

- Edited by Heath Hewitt
- On the web: http://members.aol.com/ixist/apple.html

Welcome to the sixth release of the world's largest collection and premier archive of Apple easter eggs.

This is a compilation of secrets stuffed inside of your Macintosh or Newton by Apple programmers and engineers. Easter eggs include random jokes, credit screens, or games that are meant to give the creator a little fame, also adding a personal touch to the best computer on earth. In here, you will find over 250 easter eggs clearly explained with as much background as is available.

The purpose of this file is to create a fresh appreciation for those who made your Macintosh, and to allow you to experience a limitless, fun new world inside your computer. I hope you are entertained and finish reading this list with a different perspective about your computer.

I was told by an Apple employee that nobody at Apple is ever really involved in easter eggs. Despite management's efforts, they still manage to sneak their way into released software. For the most part, the names of the engineers who aided me with this file are withheld. Apple does not record easter eggs or in any way endorse their existence. To them, easter eggs don't exist. This list is the only comprehensive record of Apple's easter eggs in existence.

Also, what you find in this list are not undocumented tricks. Undocumented tricks can be found in books such as <u>Voodoo Mac</u> and <u>MacWorld MacSecrets</u>. Remember, easter eggs result in some sort of credit or unusual message. They do not aid in the productivity of the software.

About This Release

Version 1.6 does not have many more new eggs after version 1.5 but has been greatly edited. Version 1.5 was only released on the November MacAddict CD so many of you may have missed it.

Version 1.6 has all of the eggs from previous versions and plenty more. All added eggs since version 1.5 have a blue Δ pple logo payt to them (*) and eggs

added since version 1.4 have a red Apple logo (). You will also be happy to know this version is completely updated for System 8.0 and has every publically known MacOS8 egg since January, 1997. If you are looking for just OS8 eggs, look for the red and blue Apples. Quite a few of those are from the most recent System.

Operating This File

To go from chapter to chapter, use the scrollbar at the bottom of this window.

THE CHALLENGE

I challenge anyone out there to find an egg I don't already have. If you have any other Apple Computer eggs (or code names), corrections, or comments, please e-mail me at ixist@aol.com.

Click on the Apple for full details and instructions. --»



NEWS & IMPORTANT NOTES...

The Apple Easter Egg Web Page

My web page is at http://members.aol.com/ixist/apple.htmlAt my site, you will find a direct mirror of this collection. In addition, most programs mentioned here are available as well as links, new eggs, corrections, and updates.

The One And Only

There is no other collection like this. On the inernet you will find many web sites that include Macintosh and PC easter eggs. Some sites may claim to be the oldest or the largest. I have been everywhere and seen all of the sites. No web site has been up longer than mine or is larger than this list, even if it covers a broader range of operating systems and programs. I thank everyone who has helped me expand this file in order to claim that record.

ResEdit and Gibberish

As you travel through this collection, you will find many references to "resources" and "I.D.'s". Do not be scared off by the technical references. The terms are all parts of ResEdit, a free program made by Apple that looks inside the guts of your software. ResEdit is very easy to master and can be found at Apple's software support site. You can link to the file from my web site.

Version Numbers

The version numbers next to the program names tell you with what version an egg will definitely work.

Capitalization of "Easter"

I do not capitalize "easter" in "easter egg" for the following reason: Easter is the name of a holiday, and so it is justly capitalized. The painted eggs one searches for on Easter, Easter eggs, are a part of that holiday, and so "Easter" is capitalized in the name. However, easter eggs in this list are not related to Easter other than the comparison that easter eggs on your computer are hidden, like Easter eggs during Easter. "Easter egg" is a borrowed term that does not apply directly to the holiday, and so I do not feel the need to capitalize it. Plus, I'm too lazy to hit the Shift key.

Excess Information

In this list, I explain what happens when you trigger an easter egg. I am aware the element of surprise may be lost, but the majority of readers will only be able to access less than 150 out of the over 250 eggs available in this list. If you do not want to spoil the suprise, quickly glance over the bold titles naming the programs that contain eggs. Then, open the program and try to find the egg.

A Book By Pogue!

In April 1998, David Pogue, co-author of <u>MacWorlds' MacSecrets</u>, will be releasing a book about Macintosh easter eggs. It is not supposed to be too long but will include some of the greatest easter eggs made by Apple and other companies. So, if you are interested in easter eggs made by third-party software companies, I recommend you check his book out. Just thought I would let you know.

Organization

Many easter eggs in this list are not restricted entirely to their chapters or programs or versions. The "Recent Systems" chapter is a good example of this where some of the eggs found in the resource of System 7.5 can probably also be found in System 7 or in other Apple extensions.

The Next Release

I do not know when it will be. Probably a while from now. Please be patient and keep sending the eggs! If I feel I am unable to update this list again, I assure you I will pass the responsibility to somebody who has the time.

FOR MORE INFORMATION, CHECK-OUT THE LAST CHAPTER...

Miscellaneous

Apple's eWorld On-line Night Lights

eWorld Code Name: Aladdin

In eWorld's Town Square window, if you clicked in the extreme upper-left hand corner, it changed to a night scene. This worked for version 1.1 and possibly other versions. Sadly though, after April 1st this easter egg was put to rest with eWorld's end. I guess it would be too much to ask for a moment of silence. Oh well...



Apple's Silicon Valley (Finder)

System 7 Finder Code Name: Furnishings 2000 (a defunct Bay Area furniture store)

This is the most famous, and probably the oldest easter egg released by Apple.

When holding down the Option key while in the Finder, go up to what would normally be "About This Macintosh..." in the Apple Menu. Instead, it will say "About The Finder...". Click on that and you will see a picture; after a while it will give a list of credits at the bottom. If the Finder is past version 7.0 and the creation date of the invincible "Desktop Folder" is May 13, 1991 or later, it will have credits for all of those who created the Finder from the Lisa on. If Balloon Help is turned on, the drop-menu says "Displays a dialog with the original Finder picture." By holding down Command and Option you will see a wacky cursor. The black and white picture is of Silicon Valley. It is the original picture from System 1.0.

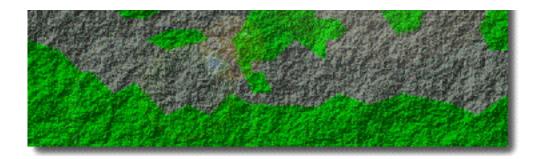
♠Apple believed MacOS8 was the greatest thing to happen to the Mac since 1984. Thinking out with the old, in with new, MacOS8 engineers made a brand new Silicon Valley to replace thold black and white one. You will notice that at the end of the credits, after the Special Thanks, the employess who lost their jobs after the restructuring are listed.

Never To Be

Provided by Jack Frost (jfrost@crl.com)

This picture you see below was going to replace the current black and white Silicon Valley, described above, in Copland. It looks excellent in thousands or millions of colors. I was only able to put in here at 256 because of the space it took up. The picture was never put in and was traded for the graphic you see now in MacOS8.





Animal Crackers

Adam Lang (thalen@cs.pdx.edu) sent me a letter saying that supposedly there was going to be a QuickTime movie addition to the "About the Finder..." window. It was going to be part of the ROMs of the Macs around the time System 7 was developed. You'd have to hold down something like **D** and **C** when you selected "About The finder...". It then took the regular black and white landscape you see under "About The finder..." (before OS8) and would zoom back away from it until you discover what it really is: the back of a giant dogcow! Then the credits roll...

Sadly though, there wasn't space to put it into the ROMs. • On the brighter side of things, there is an extention which patches your System that has the DogCow movie and will run the egg. The extension, "Clarus-The Tail Patch", was made in 1991 by David Ewing and Tim Senecal.

Joy!

From: Alex Morando (AMORAN@aol.com)

If you open most native/fat applications using a text editor, you will see "Joy!" at the beginning of the data fork.

I have found that "Joy" is used by the Code Fragment Manager to determine that subsequent data is PowerPC code.



From: Jeffrey Wheeler (WHEELER@JCVAXA.jcu.edu)

Ever notice that the 'mcky' resource in the System file, among other places, has the picture of a mouse? I'll let you draw your own connections.

Mood Swings (System 7.5)

From: Michael Ring (MRING101@aol.com)

After restarting and holding down the Apple-Option keys to rebuild your desktop you will see the "Are you sure you want to rebuild your desktop?" window pop up. Before clicking "Cancel" let's do a little exploring...

Under the Apple menu (it will be grayed), there is simple a lowercase "p". Heading over to the Edit menu we will find an "m" at the very bottom of the window. And finally, our travels bring us to an "s" in the Special menu. The

problem with acronyms is that they can mean so many different things...

Also, In the Labels menu beside each color is a single letter. Those letters spell out "alanjef" vertically. To get more info on this, go to "Labels" in the Control Panels chapter.

Native Mode

Hold down Option and Shift when getting info. on a native Power PC application in System 7.5. You will then see a list of credits of those who provide native mode.



RamDoubler Native Power PC Program Get Info Trick

From: Chaz Larson (chazl@leonardo.lmt.com) ...and: Matvey Palchuk (mapst57@vms.cis.pitt.edu)

I am aware that this is from RAMDoubler, but I have received so many messages regarding the egg I decided to include it. While using RamDoubler and selecting a native PPC application, hold down Command-Option and get info. for the application. You will see at the bottom of the info window: "Note: Sleep is a poor substitute for caffeine!" This only persists for the initial display; if you cover the info window with another window and then uncover it, the text will revert to its normal note about different memory requirements with VM on or off. Be sure to hold down Command-Option and then let go once the window is up.

The egg varies with versions as to whether you can only hold down Option-Command-I to see the egg or you can just hold down Option and select "Get Info..." from the pulldown menu.

Recurring Oddities

The following icons can be found in the resources of many things. The sifter was taken out of the ROM of a Performa 6115 (using ROMmie), the QuickTime extension, and the System File. All of these can be found in the Systems and ROMs of most computers under the same ID's in the ICON resource. To clear things up, there is a hardware component known as the mixer, and if you take a look at "System Resources", in the chapter "Current System Eggs", you will see a reference to the fridge. In that chapter, under "Also Appearing...", is a reference to the sifter.







-16557 -16560 -16561

▲I received this explanation of the odd icons and terms seen above and in the "Current System Eggs" chapter from Scott L. Barber (serker@dialnet.net):

There is a definite link between the icons and "what Jim Reekes thinks of Apple Hardware". When Apple machines roll off of the production lines, the hardware diagnostics are tested with whatever version of the system software is linked to the ROM (7.5.2 for the new machines). During this process, if one of the chips fails, the system actually throws up a dialog box with the picture of the fridge and the error "-6580: This is glue between..."

You have to understand, with each production model, the engineered area on the motherboards changes, as well as the type or manufacturer of the chips themselves. With all these changes, one thing remains the same - the process by which the system calls this hardware. Troubleshooting production models is much easier to do if the engineers know the problem is with the AWACS chip or the ASC chip, but throwing up a dialog that says "Error -6583: Sound Not Initialized" just doesn't help crews discover the problem quickly, or even help to troubleshoot which chip or board trace is affected. At least this way, with the pictures, the error code explains not only that the ASC chip is down, but that the error may be occuring AROUND the ASC chip instead of within the sound components themselves. This is an example of a more intelligent human interface for diagnostics.

Now, following Apple human interface guidelines, all dialog boxes must have icons (at least, if you get sarcastically technical enough about it, you can justify it) so they made icons to comply with guidelines. My guess is that it's easier for employees to sort motherboard problems during mass assembly by dialog icon if there is an error. But you will notice that none of the resource icons are in color, or have extremely high definitions - they're just 1-bit icons. This cuts down on size, and gets straight to the point.

Jim Reekes was one of the engineers (sound of course) that actually made it to the production levels and sat around explaining how the hardware worked by using analogies. As with all internal codes at Apple - his explanations caught on within the division, and the joke was expanded into an 'easier to use diagnostic interface' (which has of course been expanded by Apple to include coffee cups and butter knives, among other things).

Unique Alias Error Message

Set the Alias flag and unset the Inited flag of a program (which is not an alias). Do this with ResEdit when you get info for the program, whatever it may be. The result is a unique message about the problem. I included this because it is one of the few errors that is odd enough to say "oops!". It is also very hard to trigger without ResEdit.

Interesting Apple Tidbits

This chapter is here to tell interesting and funny stories behind easter eggs, code names, and those who made your Mac.

▲ An E-Mail Chat With an Apple Engineer

I received a good deal of information from an Apple engineer who explained how easter eggs are dealt with at Apple. I asked some questions and these were the engineer's answers.

Q. If an easter egg is slipped into a final release and managers hear about it, will they take it out?

Usually they will leave it in because it is so hard to requalify all of the CD bundles, etc. The worst one I heard of was an engineer who hid a picture of himself on one of the system software CD's. There was a poster in the picture of a certain scantily clad female music star [Paula Abdul]. When this was discovered and the lawyers decided that we would get sued, they had to stop the production lines, redo the CD, open all of the boxes of computers in storage and replace all of the CDs. That whole snafu cost a couple of million to fix, not even including the downtime on the production line. Needless to say, that engineer is no longer here.

Q. Would you know how the term 'easter egg' came about?

No one seems to know where it came from.

Q. What is the legal background of code names over at Apple?

We aren't supposed to use trademarks or names of living people anymore for code names. One group just got permission from Berkeley Breathed to use the Bloom County comic strip theme for their CPU project - Opus, Bill the Cat, etc. Another group just had to change their project name from Jumanji because in Taiwan that's very close to a bad word.

Q. What makes a programmer a Blue Meanie?

That term is a little out of use, but it applies to anyone in the Trad OS group (Traditional OS--System 7.x, as opposed to Copland OS or hardware, ATG, etc.). It actually comes from when the groups were identified by colors from the Apple logo. Blue just happened to be the color code name applied to that group (also a code name for System 7). Pink, for example, was spun off to become the basis for Taligent.

Q. How am I doing with my list? Has anybody else seen this list at Apple?

Pretty good. However, your guess is as good as mine. There's definitely some in there that I wasn't aware of. I actually got your list from an old-timer engineer who forwarded it around because he was impressed. There's a number of people I know who have seen it. A lot of people here in

desktop land like to read about the Newton eggs.

Q. Are the people who put easter eggs in the system programmers or engineers?

That's really the same thing here. Most of the senior engineers, who are the ones that can best sneak this stuff (easter eggs) in, do both architecting and programming. The more junior engineers (everyone is called an engineer here) do coding but not architecting and are more likely to get busted.

Q. Why are easter eggs put into the system?

Most people do want their eggs to be found at some point. Some want to be able to do something cool in the store or have other programmers find them and see how cool they are.

Q. How strictly do the managers try to enforce the absence of eggs?

As you yourself pointed out, backdoors and easter eggs can contribute to system incompatibilites, crashes, slowdowns, etc. Generally they have to be very cleverly designed and hidden in order to make it into a release, which can also waste expensive engineering time. That's why they can be a bad thing. The testers' secret movie on the 7200 CD is one notable exception. That was officially sanctioned by management as a reward for the QA contractors, and as a result pissed off many engineers that have to work hard to get their eggs shipped.

The absence of eggs is enforced in a number of ways. First, we have to review code written by other engineers. This happens several times during the product development cycle and is where most of them are weeded out. This is also where the "buddy factor" comes in to play - you can keep yours if I can keep mine. Eggs that affect performance tend to also be noticed, as do eggs that are installed or activated by someone else's code (they get found during normal debugging). Finally, the last thing that happens to the software about to be shipped is a string search. A special tool runs through all of the code looking for names, code words, etc. That's done by QA, so we can't do anything about it, and they are rewarded for finding secret about boxes.

Things like the 7.5.2 secret about box that use a specific string to be activated have to be extremely well made in order to not cause performance problems from checking for a long string in some complex way every time something is typed. That particular easter egg, though, is a little different in that it is sort of sanctioned by our management. They all knew about it because it was so cool, but didn't say anything and just made sure that we didn't use any copyrighted material. The ROM picture [secret ROM image] actually has a couple of managers in it. In general, they would rather have one well-known and "safe" secret about box than have a bunch of rogue engineers running around making their own.

OK, it's Friday, it's been a long week, and now it's time to have a beer.

ਫBlue Meanies−The StoryOf course everyone knows that the Blue Meanies are those mean furry blue guys that were killing the peace in the Beatles movie "Yellow Submarine". At Apple, the Meanies first appeared as an easter egg hidden inside the System file. See "Current Systems" to see that egg.

A Blue Meanie sent me this little tidbit on the origin of the name:

Why Blue Meanies? Well, System 7 was "Blue". We were mean (we were also known as the "arrogant bastards"). Blue Meanies were actually characters in the Beatles movie "Yellow Submarine". There were also Apple Bonkers, which became the name of an important server which our team used.

Why was System 7 blue? Because that's the color of the index cards that features, at a Pescadero off-site meeting, went onto for the "next release". "Future release" stuff went onto pink cards, hence the precursor to Taligent was called "Pink". There was also Green and Red, but that's for another time.

We had a good time. We were on a mission. System 7 was a good system to work on. It was a bit much to do all at once, and it could have been planned better, but it was a big accomplishment, and an all-around excellent thing for Apple and its customers.

Some Apple engineers made up a fictional story about the blue meanies which can be found at http://www.spies.com/greg/bluemeanies.html.

Business Card Humor

Apparently Apple is pretty laid back when it comes to business titles. They give a lot of latitude to employees in deciding how they present themselves to the

outside world. Owen W. Linzmayer collected many Apple business cards and displayed some of the quirky titles in his book. Notice the similarity between these and the eggs you find on your Mac.

Allen J. Baum: Chief Wirehead **Mike Boich:** Software Evangelist

Frank Casanova II: Lord of High End Mac

Donn Denman: Crank Inventor **Steve Goldgerg:** 7.0 Guy

Martin Haeberli: Hardware Wizard of Macintosh

Andy Hertsfeld: Software Artist, Macintosh Software Wizard

Don Louv: Wild Newt Tamer **John Scully:** Chief Listener **Burrell Smith:** Hardware Wizard



DogCow Poem in TechNote #31

(also see "SpInside..." in the Apple Programs chapter)

The dogcow is one of Apple's most famous symbols. Not only does it represent the culture at Apple but it has served as an easter egg on numerous occasions. Below I explain where the Dogcow originated and list some web sites about Clarus.

The Dogcow's Origins

In April 1989, a Technical Note by the name of Tech Note #31 was distributed to developers in a serious packet of information starting as an April Fools' prank. Clarus soon after became a big hit and the Dogcow started appearing Page Setup dialog boxes. "History of the Dogcow" later appeared as a two-part story in "Develop", The Apple Technical Journal.

The Tech Note's author is Mark Harlan who spent most of his six years at Apple finding employees who were hired by Steve Jobs and asking them, "So how does it feel knowing that the way you changed the world is by putting Windows on all PCs?" Find out more about Harlan in The Mac Bathroom Reader

Here is the poem that appeared in TechNote #31. The trick is that if you take the first character of each line of the poem you see APRIL FOOLS!

A dogcow is what I want to be. Pictured in dialogs, Running through the weeds, In and out of advertisements, Loving my naughty deeds. Feeling in black and white. Over the edge of cliffs, Out with the tide in the sea.

Living life to the fullest, Sweet survival in 2 D.

WHY THE POEM?: (a letter from an employee at Apple)

"Sports Illustrated had run a great fake story about a Zen baseball pitcher sometime earlier and we borrowed the idea of having the words 'April Fool's' spelled out within the article from them -- in our case using the first letter of every line of the poem at the closing." D. Bruce Yolton (dbyolton@interport.net)

How to Access The Dogcow in the Hypercard Stack

In the Hypercard Stack Technical Notes stacks, Option-Shift-click on the dogcow. A dialog comes up with credits. When "Developer Technical Support" appears, click to dismiss the dialog. Then click anywhere else on the title screen. Click on the button to go to a tech note by number, and enter "Clarus the dogcow says Moof!" When it asks you "what did you say?", enter the same thing again.

This will display the secret "Tech Note #31, About the Dogcow". If that doesn't work, then you can display the three pages of the Tech Note by typing "tnpict MooF1,1,0" in the message box (and MooF2 and MooF3).

≰Another Dogcow Poem

From: Dieder Bylsma (bylsma@unixg.ubc.ca)

Yea, and if It will be done, even in spite, Then lend Thine hand to the masses, Lest It be done incorrectly or woefully worse By those not versed in the ways of the Dogcow.

(Found in a tech note about creating/implementing INITs properly.)

Some Good Dogcow Web Sites

You can see the original Technote 31 at:

http://devworld.apple.com/ngs/lpp/adrpub/docs/dev/technotes/tn/tn31.html

Technote 1031 is an update to Technote 31:

http://devworld.apple.com/ngs/lpp/adrpub/docs/dev/technotes/tn/tn1031.html

There is a detailed DogCow page hosted by Apple siting many locations at:

http://devworld.apple.com/ngs/lpp/adrpub/docs/dev/dts/dogcow.html

There is also a good history of the Dogcow page at:

http://thor.he.net/~stories/moof.html

Also, I highly recommend searching Apple's web site for "dogcow". You will come up with a current list of the many places that Apple has sneaked Clarus into its documents, technotes, and web pages.

The Story Behind "Sosumi"

Have you ever wondered what the name of the staccato E-flat diminished triad sound called "Sosumi" means? Okay, well I haven't either, but there is a



story behind its name... no, actually there are three stories. They are all alike but each has a slightly different perspective.

•Story 1:

This story is from Macworld's MacSecrets.

Early in Apple's career as a computer-making superstar, there was a little legal trouble. That trouble was with, believe it or not, the Beatles. The Beatles' lawyers claimed that Apple, in making a computer with sound capabilities, was trying to get into the recording industry, causing confusion in customers' minds. After all, their companies had the same names and were doing the same thing, right?

So Apple sighted and promised Apple Records, in writing, that it would never get into the recording industry. Apple Records backed off, and Macintosh went forth in the world.

A few years later, however, Apple started including a microphone with most Mac models. And guess what you were supposed to do with that mike? Yup-make recordings! It certainly would take a hypersensitive record company to interpret giving away a free microphone as "entering the recording industry." But you never know. Some wily Apple Engineer, recognizing the potential litigation, gave the alert sound a name that serves as a subtle tribute to Apple Records; Sosumi!

• **Story 2**:

This is a similar twist to the Sosumi story by an Apple Employee sent via e-mail to another employee.

It was late in the release cycle of system 7, and Jim Reekes was working on the sound manager in engineering when Apple legal called. Due to the pending Beatles lawsuit, they were not allowed to have anything that even remotely resembled music to be associated in any way with the Macintosh. The reason they were contacting Jim was because one of the sounds in the Control Panel was called "Xylophone." This was absolutely unacceptable, there could be no references to musical instruments.

Jim's initial reaction was to name the sound something quite inappropriate, but he had second thoughts figuring that it too probably would not make it past the Apple legal sharpies. Under a sudden stroke of genius he named the sound, "Sosumi". Of course he needed to cover all his bases, so he quickly passed a story around that if anyone asked, sosumi was Japanese for, "a light pleasing tone." The name stands to this very day.

•**€** Story 3:

Here is another Apple Engineer's perspective on the sound. It seems that they weren't very clear on the cover story.

It's true that the (then) new microphones were causing some ripples in Apple's legal department. They were wondering how Apple Records might, or might not, react to them. From our point of view in engineering they were being too sensitive. Then something happened and we *knew* they were way too touchy. We had held a contest to select and name some new sounds for the Sound control panel. One of them was named Xylophone. It sounded like a xylophone. Someone in the legal department saw one of the beta releases of System 7 and went nuts. They were certain that a system beep sound with the name of a musical instrument would send Apple Records right over the

edge. Engineering got a call *demanding* that the name of the sound be changed.

A bunch of us were grumbling about the order that night when someone suggested that the new name should be So Sue Me!. I suggested the spelling: s-o-s-u-m-i. Our cover story was that Sosumi was a Japanese word describing a kind of flower (as far as I know it's gibberish in any language). We went to the project manager and begged to be allowed to use our new name. We all huddled around the phone while she called the lawyer and told him the new name. Instead of pronouncing it, she spelled it to him -- a wise move, I think. She reported his reaction as, "Oh, that sounds nice! That'll be just fine."

■MacWorld April Fools Easter Egg Joke

From: Jim Henson (saton1@aol.com)

This was printed in Macworld as an April Fools joke on its readers:

By Lon Poole

According to the law of averages, every so often a perfect Mac rolls off Apple's highly automated assembly line. Every trace is soldered perfectly. Every chip is the best of its batch. This ultra Mac, literally 1 in 10,000, is capable of vastly greater performance than a run-of-the-mill Mac. About four years ago Apple considered testing for these ultra Macs at the factory, putting them in special dark gray cases, and selling them at a premium as a separate Macintosh Pro line. As part of the evaluation process, a special activation sequence was added to System 7's Finder, then under development. The Mac Pro line never saw daylight, but Apple did use the dark gray color for its PowerBooks.

Statistically, there are probably about 2000 Mac Pros out there. The aforementioned activation sequence was never removed from the System 7 Finder. To see if you have a Mac Pro, bring up the About This Macintosh window. In the upper part of the window between the title bar and the divider bar, where the type of Mac is reported, click each of the four corners starting in the upper left and proceeding clockwise. Then press option-P-R-O. If you do in fact have one of these special Macs, the Mac icon will immediately turn dark and the word Pro will be added to the end of the Macintosh model name. Best of all, your Mac will now operate four times as fast!

If you're not one of the fortunate few blessed with a Mac Pro, sorry. Can I interest you in computer vitamins (eensy-weensy pills you pop into the floppy disk slot to double performance)? No? How about an ADB booster that triples your typing and mousing speed? A SCSI workout video that improves hard drive access time (but only if you run it for half an hour three times a week)? Somebody stop this April fool, please!

Stories Behind the Code Names

Find the complete list of code names at: http://pw1.netcom.com/~owenink/codename.html

What Is a Code Name?

From: The Mac Bathroom Reader by Owen W. Linzmayer (see below)

Before Apple publicly announces a product by its official name, internally it is referred to by a code name. Usually lead engineers or managers get to name their own projects whatever they want, but a few recurring trends are evident. Early in its incarnation, Apple favored female names for projects. More often than not, the projects were named after the children, girlfriends, or wives of the team members (for example, the Lisa was named after Steve Jobs' daughter born out of

wedlock). Jef Raskin rebelled against the sexist notion of female code names and looked instead to apple varieties as the inspiration for his Macintosh project, purposely misspelling McIntosh. For a while, the names of different types of apples (Pippin, Johnathan) were often whispered in the R&D labs. Having exhausted the apple varieties, project managers now tend to choose whimsical code names that either reflect pop culture or contain awful puns. Perusing the list of code names is like walking down memory lane, checking out the fads and trends that swept through Apple cubicles and lab benches over the years.

Apple takes the code-naming business seriously, often assigning the same project different code names, one to be used internally, and another for external use. Also, a single project may have separate code names associated with hardware, software, documentation, and marketing. Furthermore, outsiders - - such as developers and the press - - may be told about the same project, but each will be told a different code name. And just to keep everybody guessing, Apple sometimes changes code names in the middle of a project, or reuses old code names for new projects. Not only does all this create confusion in Apple-watchers, it also serves as an audit trail to trace leaks to their sources.

BOB W-Powerbook Duo

The code name was known as "BOB W". This confused people for a long time until they showed the title of a popular Star Trek show which said "Best of Both Worlds." It shouldn't be hard to figure out the connection.



Can This Bird Fly?

From: The Mac Bathroom Reader by Owen W. Linzmayer (see below)

Apple's top-of-the-line, 68040-based PowerBook 540/540c project was code-named Blackbird, after the high-flying SR-71 reconnaissance plane, because both feature dark colors, curves, and speed. However, it's known informally inside Apple as the Spruce Goose because some people felt that introducing a 7-pound laptop in 1994 was as ill-fated an idea as Howard Hughes' huge aircraft which flew only once. On a related note, the Blackbird's innovative new trackpad was code-named Midas, after the Phrygian king who had the power of turning whatever he touched into gold.



Cosmos Carl Code Name Complaints

From: The Mac Bathroom Reader by Owen W. Linzmayer (see below)

The November 29, 1993 issue of <u>MacWEEK</u> featured a cover story on three computers Apple would later introduce on March 14, 1994, as the Power Macintosh 6100/60, 7100/66, and 8100/80. The story mentioned in passing that the computers went by the code names PDM, Carl Sagan, and Cold Fusion, respectively. Upon reading this tidbit of information, the real Carl Sagan fired off the following letter to <u>MacWEEK</u>:

"I have been approached many times over the past two decades by individuals and corporations seeking to use my name and/or likeness for commercial purpose. I have always declined, no matter how lucrative the offer or how important the corporation. My endorsement is not for sale. For this reason, I was profoundly distressed to see your lead front-page story 'Trio of PowerPC Macs spring toward March release date' proclaiming Apple's announcement of a new Mac bearing my name. That this was done without my authorization or knowledge is especially disturbing. Through my attorneys, I have repeatedly requested Apple to make a public clarification that I knew nothing

of its intention to capitalize on my reputation in introducing this product, that I derived no benefit, financial or otherwise, from its doing so. Apple has refused. I would appreciate it if you would so apprise your readership."

Carl Sagan Director, Laboratory for Planetary Studies Center for Radiophysics and Space Research Cornell University Ithaca, NY

Sagan's letter appeared in the January 10, 1994 issue of <u>MacWEEK</u> and elicited howls of derision from the Macintosh community. Most people wondered why Sagan was complaining; he should have been honored to have a computer named after him, they felt. Besides, it was never meant to be the final product name, so lighten up. It has been suggested that what upset Sagan the most was being grouped with two discredited scientific discoveries/hoaxes, Piltdown Man and Cold Fusion.

In deference to the noted star-gazer, Apple changed the Power Macintosh 7100/66 code name to \underline{BHA} . Things were beginning to return to normal when Sagan learned that BHA supposedly stood for Butt-head Astronomer. He put pressure on Apple's lawyers, who insisted the project engineers come up with a new code. They settled on \underline{LAW} , which stands for Lawyers Are Wimps. Nonetheless, in the third week of April, 1994, Sagan sued Apple in U.S. District Court in Los Angeles, charging it with defamation of character. He sought unspecified damages, probably hoping to reap "billions and billions" of dollars.

Fortunately for Apple, judge J. Baird dismissed the suit, finding that "Plantiff's libel action is based on the allegation that Defendant changed the 'code name' on its personal computer from 'Carl Sagan' to 'Butt-Head Astronomer' after plaintiff had request that Defendant cease use of Plaintiff's name....There can be no question that the use of the figurative term 'Butt-Head' negates the impression that Defendant was seriously implying an assertion of fact. It strains reason to conclude that Defendant was attempting to criticize Plaintiff's reputation or competency as an astronomer. One does not seriously attack the expertise of a scientist using the undefined phrase 'butt-head.' Thus, the figurative language militates against implying an assertion of fact... Furthermore, the tenor of any communication of the information, especially the phrase 'Butt-Head Astronomer,' would negate the impression that Defendant was implying an assertion of fact."

Gibbly - System Enablers

From: <u>Develop Magazine</u>, Issue 14, Page 108 Avi Drissman (ad406@detroit.freenet.org) [http://www.science.wayne.edu/~adrissmn/]

As you may know, there is a hamster named Gibbly in the story of the Blue meanies (http://www.spies.com/greg/bluemeanies.html). His name comes from the System enablers that have a file type of "gbly", and actually had a code name of "gibbly" or "gibblies" for plural. Here is the story....

Gibbly History by Chris Derossi

When system enablers were being designed, it was clear they were going to be a mechanism for extending the system. Engineers began calling them INITs, since they served much the same purpose. This caused some confusion with people who thought we really were talking about INITs, and issues were raised about possible conflicts with other INITs, loading order, and so on. (These issues don't apply to system enablers at all.) It was obvious to me that we needed to change the name to differentiate system enablers from other types of system extension mechanisms. We couldn't use the term extension because that was the public name for INITs. We

couldn't use addition because that term already referred to things like QuickDraw GX and AOCE.

So, I decided to use a made-up word. I wanted a word that would be memorable and one that would sound funny when used in all seriousness by executives and upper management. Hence the name "gibblies." The engineering documentation for gibblies states that the singular is "gibbly" and the plural is "gibblies." It also states that the "g" may be pronounced hard or soft depending on the speaker's preference. In practice, the hard form (as in "give") became the one used by those in the know. There you have it. And, yes, it was very amusing to hear the made-up word being used all over the company in serious conversation.



Lisa

From: The Mac Bathroom Reader by Owen W. Linzmayer (see below)

"Lisa" was the name of Apple's first big hit computer. It is supposedly named after Jobs' daughter but if you read <u>The Mac Bathroom Reader</u> you will find out that people still don't know for sure due to many mixed reports. Anyways, when Apple tried to find a name that would appeal to the business market Lisa (the code name at the time) had received so much press that they kept the name for the computer released to the public explaining that Lisa stood for "Local Integrated Software Architecture". This was so obviously contrived that industry wags suggested a more accurate explanation was that Lisa stood for "Let's Invent Some Acronym".

MAC

From: The Mac Bathroom Reader by Owen W. Linzmayer (see below)

Apple also once considered shortening Macintosh to MAC, which would stand for Mouse-Activated-Computer. Internally it would be known as Meaningless Acronym Computer.



PDM (Power Mac 6100/66)

From: Macworld's Mac Secrets

The code name for the PowerMac 6100/66 was PDM which stands for Piltdown Man. This was the name for the the man whose skull was found by an archeologist in 1909 in Sussex, England. It was believed to be the missing link between man and ape. In 1953 it was found to be a fake.

The Mac Bathroom Reader

Owen W. Linzmayer has put a lot of work into his book, <u>The Mac Bathroom Reader</u>. It seems only appropriate to tell you how to obtain it... <u>The Mac Bathroom Reader</u>, published by SYBEX, is available in better bookstores for \$12.99. If your local bookstore doesn't carry it, ask them to place a special order for ISBN #0-7821-1531-4. Or you can order an autographed copy direct from the author, Owen W. Linzmayer (71333.3152@CompuServe.com).

Extensions





Apple Guide (1.2)

Code Name: Reno

In Apple Guide, v1.2, there is a way to see a list of credits. I don't know how to trigger the egg but I found it by opening the Apple Guide extension through ResEdit. After opening the TEXT resource and double-clicking on "Who?", you will see this:

Version 1.2 of Apple Guide is brought to you by:

Greg "twin-turbocharged" Brewer
Peter "and furthermore" Commons
Dave "do the right thing" Falkenburg
Bill "oh yeah, that one" Foster
Amy "pound on it" Hansen
Brent "I'm excited" Horger
Josh "just one more feature" Jacobs
Glenn "let's get organized" Katz
Sue "will do" Kuo
Brian "that's next on my list" Lawley
Dave "cursorman" Lyons
James "I'm in the chips" Miyake
John "follow me, I'm lost" Powers
Alex "you can quote me" Rosenberg



In the French System, all of the text is in French except for the very last name, which was an addition for the French Apple Guide: Mario "Ah que coucou" Teixeira. This translates literally as "Oh what peekaboo". It is an expression from French singer Johnny Halliday who is supposed (according to a TV program called "Les Guignols de L'Info") to always say "Ah que coucou". From: Alexandre Enkerli (EnkerliA@ERE.UMontreal.CA)

Macintosh Guide

When opening Macintosh Guide from the Apple Guide menu, you will be presented with what's called the 'Howdy Screen'. This is a preliminary introduction screen telling a little about the database the user just opened. If you press Control, Command, and Caps Lock down, and click in the content of the window (before you do anything in the window), you will see a list of credits containing the names of those who have worked on Apple Guide. From: Devon Hubbard (devon@apple.com)

▲In Macintosh Guide, System 7.5.3, do a search for "Bill Gates". This will bring up DOS and everything involving PCs on a Mac. "Bill" and "Gates" do not register in the directory, and every other name I could think of was treated as two words, meaning that Gates was not a normal entry and is indeed an easter egg. Boy, Apple's help features just keep getting easier to use. From: Matt Nichols

♦ Apple Guide 1.4.1 & Macintosh Guide 2.2

Apple rarely, if ever, reacts to the discovery of an easter egg. Well, I have to applaud the Apple Guide team on this one. With the release of System 7.6 (and version 2.2 of Apple Guide), Apple had a little fun with the Macintosh and Apple Guide eggs explained above.

In Macintosh Guide, the credits have changed to a help tab saying "How do I" for one topic and "Find the credits?" for the subtopic. I looked; I can't find them. The engineers also removed the credits in Apple Guide's resource, which have been replaced by a poem:

As the Lighthouse keeper climbed the stairs, the keeper knew that future generations would benefit from today's work.

(poem from Dan Berger; bergerdg@aol.com)

Apple Modem Tool (1.5.5)

The Apple Modem Tool can be accessed in the connection settings window by selecting it under Method. In order to access this window, you need to have some sort of terminal modem program (like Z-Term or Claris Works) that will give you access to it. The easter egg involves the version number (no surprise) which is in the Port section of the window, on the right hand side, across from "Hand Shake". Just click on it. People, young and old, don't try this at home. It is not worth the trouble.

♠AppleScript (1.1.2)

From: Dan Berger (bergerdg@aol.com) AppleScript 1.0 Code Name: Cheeze Whiz, Toy Surprise, Gustav AppleScript 1.1: Guava Surprise, Pure Guava

Open the AppleScript extension with ResEdit. Look at the STR# resource, ID 5000. String number 11 says: "This is the magic OS error number returned by the operating system. For technical gurus only."

Go to the Apple Programs chapter for more on AppleScript applications...

AppleVision (1.5.3)

In the AppleVision extension there is a hidden picture, not accessible through ResEdit, of the AppleVision team. You will need CanOpener to see it. This picture is marked in the code by the phrase "AppleMark".

Color Picker (2.1)

From: Dan Berger (bergerdg@aol.com)

You need to be in a graphics program to see the Color Picker in action. The color picker appears when you want to choose a special color. A simple way to see the

Color Picker is to go to the Finder and select "Preferences..." in the Edit menu. Click on one of the colored buttons to choose a new color. The Crayon Picker is one of your options in the left-hand panel.

- Advance your computer's date by a few years and the crayons in the crayon picker will be dulled.
- Go to the Color Picker and hold down Shift while selecting the Crayon Picker. As you drag your cursor over the different crayons, you will notice that the crayon names have changed to credits. The names can be found at I.D. -5749 of the STR# resource. It is a list of names and phrases.
- Now look at IDs -5755 though -5735 in the STR resource of the actual extension:
- -5755 We have lingered...
- -5751 in the chambers of the sea...
- -5746 by sea-girls wreathed with seaweed red and brown...
- -5742 'til human voices wake us...
- -5735 and we drown.
- These are the closing lines of T.S. Eliot's Love Song of J Alfred Prufrock, a meloncholy poem bemoning life in general from the point of view of the bourgeoise. From: Jonathan Lipkin (jlipkin@ramapo.edu)

You see, not only are Apple engineers good at making software, but they can quote literature too!



MacsBug - System Extension (6.5.4)

MacsBug: A contraction of Motorola Advanced Computer Systems Debugger

- Balloon Help the program's icon to see "This file provides programmers with information proving that it really was a hardware problem...".
- Hold down Control when you start-up your computer. If you have MacsBug installed it will immediately go to the program. Then it will say "Welcome to MacsBug (thanks for holding down Control)". I thought that was kind of odd. Type **G** and push Return to continue your start-up.
- In the MacsBug 6.5.2 file, use ResEdit to open the only "mxnx" resource. Then use ACSII find and look for "Ol'" (Oh Ell apostrophe) and you'll find this:

Ol' McDonald had a farm...

From: Andrew Koch (andrew@mailit.pgh.net)

• In version 6.5.4a1 of MacsBug, resource hfdr, ID -5695 says:

"MacsBug is a low-level debugger. It it best served chilled with fish, hearty meats, and cheeses. Do not use while operating heavy machinery or driving a motor vehicle. Do not combine with medication."

Conflict Catcher (4.03) supposedly displays the above comment in its information window when MacsBug is selected.

• ■ In MacsBug, if you're using RAM Doubler and enter the command VMDump you get: "Yo! you're running RAM Doubler - not VM!"

The two eggs directly above are from Yann Duguay (yanndug@microtec.net).

Memory Manager (1.2.1)

There is an extention named Memory Manager. Opening it with a text viewer (BBEdit will do the trick) will display this line near the end of the jumbled programmer's code: "Give this Memory Heap a description. Dead heap, dead heap!"



OpenDocTM - Sytem Extension (1.0.2)

OpenDoc: Amber, Exemplar, Jedi

The OpenDoc program itself, which resides in the OpenDoc Settings folder in the extensions folder, has an easter egg in the STR# resource. Go to ID 482 and scroll down to string 2. You will see the text "They're EVERYWHERE!" (Works for versions 1.0 & 1.0.2; gone in version 1.2.1–System 8)

PowerTalk

From: Raul Regalado (RRegalado@eworld.com)

Using a text reader, open any PowerTalk info card (for example, Untitled Info Card). Among a bunch of other words and gibberish, the phrase "silence=death" appears several times. Note: The info card has to be on the desktop or any location other than a PowerTalk personal catalog for this to work.

QuickDraw 3D

QuickDraw 3D Code Name: Escher From: John M. Sully (jms20@po.CWRU.Edu)
Turn on Balloon Help and place the cursor on the QuickDraw 3D extension. At
the bottom of the balloon, you should see the message
"Flatland no more. Come and follow us into the Third Dimension".

The resource of the QuickDraw 3D Install script contains two graphics in the PICT resource. One is of the main splash screen (ID# 1000) which you see before you install the program, and the other (ID# 1001) is the same type of thing, but a bit different (it does not exist in version 1.5.1 of QD3D). Instead of the normal icon, there is a smiley face. And instead of the usual instructions and descriptions, there is a wacky version. I have no idea how to access this, but it is a lot of fun to read if you have ResEdit. From: Greg Morin (morin.3@nd.edu)



Below is what the graphic normally says and what is printed in the egg:

Normal: QuickDraw 3D provides new 3D graphics services directly in System Software. **Egg:** QuickDraw 3D provides new 3D graphics services that add a new dimension to your otherwise boring computer.

Normal: Your Macintosh needs certain software to use QuickDraw 3D. The installer will choose the recommended software for your Macintosh, and place it in the System Folder. **Egg:** Your Macintosh needs certain software to use QuickDraw 3D. The Installer places this software on your disk in places you would never imagine - or care.

Normal: Choose "Custom Install" only if you are sure you want to override those recommendations.

Egg: Choose "Custom Install" only if you know what you are doing, and know the secret handshake.

QuickDraw 3D Viewer

From: dwilson@cybcon.com (Doug Wilson)

In the QuickDraw 3D Viewer there is a picture of a Golden Lab dog. However, you will need to view it with CanOpener because nothing else seems to work. QD3D Viewer is an OpenDoc - based 3DMF viewer. It allows you to embed 3DMF files into OpenDoc documents.

QuickDraw GX

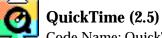
Code Name: El Kabong, Sarano, Skia From: Charles Wiltgen (cwiltgen@mcs.com)
• Dragging the icon of the QuickDraw GX extension over to the desktop printer

- •Dragging the icon of the QuickDraw GX extension over to the desktop printer will print a list of credits of the development team for the extension. I recommend looking at the preview instead of printing it to save time, paper, and ink.
- Select a GX desktop printer, hold down Shift-Option-Command and choose "Open" from the File menu. It gives you a very cool, simple demo of GX's geometry capabilities.
- With the N-Up printing extension installed, go to the N-Up panel (in the print dialog or in the dialog under the DTP printing menu) and select "1 page per sheet" while holding down the Option key...

...or in the print dialog of any GDGX savvy application (try SimpleText), click on the "More choices" button at the lower left, if there isn't a list of plug-in modules to the left. Now, option-click on the one called "n-up print" and instead of the dogcow showing the page

layout there is a small rectangle of credits. Note: You must have more than one printing extension installed.

From: Avi Drissman (ad406@detroit.freenet.org)



Code Name: QuickTime 1.5 was Dali and Project Warhol

- •The development name for QuickTime was Project Warhol, thus a pre-release version, known as the 'warhol' init, had the icon of a Campbell's soup can. In MoviePlayer, go to "About QuickTime..." and watch the credits scroll by. There is some interesting stuff slipped in, including a credit to Andy Warhol.
- Balloon-help the icon to see "Time n. A nonspatial continuum in which events occur in apparently irreversible succession from the past through the present to the future."
- •Hold down Command-Option-Q-T at startup. You see either a picture of the QuickTime team (versions 1.0-1.6.2) or a movie with team pictures, names, and a music track (versions 2.0, 2.1). Note: The music may or may not play, depending on how much memory QuickTime can get at that point in the boot process. In version 2.5 there is no music and the movie ends where you see a burning film that says "Inactive Movie". I believe the names listed are in the STR# resource, I.D. -19102.

From:Jonathan Cooper

• In QuickTime 1.6.1 there is a hidden picture that is not accessible through ResEdit. You need to use CanOpener to see it. What the picture shows is 7 QuickTime programmers; one is holding a bouncy-ball and two others are prepared to fight back with highly destructive Nerf weapons. It is best viewed in thousands of colors. This is a very good example of life at Apple. The picture here is in 256 colors. From: Edward Shryane (9427589@ul.ie)



• Finally, in the ICON resource at ID's -19135 and -19134 there are two people-probably renditions of the authors. They are also in QuickTime

PowerPlug.







ĠQuickTime PowerPlug (2.5)

From: Colin Wirth (starbase74@hotmail.com)

In resource STR, ID #19117, the text reads, "Decompress images compressed with Sean's secret recipe."



Sound Manger (3.2.1)

Sound Manager: DJ, Party Line

In the Sound Manager extension, resource snd, ID 128, there is a sound file named Barking Pumpkin. You can listen to it by clicking on the Sound Manager icon at left.

Start-Up Tuner

From: Dieder Bylsma (bylsma@unixg.ubc.ca)

The Start-Up Tuner introduced in System 7.5.3r2 has a file type of 'barf'. Unsurprisingly, it controls a part of your computer's eject mechanism.



SystemAV (1.3)

Inside SystemAV, in the PICT resource, ID 3804, there is a picture of...

well... a guy's head.

Frankly, I think he looks a lot like the guy in the lower-left corner of the QuickTime picture above.

ThreadsLib Extension

From:Patrick Dekker (PDekker@rullf2.MedFac.LeidenUniv.NL)

Open the ThreadsLib extension (System 7.5 and up) with a text reader. The following text is locating near the end of all of the gibberish. The Thread Manager is integrated into System 7.5 and used for Multi-tasking. It is used only with Power PCs because they are the only Macs that handle libraries. This text is also in the System file among other places.

Text Shown:

The Thread Manager for 68k & PowerPC

THE CAST:

Engineers: Eric & Brad Qualifiers: BK, RT Initial Concept: DH

Debugger: ML

Underpaid Process Dude: DF Animal Handlers: CK, LB Parents: Mom & Dad Sisters: KMA, SJP, JRA Domestic Partner: Amy Potato Latke Chef: Tam Bomber Squadron Ldr: DB

City Builder: MF The Flake: JH

Secret About Box Critic: JR Beermeisters: DR, MB Slackers: SH, BT, CL, NS, JY Hardware First Aid: SM Special Thanks To: ERJ, KGB, Bear, DL, DB and everyone who believes!

Dedicated to our fathers: **Eugene Anderson** Frank Post

**XMODEM Tool (1.1)
The XMODEM Tool extension also has an egg. In the PICT resource, ID 31056, there is a list of credits. It is unknown whether or not the list can be accessed somehow.

The Monty Python Saga

I figured this whole AppleTalk/Monty Python thing was becoming hard to understand so I decided to create a single chapter explaining it. Apple Developers have had a long-time love for Monty Python (haven't we all) and wanted to somehow put it in the System. I assume at the time AppleTalk looked like a good victim. So, most things involving AppleTalk took on an aspect of Monty Python in some way or another.

Let me clear up what is explained below: AppleShare (allows AppleTalk communication) was code named Holy Hand Grenade. File Sharing (allows files to be transferred over an AppleTalk network) was code named Killer Rabbit (the Holy Hand Grenade killed the Killer Rabbit). A part of File Sharing called AppleShare PDS shows the Killer Rabbit icon. File Sharing PDF files have the icon of the Holy Hand Grenade. The entire System 7 AppleTalk project was named, appropriately, Holy Grail.



M

AppleShare (3.5)

AppleShare Code Name: Holy Hand Grenade

In the STR# Resource, ID -2003, String 4, of the AppleShare extension it says "Oh. most heinous!"

In the 'Strs' resource, IDs -1906 and -1905 it says "(Bogus - call x3683)". **€**"3683" is the phone extension to Arman Maghbouleh, at Apple.

"Bogus" and "Oh, most heinous!" are not related to Monty Python but are from the movie "Bill and Ted's Excellent Adventure".

AppleShare PDS

If you have ever used File Sharing on your Mac, there should be an invisible icon on the first level of your hard drive that looks like a rabbit with fangs and shades. That icon is named "Killer Rabbit" after the blood-sucking character from the movie "Monty Python and the Holy Grail". To see it, simply open your hard drive with ResEdit and, on the base level of your drive, there should be something called Apple Share PDS (Parallel Data Structure). Open that and go to the ICON resource.

Note: If you have System 7, or AppleShare 3.0, the Killer Rabbit icon will be on the PDF files inside the File Sharing folder, in the Preferences folder, in the System folder. Otherwise, they will have a Holy Hand Grenade (explained below).

Incidentally, the Killer Rabbit is stored as ICN# resource 20002 of the File Sharing Extension.

Also, as another egg, make the AppleShare PDS icon visible (with ResEdit) and Get Info for the file. The document type is known as "Frankenstein PDF document".

Holy Hand Grenade!!!

ARA Code Name: 976 (the prefix for many phone-sex hotlines)

From: Kevin Garrett (Level6@aol.com)

₲The Holy Hand Grenade icon, seen above, appears on files in the File Sharing folder, in the Preferences folder, on all computers. All of them will end with the letters "PDF". I don't know the exact use of these PDF files, but I do know they will appear for some of the CD-ROM discs you put in your Mac. From: George Halldin (Torgo42@aol.com)

In the German File Sharing Extension D1 7.6.1 (called "File Sharing Erweiterung") the "Holy Hand Grenade" icon is in an ICN# resource with the ID 20002. From: Hans Altmeyer (100766.2060@compuserve.com)



File Sharing (7.6.2)

File Sharing Code Name: Killer Rabbit

The development name for File Sharing was Killer Rabbit. The File Sharing Extension's creator was 'hhgg', standing for Holy Hand Grenade, which killed the Killer Rabbit.



PlainTalk SR (speech recognition) Code Name: Casper

Keep Talking

Most AV and high end PowerPC computers today have speech recognition software in which a person talks and the computer responds with a reply or an action. Upon saying "What time is it?", the computer will reply "Seven-zero-three-P-M". If you have the correct software you can ask the

computer the questions after the following instructions:

Version Information:

If you have PlainTalk version 1.0 (for 660AV and 840AV only), you would need to have System Speech Rules v1.2 AND be running AppleScript 1.1 to enable the Easter eggs. Consider upgrading to PlainTalk 1.3 if there is no easier way to obtain AS 1.1.

If you have PlainTalk version 1.2 (for Power Macintosh only), you can turn on Speech Recognition and try out the eggs immediately.

If you have upgraded to PlainTalk version 1.3 (for 660AV, 840AV, and Power Macintosh with System 7.5), the new System Speech Rules file only contains one of the 1.2 Easter eggs. There are no known side-effects by downgrading System Speech Rules, but you should keep a backup of the original handy.

Ask the computer the following under the situations indicated:

- 1. "Are there any Easter Eggs?" in Finder
- 2. "Do you need help?" in SimpleText/TeachText
- 3. "I need help!" in SimpleText/TeachText
- 4. "Tell me about Casper." with Speech Setup open
- 5. "What about Speech Recognition?" with Speech Setup open
- 6. "Did anyone test you?" with Speech Setup open
- 7. "Who was the boss?" with Speech Setup open

(The responses are below so you can try the egg first before seeing/hearing the responce)

Balloon Help

Also, try selecting the version number with Balloon Help in Speech Setup.

■Joking Around

From: Wayne Rugenstein (jsracer@sky.net) and Wraithe (Ianm@gnu.ai.mit.edu)

Note: This is borderline between an easter egg and an undocumented trick. The egg is a programmer's joke, but it is not very secret.

Using Speech Recognition 1.4.1 say "tell me a joke" and it will tell you a knock-knock joke. If you say "go away" it will abort the joke. This is not much of an easter egg since the joke file, "Tell me a joke", is pretty obvious sitting there in the "Speakable Items" folder. If you crack the file open with ResEdit, you can see all of the different jokes (there are a lot of them). If you do not know how to do a knock-knock joke, here's what you do: Your computer will say "Knock, knock," you reply by saying "Who's there?" When it responds with a name, repeat the name, then say "who?"



| **É**PlainTalk Voices (1.5)

From: MacWorld's MacSecrets

If you play around with PlainTalk's voices, you'll discover that four of them are musically inclined. The voices named Bad News, Good News, Pipe Organ, and Cellos each sing what you type, to specific melodies. Bad News sings a funeral march (specifically a Chopin Prelude). Good News sings to the graduation march Pomp and Circumstance. Pipe Organ sings to the theme music from the Alfred Hitchcock Presents TV show. Lastly, Cellos sings to "In the Hall of the Mountain King" from Peer Gynt, by Edvard Grieg. You may never hear these guys sing because they start over at the beginning of each punctuation mark. To avoid the problem, type the lyrics with NO punctuation. Then, if you have PlainTalk installed, you can make them speek in programs like SimpleText.

h Macro Editor

to "About Speech Macro Editor..." and Balloon help the pictures on the left-side of the window.

Speech Recognition's Characters

From: MacWorld's MacSecrets

Some of the characters you see in the Speech Recognition window resemble TV show personalities. Pat is from Saturday Night Live. Raymond is from the TV show, Raymond. There are also Connie (Chung) and Sally (Jessy Raphael, of talk-show fame).

Unusual Message

From: Patrick Dekker and Anthony Sciola (leaper@brown.edu)

I am told that in the Speech Setup v1.3 Control Panel, clicking the speaker icon and saying an often unusual message that was previously tucked away in the 'ttvd' resource will result in an egg. The text resource, I believe, is suppose to be "I sure like being inside this fancy computer". This egg will only work for version 1.3 of Speech Manager and will not work in any of the versions for the above trick described (the 'ttvd' resource does not exist in any of them).

In MacinTalk, version 1.4.1, and probably other versions, "I sure like being inside this fancy computer" is the sample text for the Fred default voice. A few other voices, other than the MacinTalk Pro voices, also have interesting sayings.

♥Voices (1.1)

From: Dave11383@aol.com

In the Voices control panel, if you hold Option and click on the version number, the selected voice says "Greetings From Tubian", or something like that.

These are the Responses to Above: (The phrase in quotes is spoken by the computer, while the phrase without quotes is written in the speech window. If the phrase has just quotes, it is spoken and written.)

- 1. "If there were any do you think I would tell you?"
- 2. "I'm trapped inside this computer and I can't escape!"
- 3. "I'm sorry, they did not have time to add my artificial intelligence module."
- 4. "He's a friendly ghost from ATG"-Version 1.2 updated by Jeff Shulman and Laile Di Silvestro
- 5. "Don't forget ATG"-Version 1.2 by Kurt Rodarmer, Matt Pallakoff and Arlo Reeves
- 6. "Not to mention ULQ"-Of course! I was tested by "Braz" Ford and Morgan Wize
- 7. "Our fearless leader"-The boss was Tim Schaaff

<u>Note</u>: ATG stands for Apple's "Advanced Technology Group". Also, Casper was the development name for Speech Recognition.

Control Panels

ĠApple Data Detectors

From: Dan Berger (bergerdg@aol.com)
I.D. 133 of the Ic18 resource is a dog. ---->





≰Apple Serial Modem (1.1.2)

From: Ben Haylock (ben@technologist.com)

The Apple Fax software installs this control panel. In additon, the control panel is only installed if you have a serial and not a built-in modem. Control-Option-click the logo in the top left corner. This triggers a clever Easter Egg: The control panel goes black, and an image zooms out from the corner. It's a photo of the development team on holidays in France, and has the caption "Hello from Paris". It's quite a clear photo for such an Easter Egg.

🚺 | 🖒 Adobe Type Manager (4.0)

Although ATM (Adobe Type Manager) is not made by Apple, but by Adobe, so many people own ATM that I decided to include this one. The process is simple. When the control panel is opened, hold down Command-Option-Control and select "About Adobe Type Manager". You will see a group shot of the programmers. Pass the cursor over their pictures and you will see their names at the bottom of the window.

In the control panel, press Option and click on the version number. Watch as its creator's name is revealed.

Turn Balloon Help on and point to the version number. The balloon will read "Wink, wink".

View (7.2.1)

alloon Help on the CloseView icon. Slightly creative...

This control panel did not return in System 8.

Color (7.1)

In the color control panel, click and hold down on "Sample Text" and you will see the name of the person who programmed it, "Dean Yu". Click again and you will see the other creator, "& Vincent Lo". If you click some more, on the 16th click you will see the name Don Louv. It's hard, but by clicking even more rapidly you will find the words "doodle doodle dee" (click 42) and "wubba wubba" (click 84).

The Color control panel and this easter egg have left us with System 8.0. May they rest in peace.



Control Strip (1.3)

From: Ed Hajdarpasic (ehajdarp@virtu.sar.usf.edu)

When you Option-click the "Current Hot Key" box below the "Define Hot Key" button, the name "Steve Christensen" appears in the header of the window, replacing "Control Strip."



Date & Time (7.5)

Balloon-help on "Daylight Savings Time" to see a common phrase. This egg was obliterated with Sytem 8.

There are also two pretty unusual cities in Date & Time and the Map. Lower Burrell (pop. 13, 200) and Lake Nebagamon, WI. Anybody know what programmer has a connection to these places?



Desktop Pictures (1.0)

From: Dan Berger (bergerdg@aol.com)

Name any PICT file "secret about box". Open it as a picture through the control panel. You will see a bird with credits on it's body. From: Dan

Then, look at ID 4005 in the STR# resource. String number 6 displays: "This balloon string is no longer needed, so I'll use it to say Hi Mom."



telitor Setup (1.2.1) € Editor Setup

From: Jory (jory@shoko.calarts.edu)

- 1. Duplicate the Editor Setup control panel.
- 2. Rename it to "About OpenDoc...".
- 3. Open the control panel.
- 4. Choose "About OpenDoc..." from the Apple Menu.

You will see a listing of all the people responsible for OpenDoc. According to an Apple engineer, they would have scrolled the list, but there wasn't enough time.



Energy Saver (1.1)

From:Patrick Dekker (PDekker@rullf2.MedFac.LeidenUniv.NL)

In the Energy Saver control panel, hold down Option and click on the text "Monitor Energy Saver" at the top of the window. This will bring up a simple credit box. This egg will not work with certain newer versions of the Energy Saver (there seem to be variations out there). This Control Panel comes with the AppleVision software, version 1.5.3.





Extensions Manager (4.0.1)

Click on the version number (version 3.0.3). In System 8 (version 4.0.1), you want to hold down Option and go to "About Extensions Manager...". Both ways will reveal credits.



Keyboard (8.0)

The Apple engineers have finally spiced-up the most boring Control Panel of them all! ...slightly. In System 8, hold down Option when going to "About Keyboard..." in the Apple Menu. You will find a little credit presentation.

Labels (7.1)

In the Labels Control Panel, delete all of the names of the Labels. Upon restarting your computer, you will find the letters "alanjef" under the Labels menu. This egg was removed to make way for new features in System 8.

Also, show the Launcher at system start-up by setting it in General Controls, and leave the regular labels in the Labels menu. Then, restart your Mac. Once everything on your screen is re-loaded, do nothing. Go up to the Labels menu. There, you will see the text explained above, "alanjef". Going to the Finder will erase it. Any other program that will discourage your computer from going directly to the Finder will have the same effect.

There is also an "m" in the File window. For more information on that, go to

"Mood Swings" in the Miscellaneous chapter.

| Launcher (3.1)

A secret about box is apparent in Launcher when holding down Option and Command keys and click on the background behind the topic buttons (very top buttons on a "raised" surface).

Macintosh Easy Open (1.1.1)

Using BBEdit and opening Macintosh Easy Open, you will see humorous, abnormal, and hidden message between the encrypted text: "Leave Our Mark On The Tree Weve Been To This Tree Before Preflight Paul" I have seen this message in other places.

Map (7.5.1)

When clicking on the version the phrase "v.7.0, by Mark Davis" will show in the dialog box. (His initials are also printed in Antarctica)

If you push Option-Find you can scroll through all the places on the map from A-Z. If you pass Zurich the names of the places will be in the native language they are spoken there.

Type **mid** and you will see the middle of nowhere.

German Map Eggs

From: Ansgar (eszterm@sunserver1.rz.uni-duesseldorf.de)

In the Map Control Panel of the German System 7.5, if you enter the city names Chicago or San Francisco, you will be shown some very strange places in the world. However, if you have a very detailed map (on paper, not the Control Panel), you will indeed find these places there. San Francisco is shown in the Baleares near Spain, and Chicago is some hundred miles west of Africa. Those places exist, but they have scarcely more than a few hundred inhabitants.

Memory (7.5.5)

Turn virtual memory on in the Memory control panel and hold down Option while selecting the hard drive to see some interesting credits. This classic was purged with System 8.

Monitors (7.5.5)

In Monitors, if you click on the version in the upper right hand corner, it will show some credits. While clicking, if you hold down Option, the smiley face will change. Different names will appear and will begin to shuffle once you push the Option button repeatedly, over 12 times. In early versions of the Monitors control panel, when you click on the version number, only a smiley face pops up. The colors mean that first and last names have made a match.

If Option is held down, in the Control Panel, and the mouse is not, you will see a smiley face inside the computer icon. If you have two monitors, moving the smiley face to the other computer will make it so that the start-up screen is in

that monitor.

♠ An engineer wrote this about the Monitors control panel:

"The Monitors' secret about box, when Dean Yu and I got a hold of it, was simply a bitmap with some names in it. One day Dean and I removed a lot of junk from the project (old useless bits). We had saved so much space, over 15k, that we felt it was ok to put a little bit back in to show that we'd been there. We added "Blue Meanies" as one of the names, the tongue sticking out when you toggled the Option key, and the swapping of first names."

I am sorry to say, but System 8 finally ended this legacy also.

Open Transport Control Panels: TCP/IP (1.2), **AppleTalk** (1.1), **Modem** (1.0.1) From: Brett Helbig (bhelbig@gorca.com)

In the Open Transport TCP/IP Control Panel, if you choose "About TCP/IP..." from the Apple Menu, a dialog pops up displaying the version number and the copyright info. If you hold down the Option key while selecting "About TCP/IP...", the same dialog pops up with the same info. However, after about 3 seconds or so, the version number and the copyright info disappear. Nothing appears in its place. The dialog just remains empty! The same thing will happen in the AppleTalk and Modem (Open Transport PPP) control panels. However, not the PPP control panel, as mentioned below.

PC Setup

A lot of thanks to Guido Bertoncini (guido.bertoncini@galactica.it) for this egg. Note: This control panel is used for the built-in Reply 'DOS on Mac' card, containing a DX2/66 processor which is used in Performa 630s and PowerPC 6100/66 DOS Compatibles.

In the PC Setup control panel, click on the version number while pressing the Command key. It will then start a 'RP-DOS' session on a mini PC screen. This session is suppose to do some diagnostic tests, show information, and modifies various DOS things. If you want, type "help" to see what it can do, as it is undocumented. However, there is also an egg in the control panel. In short, the egg is simply a list of programmers in DOS (which most of us could care less about since we bought a Mac to avoid DOS in the first place).

Instructions:

cd=change directory (will go to the directory).
dir=catalog directory (will show the directory).
Think of a directory on a PC like a folder on a Mac, but as you don't have a GUI to see the files, you must type these commands.

- 1. After entering the "RP-DOS" session, type **dir** to see the "Software, Hardware, Support and Quality" directories.
- 2. Then type, for instance, **cd hardware** to go to the hardware directory.
- 3. Then type **dir**, in the next field, next to the word "hardware" to see all of the names of those who developed the software for the Houdini Card.

- 4. Then type **cd** and one of the names; lets use the name **al_scalise**.
- 5. Type **dir** again next to "al_scalise" in the next field to see what that person did in that section. In this case it would say "simulations".
- 6. Type **cd** to go back to the previous directory.

Balloon Help

While running balloon help, click on the version number while holding down Option to see "This is the System Software Version... nothing more, nothing less." This feature works in version 1.0.7.



Power PC Control Panel

From: Peter F. Jarvis (st92kgmr@dunx1.ocs.drexel.edu) and John Kessler

With a PowerPC Upgrade card installed, go to the Power Macintosh Card control panel and hold down Command-Option while opening the control panel. A picture of the design team will appear. Turn on balloon help and click where the people's mouths should be. It will say funny things in the balloons.

For example, in the mouth of the guy wearing glasses and a blue shirt will say the following: "Top 5 reasons Apple should move to Texas: 5) Don't have to be an Apple CEO to afford a house. 4) Most Texans don't live in Williamson County. 3) Texans don't place 'The' in front of highway names. 2) Blue Texas sky, hot Texas summers 1) Real Mexican food."

Also, in an undocumented trick, just hold down Option and open the control panel. A check box appears that lets you choose to bypass a RAM test a startup.



The Open Transport egg explained! Remember that in TCP/IP, AppleTalk, and Modem control panels if you held down Option and went to "About TCP/IP", the copyright disappeared? Apple finally came to its senses with Open Transport PPP and put some credits in the PPP control panel to fill in the empty void. Just hold down Option and go to "About PPP..." in the Apple Menu.

Screen

Hold down Option and click on the upper half of the words "Screen Brightness" to see a credit for Gayle Wiesner. Don't ask me how I found this one.

QuickTime Music (2.1d5)

The first part of the egg is to go up to the icon in the upper left-hand corner of the window in the control panel. Clicking on it will change the cursor to a musical note. Next you want to hold down Option and click on the icon. Wait a few seconds and you will now see a window with a synthesizer on which you can play a number of things from percussion to harpsicord (more depending on what version of QuickTime Musical Instruments you have

installed).

Jump back to early 1995, QuickTime 2.1 development in progress: The QuickTime Music control panel is being developed in addition to other new features of this major upgrade. Its purpose is to handle where MIDI devices are connected to your Mac. It will have some sort of connection to the Macintosh MIDI Manager and QuickTime Musical Instruments. It may or may not be released. In the meantime, and easter egg is stuffed in the control panel to demonstrate the capabilties of the QuickTime Musical Instruments extension.

Jump to September, 1998: System 8 has been released and QuickTime Musical Instruments shares a spot in your System folder with other QuickTime 2.5 extensions. However, the MIDI Manager does not seem to exist (at least, you didn't install it). It appears the QuickTime Music control panel was never released, or is not in the regular QuickTime software package. No matter, you can still see the easter egg!

Open your MoviePlayer application (2.5.1) and open a MIDI file. Go to "Get Info" in the Movie menu. Change the left-hand tab to Music Track and the right-hand tab to "Instruments". Double-click on an instrument. What you now see is what I saw in the QuickTime Music control panel. It's greater purpose here is to switch instruments with other ones.

What happened to MIDI Manager or the QuickTime Music control panel? Were they ever released? Did they exist as older versions? My technical knowledge is limited in this area. If you can help me clear up the history (and future) behind the QuickTime Music control panel, please send me a message.



From: Dan Berger (bergerdg@aol.com)

Go to the ic18 resource. You should quickly notice I.D. 2010. --->



Sound (8.0.5)

In the Sound control panel, if you hold down Option and scroll down to sound input or any menu item, you will hear a sound and see some credits.

Also in the Sound control panel under Sound Effects (AV Macs), if you click and hold down on the little version and icon in the lower right-hand corner of the screen, a credit will scroll along the bottom of the screen.

The Sound control panel was also removed in System 8 to make way for better things.

things! (1.0a2)

I somehow got my hands on a really old Control Panel named "Things!", by Gary Woodcock. Its intention is to



explain various QuickTime components and help make the development of QuickTime products easier. I fiddled with version 1.0a2 from 1992. At the bottom of the control panel there are buttons to switch to different panels. One panel is an about box. To the right is the QuickTime logo. If you Option-click that logo you will hear a cat meow... kinda, see the picture displayed here, and a read line saying "Phaser says yo, dude!" In the control panel's resource, two Balloon Help strings (which I could not access outside of ResEdit) say:

"Gary is the owner of the phamed and pheared Phaser beast, pictured at right."

and

"Phaser says hi when you click on him."

Phaser also shows up in the Video Monitor about box (see Apple Programs).

TV Setup (1.0.1)

From: Brendan Bellina (bbellina@aol.com)

TV Setup will display a box with the authors' names when the version number is clicked.



Users & Groups (8.0)

From: Dan Berger (bergerdg@aol.com)

Make a new user in the control panel. Name that user "secret about box". Deselect the new user and sit back and watch the credits roll!

Window Shade (1.3.1)

In Window Shade, if you click on the mouse button in the picture, you will see some credits by the author. This will not work with version 1.2 or earlier. Window Shade was replaced in System 8.

Drag & Drop Eggs



There are three drag & drop easter eggs in your computer: The Breakout game gave credit to those who made System 7.5. The Apple Headquarters egg commemorated those who created System 7.5.2, and then System 7.5.3. And the Secret ROM Image was a gift to those who created the first PCI Macs.

The first two are Apple's most widely known easter eggs and are commonly referred to as "secret about boxes". Because of that, I figured it would only be appropriate to dedicate an entire chapter of my file to the eggs that made Apple well known for its hidden screens. The Secret ROM Image is sure to also become well known in the future. Below is the most comprehensive description of the secret about boxes you will find anywhere. If you have any further information behind these eggs, I would be happy to add it to this collection.

First, let me clear up one thing: The "Headquaters" egg was intended, at first, to work on all MacRISC machines, which are basically PCI PowerMacs. Since it is most widely referred to as a "PCI Mac egg", I will leave it at that. Second, you must have the clippings extension installed for the drag & drop eggs to work.



Breakout Game

Note: Works in System 7.5 Only

If you type **secret about box** in Stickies, or any program that has drag and drop capabilities, and drag it to the desktop you will find yourself playing a hidden Breakout game with credits on the bricks to those that made System 7.5. The object is to knock a ball into the bricks and eliminate them without letting the ball go past your paddle. However, in this game you have unlimited lives and the game starts over again once you beat it. Each time you play, the names will move.

Breakout Game Desk Accessory Trick

Note: Taken out of System 7.5.3

You can get that about box from 7.5 into 7.5.1. It is a bit confusing but if you follow these directions closely you should be able to play the breakout game right from a desk accessory. Here's how:

First, copy a small DA such as the Calculator and rename it "Secret About Box." Next, use ResEdit to open both the System File and the Secret About Box desk accessory. Now copy the contents of the timd resource ID 12 in the System File into the DRVR resource ID 12 of the desk accessory. To do this, double click the timd resource icon in the System Files and select resource ID 12. Then choose Open Using Hex Editor from the Resource menu. Next choose Select All from the Edit menu followed by Copy. Now double-click the driver resource ID 12,

and choose Open Using Hex Editor from the Resource menu. Choose Select All, followed by Paste. Save your changes in the DA and Quit ResEdit. You now have your own Secret About Box desk accessory. By William S. Peters in the November '95 issue of MacWorld. Page 146.

Or... All you need to do is drag the "System 7.5 Update" file out of the System Folder and restart. You are now running under System 7.5.

Sreakout Game on a PCI Mac

From: Jon Fullmer (jon@amembal.com)

This egg is probably only known among a few Mac users out there. Take your "Secret About Box" Desk Accessory created in 7.5.1 (follow the directions above), put it on a disk, and bring it to a computer that came with System 7.5.2 and has System 7.5.2 installed (all early PCI Macs); then play. There are no major changes but instead of the dedication being there for those who made System 7.5, it is for those who made System 7.5.2.

This egg is definitely very clever, and I applaud all the Apple engineers that thought of it.

Warning! - Techie Note: There is an ID 28 of the 'timd' resource in the System of a normal non-PCI Mac with no name or information. This same ID is in the "System 7.5.2 Update" file, but this time it has a name, "Who". This has drawn me to believe that that ID may be the source of the code for the Breakout game egg on the PCI macs.

The History of Breakout

There is some history that may tie into the Breakout easter egg:

Steve Jobs was of the first 50 employees at Atari, a Silicon Valley game company. Atari developed an incredibly famous game by the name of Pong, a simple electronic version of ping-pong. Nolan Bushnell, the company's founder, was eager to come up with a successor. He envisioned Breakout, the same type of game you play on your computer with System 7.5.

Steve Jobs was asked to create the circuitry of the game. Jobs had soon realized he had gone over his head and asked Steve Wozniak for some help. (If you don't know yet, Steve and Woz started Apple.) Woz agreed and created the game in four days with very few chips. His design for Breakout was so brilliant that none of the Atari engineers, including Jobs, could figure out exactly how it worked, which made it impossible to test, so the entire thing had to be redesigned in-house before it shipped.

There is a bit more to this story that eventually made some things go sour between Jobs and Woz, but you will need to read about that in The Mac Bathroom Reader

Apple Headquarters

......

System 7.5.2: Marconi (named after Gugliemo Marconi, 19th century Italian engineer)

From: Ronald Bruck (bruck@mtha.usc.edu) and James Renken

Important Note: QuickDraw 3D is not needed for this egg.

On any PCI Power Mac, or any computer with System version 7.5.5 to 7.6.1, if you type **secret about box** (<u>no capitals</u>) in a text application that supports drag and drop, and drag the text to the desktop, you will see a picture of the Apple headquarters and a flag in the foreground, with the logo "iguana iguana powersurgius" (PowerSurge was the code name for the PCI Macs).

By moving the mouse around you control the direction the waves. In fact, you can make it break off, fluttering toward the ground and off the screen. The best way to get the flag to come off is to "whip" it back and forth (by moving the mouse up and down, at the right of the screen) and at just the right level of violence, it breaks off.

Using the codes given below, there is an easy way to make the flag come off. If you show the mouse coordinates (holding down W....), set the mouse to '0,0' and let the flag stop waving. Then pull the mouse quickly to the right and then move it up and down very rapidly. Once the flag is off, you can control the direction of drift with the mouse.

The name of the iguana on the flag is Herman, and he is a 3.5-foot-long reptile that lives in the cube of Dave Evans, one of the OS engineers in R&D. He was the mascot for Marconi (System 7.5.2). Herman, not Dave.



Iguana iguana powersurgius

If you wait long enough, the picture on the flag will change to a picture of the development team.

Text scrolls by at the bottom saying "Watch out for low-flying iguanas". Credits follow.

Other Options

If you drag the text "secret about box" onto the desktop while holding these keys (American keyboard layout), you get different results (push the key after you start dragging the text):

- •If you hold $\bf p$, you will see a picture of the design team, with an iguana in their laps, on the flag. However, in System 7.5.3 holding down $\bf p$ will produce the MacOS picture.
- If you hold q, you will see a pink flag and blank background with a message

that QuickTime must be installed to see images.

- If you hold down **w**, you get a dialog in the upper left hand corner displaying the coordinates of the mouse.
- If you hold down t, you get a dialog showing the frames per second, which changes while the flag is waving.
- Holding down the the **s** key will eliminate the credits. From: Rafi Goldberg (RafiMG@aol.com)

<u>Note:</u> You can combine these keys for multiple effects. •Also, the keys in other countries vary due to different keyboard layouts. For example, pressing 'Q' on an American keyboard would mean a person in France would have to press 'A' to have the same effect.

Thanks to David Creech (d-creech@uiuc.edu) for help with the keys!

♥What some of the Scrolling Text Means:

There are very random phrases and credits scrolling at the bottom of the System 7.5.3 Headquarters secret about box. Here is the inside scoop on the relationship between some of the text and the new desktop patterns, from an Apple engineer:

"For 7.5.3 on PCI PowerMacs only, there are a bunch of new desktop patterns. Since a bunch of the previous patterns are lame, hideous, or both, we decided to make some more. They are pictures of things around the R&D campus, like the sidewalk, grass, wood chips, and rocks. The rocks picture was manipulated in Photoshop to be a continuous pattern. That's what the line 'Hey Deric and Geoff--nice rocks!' means in the 7.5.3 secret about box.

The pattern that looks like a tannish lattice or tile is actually a picture of a moldy shower in one of the engineer's home. The black on with roses is the skirt of one of the project managers, and the new Scottish tartan colors are the actual ancestral colors of two of the engineers on the update team. One of them is the Dave referred to in the 'Hey Dave, what's under the kilt?' line in the secret about box. Bet you didn't think so much could be hidden in plain sight!"

The Source:

I was probing through the "System" file (version 7.5.2) on a PCI Mac recently and found where the guts of the iguana egg lie. Most of the information for the egg is located in the 'timd' resource, in ID 25. If you open it up, all you see are some typical codes, but close to the end of the garbled test is a line that says "rob's window". It is believed there

is no way to trigger this message in the easter egg.

ID 31 of the 'timd' resource in "System 7.5.2 Update" file has most (if not all) of the information in the above ID 25. On top of that, ID's 26 & 27 have pictures of the Iguana and

the Apple campus respectively. The fix is in there due to the new Drag Manager in System 7.5.3 which would have otherwise eliminated the egg. The pictures need to be viewed with a JPEG or JIFF viewer. CanOpener did all of it for me. While they were fixing the code for the Drag Manager, the about box was updated to credit people who worked on the system update, unfortunately taking out everyone who worked on it before the update.

On a PCI PowerMac (desktop computer only) type "secret ROM image" in any text application (i.e. Stickies), select it, and drag it to the desktop. A giant picture will appear of many Apple programers and engineers. These are the pictures of the people who worked on the hardware and low-level drivers for PowerSurge (the code name for the PCI PowerMacs). Go to my web site to see the picture.

Its primary location (besides the image which is in the ROM) of the trigger is in your System file (7.5.2 or 7.5.3) in the 'timd' resource at ID 30. There is a closing statement at the end saying "secrets lurk in ROM". This resource is the trigger, but the picture lies in the ROM. There also appears to be a fix in ID 30 of the 'timd' resource of "System 7.5.2 Update" due to the new Drag Manager in System 7.5.3.

The secret ROM image cannot be triggered in System 8.

Apple Programs

Apple Applet Runner (1.0.2)

In this new Application, hold down Option and go to "About Apple Applet Runner..." You will see a huge list of credits. The "OK" button is hidden in the lower-right corner of the window. Pressing Return will get you out of the credits.

∮∭ ≰Apple Directory (1.5.4)

Apple Directory is an internal program at Apple. To find the egg, first turn on Balloon Help and drag your cursor over the icon. You will see this:

AppleDirectory

Use this application to look up information about Apple employees, contractors, and other interesting bits of information.

Look at the secret about box! Hold down option and choose "About Apple Directory."

Second, do what it says. I am not connected to the network so I don't know what will appear. All I get is a blank window.

★Apple Internet Access (System 8; 1.0.1)

Things have changed. The Apple Internet Connection Kit no longer exists since the introduction of Internet Access, now standard with System 8. The Balloon Help strings are gone from Internet Configure and Apple Internet Status has been removed.

In fact, there is only one easter egg now. In both Internet Dialer and Internet Setup Utility, clicking on the icon in the about box will display a list of credits. Nothing more... nothing less.

Apple Internet Connection Kit (Before System 8)

- Credits: I would like to thank Paul Britt Garcia (his e-mail address is way too long to publish) for most of the help with this program, but also thanks to to Brian Kamlin (kamlin@hevanet.com) for first informing me of the AID easter egg.
- Code Name: Cyberpup (a hurried stripped-down version of Cyberdog)
- Instructions: The instructions for the Apple Internet Dialer are easy to follow but for AIS and some of IC you will need ResEdit. Got to the STR# resource of the application, then to the given ID, and finally scroll down to the appropriate string. Some of the text can be seen through Balloon Help but other text cannot be found.

The below italicized programs are all a part of the Apple Internet Connection Kit.

Apple Internet Dialer

AID dials your internet provider and then optionally launches your choice of programs, (usually Netscape Navigator or Claris E-Mailer Light). It also launches AIS and then quits itself

In the connect screen of the Apple Internet Dialer, if you click on the computer with the globe next to it while holding down various keys, it will display a variety of messages and do various things.

- Clicking on the Macintosh icon in the main window causes it's right eye to blink.
- Option-clicking on the Macintosh icon causes the following message to run across the icon's monitor: "The other Ron managed the whole thing and Steve was seen somewhere in the vicinity"
- Control-clicking on the Macintosh icon causes the following message to run across the icon's monitor: "Ron, Abe, Cyrus, and Mike found the bugs so you don't have to! What a group of guys!!"
- Command-clicking on the Macintosh icon causes the following message to run across the icon's monitor: "Welcome To The Internet. From: Rick(rreynold@rockstar.com) & Gary (garyaiki@crl.com)"
- Command-Control-clicking on the Macintosh icon causes the following message to run across the icon's monitor: "The marketing folks, Lance, Richard, Beth and Lynn. You bought this so they done good"

Apple Internet Status

AIS consists only of a single window displaying a spinning globe, your current connection time, and a button that either dials or hangs up.

STR# ID = 1030

The String 9) C00perT1N0FruitC

STR# ID = 1020 from Apple Internet Status

The String 27) AEObject-Editon Sample would like to complain about an error it encountered, please bring it forward so it can whine at you.

🟅 Internet Configure

IC lets you input all your internet settings one time and then writes that information into the preference files of all your internet applications (Netscape, Fetch, News Watcher, etc) so you do not have to type the same information into each one. Some of the phrases below can be found in the pull-down menus.

STR# "Balloon Help Strings" ID = 26724

- 20) Type your News authentication username here. Just leave this blank unless you have problems with News authentication (in which case you should kill your system administrator).
- 93) Open a new preference document. Not available because we don't like you.
- 95) Open an existing preference document. Not available because we don't like you.
- 97) Open the default Internet Preferences Document. Not available because we don't like you.
- 99) Close the front window. Not available because there is no front window. Obvious really.
- 103) Save the current document with a new name. Not available because no document is open.
- 117) Select All. If you don't know what this means, I suggest you go back to Macintosh Kindergarten.
- 119) Use this menu to mess with the Internet Configuration extension.
- 123) Beats me why this would be disabled.

- 14) Our enemies shall talk themselves to death, and we will bury them with their own confusion. We shall prevail.
- 16) Warning, font crime is being perpetrated. Call 1-800-FONT-CRIME to report this offence!
- ▲Another balloon help egg: Turn on Balloon Help. Open the File Server window and point to the Archie Server entry. You'll see the message "Use this popup menu to choose your preferred archie server. Pretty pointless since you need to query three or four archie servers before you get an answer, but maybe one day it'll all work..." From: Harold Tessmann III (macmog@umich.edu)

AppleScript (1.1.2)

AppleScript 1.0 Code Names: Cheeze Whiz, Toy Surprise, Gustav AppleScript 1.1 Code Names: Guava Surprise, Pure Guava

AppleScript Editor

In the AppleScript Editor, choose "About Script Editor..." from the Apple menu. Then hold down the Control key and click on the program's icon or the text "The Script Editor" to see the words "Guava Surprise". Then click the Credits button. The credits have changed! For more fun, do the same for "About AppleScript..." to see "Pure Guava". In System 8 (version 1.1.2), they both say "Dynamic Tofu".

In the Apple Script Editor, selecting Balloon Help and then pointing to the "Windows" menu displays "Use this menu to bring various Toy Surprise windows to the front..." Pointing to "About the Script Editor..." or "About AppleScript..." (from the Apple pull down menu) shows "Displays the Script Editor's keen About Box." Finally, place your cursor over "File" in the Menu Bar. It will say "Use this menu to create, open, save and close script files; print; set preferences; and quit Toy Surprise." From: Brendan Bellina (bbellina@aol.com)

AppleScript Applications

From: Nigel Brady (NigelBrady@aol.com)

AppleSearch Server and Client

AppleSearch Code Name: Bogart

Choose "About AppleSearch Server (or Client)...", then click the icon.

≰AppleLink

From: Terry Schussler (schussler@gmatter.com)

The AppleLink program has a resource audio egg containing the Hawaii Five-0 theme music. AppleLink is Apple's internal e-mail communications system.

At Ease Code Name: Tiny Toons

- •While in At Ease, hold down Option while going to "About At Ease...". After a few seconds you will see some credits below the moving heads.
- •In any version other than 2.0 (worked in version 2.0.3), and before 3.0, when going to "About At Ease..." click on either of the two the middle heads and hold down for a couple seconds. It will then show pictures of the engineers. Holding down Option is not required for this egg.
- There are also some unused balloon help strings in the resource of AtEase 2.0.3. Follow these directions:
- 1.) Open ResEdit (or some other editing program)
- 2.) Open a copy of the At ease file in your System folder
- 3.) Locate STR# 172
- 4.) The Balloons read:

This is Mark
This is John
This is Gene, He needs a haricut and a shave.
This is Scott, He's really neat. He added these balloons
This is Mike
This is Paul

Supposedly, these balloons do not appear in the About Box.

- **€** Also, try this in 2.0.3:
- 1) Turn Balloon Help On.
- 2) Open At Ease Setup.
- 3) Go to About At Ease.
- 4) Click on the middle of the lower-second man's body.
- 5) The expression on his face should change to a mad frowning face.

Above two eggs are from Jonathan Sawatsky (sawatsky@cronus.oanet.com)

• In version 3.0 of At Ease, holding down Option and going to "About At Ease..." will change the pictures of the two 'stick men' to the original pictures

you saw in previous versions.

Disk Archive/Retrieval Tool

Choose "About DART..." from the File menu while holding down the Option key. In addition to the normal information, the window displays the name of the programmer, David Mutter, and those he wishes to thank.



Disk Copy (6.1.2)

From: Jim Monahan (monahan@en.com)

Double-click on the icon to start the Disk Copy 6.1 program. Now go up to the Apple Menu and select "About Disk Copy..." Holding down the Command key, point to the Copyright text. Then click and hold the mouse button. It will give you a scrolling list of developers, but only as long as you hold down the mouse button.

A second "Aloha!" egg can be found by holding down the Option and Command keys, pointing to the copyright, and clicking and holding.

Find File (1.1.3)

Hold down Option while selecting the category from the first pull-down menu. You will find a few knew options at the bottom of the menu, including "visibility". Visibility is very useful for egging invisible files. However, the hidden options are not easter eggs but undocumented tricks.

Open up Find File with ResEdit and open the DATA resource. Inside there will be one resource, ID #0. Open that and scroll through the hexadecimal code to find the programmer's secret message that says, "I liked Vacuum tubes better." In the CODES resource, the name for ID #13 is "Balloon Hell".



Gerbils!

From: Ephraim Lindquist (ephraiml@cp.duluth.mn.us)

Gerbils! is a fun little game made by Apple solely for the demonstration of QuickDraw 3D's capabilities. Hold down Option while selecting "Rendering". In the Textured Track sub-menu the names "BRIAN'S HEAD" and "DAN'S HEAD" will be listed until you quit the program. Select either of those two and you will see the designated head on the track.

Opening up the file with ResEdit, you will find that the heads are in the PICT resource, ID locations 145 and 146. A great idea is to replace these heads with a picture of yours.

Brian Greenstone's picture came from some Super Nintendo games which Brian had programmed. He used his head as an easter egg in those games and decided to use it again in his newest creation–Gerbils!. From: Jeff Davies



Graphing Calculator (1.0)

Graphing Calculator Code Name: NuCalc

Turn on Balloon help and go to "About Graphing Calculator...". Then click the "Credits" Button.

- There you want to simply drag the mouse over the window containing the credits.
- Go to the next page and drag the mouse over both sides of that window.
- Also, Balloon help the CSC button in the full keypad to see at the bottom "c.f.E. Rutherford, Phil. Mag. 21, 669 (1911)". I believe this is the nuclear physicist (also known as Baron Rutherford) who, in 1911, worked out the nuclear theory of the atom.
- Finally, drag balloon help over the application's icon itself.

Not an egg: In the 3D Surfaces Demo mode of Graphing calculator the last demo displays the graph for the equation z=cosnø (The ø is supposed to be a theta, which is Option-T in the application). You can speed up the demo by pushing Tab. After this graph is displayed it will replace the checker board texture with the Apple logo for the same equation. Once it displays the newly generated graph it will restart the demo, but by pushing Return, while the Apple is still there, you can stop the demo and generate a new 3D graph. You should notice that the Apple stays, and will do so until you quit, run a demo, or switch to 2D. From: Chris Callac (ChrisC1234@aol.com)

A side note: Did you notice that Apple has not updated Graphing Calculator since its introduction on the first PowerPC models in 1994? That's what you call one highly efficient and stable program.



HyperCard: WildCard (hence the creator code WILD) HyperCard IIGS: Bullfinch HyperCard 2.0: Snow, Hot Water

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Hold down Option when going to "About HyperCard..." to see some extra system information. Some of it varies with the Macintosh. Also, in version 2.0 or 2.1, if you entered your name in the Chooser (6.0) or Sharing Setup (7.0) your name will appear under "HyperCard by John Doe". There is a trick to this though. If you don't have your name in either of those two places, the name of one of the many developers will appear instead of where your name would be.

Look at the data fork of any Hypercard stack (American or foreign) with a good text reader like Word. The last fifteen bytes say "Nu Är det slut...", which is Swedish for "The end" or "That's all, folks". I am told the English text "That's All Folks" was there in early versions of Hypercard. From: Kristbjorn Gunnarsson (a95krigu@ida.his.se)

▲ Also, in the Hypercard Audio Dialog Box, click on v.3.0 to see some credits. (I have no clue what the Hypercard Audio Dialog Box is.)

From: AlphaGam9

Installer (4.0.3)

There are many classic places to hide easter eggs. We have all seen the Monitors egg or have run into "About The Finder...", but many of us forget about the Installer which has always held some of the greatest easter eggs. Below are just some of them. There are more Installer eggs for specific software riddled throughout this collection. Next time you install something, take a look around.

- •In version 3.0.1 (the one that comes with System 6.0.7 and 6.0.8), after dismissing the initial welcome dialog, type "ski". A humorous list of the developers will appear and you will be able to choose from five wait-cursors: the hand with the moving fingers (standard), a spinning globe, the familiar spinning disc, the even more familiar wristwatch, and dots that move.
- In version 3.2 (the one that comes with System 7), hold down Command and Option while the Easy Install screen is up. The Help button becomes "About", and clicking on it brings up a few screens of credits.
- •There is an interesting, if not entirely exciting, tribute to everyone who worked on the Installer v3.4. Click "Okay" at the splash screen. This brings up the "Easy Install" screen. Press Command and Option simultaneously. The "Help" button changes to "Credits." Then click on that. One place this installer appears is on the "CD InstallMeFirst 7.1" for the Mac LC520.
- In the Installer 4.0, hold down Caps Lock and go to "About the Installer..." to see some additional credits. Also, look in the INIT resource. In the only ID there, it will also display "WaitForFinder (dispatches the Installer death squad)"

which also appears in the "Installer Cleanup" extension.

- After installing 7.5.3, double click the installer, version 4.0.3, and hold down the Option button to do a Custom Install. Select Printing, click older for every choice. Just before the installation finishes, a splash screen comes up with bouncing apples and a long list of humorous credits. It may work with the custom installation of any software for version 7.5.3. From: Chris Stone (CIStone@aol.com)
- In their November '97 issue, MacAddict magazine claimed that a similar egg to the one above was never released. Apparently the author says that the egg was intended for System 7.5.3, rev. 2.0 for the Tanzania System (an early PowerMac motherboard). Supposedly a bouncing, six-color Apple would appear in the Installer startup screen after several seconds of inactivity. A middle manager apparently discovered the egg by accident and demanded it be pushed back to System 7.6. The egg was never put in System 7.6 because it had not been tested.

Lan Satellite

Under the View menu, choose "Recognition..." and scroll through the listings. Towards the bottom you'll find iconic representations of the early PowerPC Macs and their names! Lan Satellite is some sort of Appletalk scanning program. And no, this is not an egg, but I have never seen or heard of this program. So, for those who own Lan Satellite, I thought you might be interested.



The application MacCheck has as creator type 'BART', which is related to the character Bart Simpson from the cartoon "The Simpsons". The owner resource (named 'BART') contains this: "Don't have a cow man" - a common phrase

uttered by Bart Simpson.

Merlin is an internal program at Apple. The only easter egg I found in it was the name for a text field in the resource. The field contains a lot of information intending to explain the Base Salary Report. The title reads, "amazing amount of text for BaseSal Help." It's at ID 129 in the TEXT resource. Nothing big, but, after all, it is an easter egg.

QuickTime SimplePlayer & Movie Player

Press Option while you select "About SimplePlayer..." to see gray-scale cats. This will not work for MoviePlayer.

When playing a QuickTime movie in either program, hold down Shift and double-click inside the main movie window itself. The movie and sound will play backwards. There are some other undocumented features, but I believe this one was meant solely for humor.

ResEdit (2.1.3)

When using ResEdit 2.1.3 (other versions should work), if you hold down the Apple, Option, and Shift keys while selecting "About ResEdit..." in the Apple Menu the message "Start Pig Mode" will flash on the screen and an oink sound is heard. If you choose to start "Pig Mode", you may repeat the previous action to see "Stop Pig Mode (no oink)" appear. "Pig Mode" is used for more advanced programming. When you put ResEdit into "Pig Mode", resources will be compacted and purged each time ResEdit goes through its event loop (several times a second). It will slow down the system, so I don't recommend you use this.

If you turn on pig mode, while running ResEdit from a floppy disk, the computer will "oink" a few times each second (most easily heard on an old Plus in a quiet room). Your machine might crash, so beware!

When holding Apple and Option and selecting "About ResEdit", you will see some credits too.

♥Simple Sound (1.0)

In this Desk Accessory, go to "About SimpleSound" in the Apple Menu. Click on the icon to reveal SimpleSound's creator.

Stickies

Type "Antler!" in a new note and press return. You will then see a picture with two names. Make sure you type just "Antler!" right after you create a new note. If anything else is written previously or if there is any editing done, it will not work.

Using ResEdit, if you open up the WDEF resource and open ID #128, it says "DEAD BEEF". This is a typical hexadecimal value meaning "unused". It is similar to spelling out "hello" on a calculator by entering 01134 and turning the calculator upside-down. From: Anastasia Cook (Oohlalune@aol.com)

♦ SWORD (4.5)

SWORD is an internal networking program used at Apple. It pokes a little fun at people who try to find the easter egg. In my search for an egg, I held down Option and went to the About Box. It grouched back "What, you expected something to happen just because you found the Option key? Try again!". So, I tried Shift. The program replied, "So you expect the Shift key to do something." I never did find a separate list of credits.

Hidden in the resource are a couple other goodies. They include some Bloom County icons, among others, and that picture of a woman sunbathing. The woman also appears in the program ARIA Assistant.

TeachText

In TeachText, holding down Apple (Command) and Option and selecting "About TeachText..." from the Apple menu will show some extra credits.

Video Monitor

In the application Video Monitor, which came with most AV computers, go to "About Video Monitor...". From there hold down Option and click on the picture of a video camera. Replacing "Apple Computer inc...." is "Written by Gary Woodcock-Animal Magnetism by Phaser". Video Monitor has now been replaced by the Apple Video Player.

There is also a reference to Phaser in the Things! control panel about box.

CD ROM Eggs



7200 System Software CD QuickTime Video

7200 Code Name: Catalyst From:Mukesh Agrawal (quichem@umich.edu)

In the System 7.5.2 Software CD, Version 1.0, for the 7200/75 and 7200/90 (the CD that you use to reinstall the system software), there is a QuickTime movie of the 7200 testing team in Ireland. It is an invisible file called "7200 QCRM Movie". The path is Apple Extras/QuickTime Extras/Movies /Photos/7200 QCRM Movie.

Since it is invisible, you need to copy the Photos folder to your hard drive, and then used ResEdit to make the file,"7200 QCRM Movie", visible by Getting Info. on it; or you can open MoviePlayer or SimplePlayer first and then open the file from the application.

€ Carnage (MacAdvocate CD)

From: ChrisC1234@aol.com

In the MacAdvocate CD - Spring 1997 from Apple, there is a file named "`Carnage!" with an icon of a pair of sunglasses. It is a sound file. It will play a compilation of all of the sad mac sounds (death chimes) from the Mac 128k all the way through the newest PowerMacs. The path to the file is MacAdvocate: Mac OS: Helpful Hints and FAQs: Frequently Asked Questions: `Carnage!

Group Upgrade (System 7.5)

From:Glenn Thomas (windowglen@poboxes.com)

Follow this path to find an Apple movie:

- 1. Get the CD called "System 7.5 Group Upgrade".
- 2. Go into folder "Macintosh System Install".
- 3. Then into folder "CD extras".
- 4. And finally, into folder "Team Movies"

There you will find two movies of the engineers.

Random Number

From: Matt Brubeck (mbrubeck@jetbbs.com)

In the Performa CD that includes system 7.5 and comes with Performa 6100s, the file in the Restore All Software folder, called Data File 46, is actually a folder. It is the system folder used by the Performa CD. It contains, along with the system software and an invisible System, a folder with a blank icon titled with something that looks like a phone number: "694-0330".

In the last release of this file, I suggested the folder's name may be a phone number. I was way off. This is the correct explanation of the number from

All software configurations are given a number in the format of XXX-XXXX by Apple, and represent the pre-loaded software configuration for a certain series of Macs. Apple Authorized Service Providers can subscribe to CD-ROMS of these configurations called Restoration CD's, which are used to restore a customer's system software to the exact configuration that came with the Mac from the factory. The XXX-XXXX is Apple Service's format for all of their part numbers (except for a few older part numbers in the format of XXX-XXXXX).

System 7.1 AV CD-ROM

Code Names: Quadra 660AV was Tempest and Quadra 840AV was Quadra 1000 and Cyclone

There is an invisible QuickTime movie, "Our Gang!", inside the Preferences Folder, inside the System Folder, inside the disk "Macintosh CD-Install Me First" that came with my 840AV and the 660AV and that has system 7.1 on it. It may also come with other computers, but I am not sure. The CD has a 5 minute home-made video by one of the programmers at Apple.

Since it is invisible, you need to copy the Preferences folder to your hard drive, and then used ResEdit to make the file,"Our Gang!", visible by Getting Info. on it. Or you can open MoviePlayer or SimplePlayer first and then open the file from the application. There are also a couple of pictures of the development team tucked away in the CD.

System 7.0 CD Eggs as told by Greg Marriott

- There are more pictures and text at http://www.spies.com/greg/eastereggs.html
- Greg's home page is at http://www.spies.com/greg/.

Parade

The coolest one, by far, was the parade hidden on the CD containing version 7.0a9. All I can offer are some still shots from the storyboard... It worked something like this: an alert came up when you booted the software. This alert had a bunch of legalese about no warranty and pre-release software, and you had to dismiss it to continue the booting process. But if you left the alert alone for ten minutes, then the parade would start. It began by having an animated band leader push the text of the alert out of the way. Then a curtain would come down behind him as the music started to play (a 1954 recording of Kid Ory's Creole Good Time Jazz Band performing When the Saints Go Marching In). Across the screen marched an assortment of circus performers carrying a banner. The banner had a lot of text about the people on the project. Sheila Brady was the main artist on the parade. This picture is shown at 50% of the actual size....





(go to http://www.spies.com/greg/a9paradetext.html to see the banner text)

Not A Parade

Version 7.0a12 also went out on a CD, and we didn't take the time to make something as cool as the parade. I just couldn't bear to put nothing at all in its place, though. One of the things developers would do is use MacsBug to defeat the 10 minute time delay on the a9 parade. I thought this was cheating, so I made it extra hard (i.e impossible) to defeat the time delay on the secret boot-time Easter Egg in 7.0a12. After 7 minutes of waiting (I thought 7 minutes was far more appropriate than 10 minutes...) a still shot came on the screen. No music, no animation. It was really lame compared to the parade, but I thought it was way better than nothing. Sheila Brady was the main artist on the non-parade. This picture is shown at 50% of the actual size...



(The text in the upper-right corner says "Parade brought to you by C.Derossi, M. Reed, D. Adler & S. Brady. Lack of Parade brought to you by G. Marriott.")

System 6

Code Names: System 6.0.4: Antares; System 6.0.5: Big Deal; System 6.0.6: SixPack;

System 6.0.8: Terminator

Chooser

In Chooser version 3.6, click on the version number to see the credits "scott douglass, fjs, jhl" in the User Name box.

Control Panel

To see a few credits, click on the version number in the lower left-hand corner of the application. This applies to the combined control panels where they are all accessed through one application. The version I checked was 3.3.3.

Early Copy of Multifinder

Code Names: Juggler, Oggler, Twitcher

Leave the "About MultiFinder" box open for about an hour. It will turn into the message "[rot13] V jnag zl, V jnag zl, V jnag zl ybbx naq srry."

Brad Brown (Zoocat@aol.com) adds this:

The rot 13 means the letters are rotated down the alphabet 13 letters. When you take it back to normal, it says: "I want my, I want my, I want my look and feel."

MultiFinder 1.0 (distributed with System Software prior to 6.0)

Hold down Command and Option while selecting "About Multifinder" from the bottom of the Apple menu. A scrolling list of credits appears.

MultiFinder 6.0

Select "About MultiFinder" and leave the dialog box open for an hour or longer. If you don't have the time, patience, or system it says:

"I want my"

"I want my"

"I want my l--k and f--l"

System 7 & 7.1

System 7: Big Bang, Blue, M80, Pleiades; System 7.0.1:Road Warrior, Beta Cheese



Blue Meanies

System 7.0 & 7.1 System files have text hidden inside of them. Read the next chapter for more information.

Floppy Disk Trick (7.0)

Insert a floppy disk and rename it "KMEG JJ KS", or "Like Wow Man.HFS For 7.0!" (where the space after 'Man.' is actually an option-space; you'll have to type this somewhere else like the Note Pad then cut/paste it into the disk name), or "Hello world JS N A DTP" (exactly as is).

Eject the disk using Commad-E and double-click on the ghosted disk icon. The resulting message is "HFS for 7.0 by dnf and ksct". In other words, it is saying "Hierarchical File System for System 7 by David N. Feldman and Kenny S. C. Tung."

German System Hack (7.1)

From: Ansgar (eszterm@sunserver1.rz.uni-duesseldorf.de)

If you open the german system 7.1, you will find in STR# -5696, line No. 33 the following: "Was ist das?? Steffen Klaren!!" For those who do not speak german, it means "What is this? Steffen find out!".

Interesting Times (7.0)

With ResEdit, take a look at STR# resource -16415 in the System file. The first string in the resource reads "May you code in interesting times."

Wheat Williams (Wheat_Williams@atlmug.org) explains what the egg means: "May you code in interesting times" is a variation on a traditional Chinese taunt or insult, which goes: "May you LIVE in interesting times." It is understood that this means that the Chinese like their lives to be simple and mundane. But to live in "interesting times" means times that life is full of civil unrest and intrigue.

System 7 Tune-Up 1.1.1

Code Name: 7-Up

The owner resource of this third Tune-Up release contains the question everybody asked when it was released: "Again?". **6** More specifically, I am told by an engineer that it's from Rocky and Bullwinkle:

"Bullwinkle says, 'Hey, Rocky! Watch while I pull a rabbit out of this hat!' Rocky says, in a somewhat exasperated voice, 'Again?' Bullwinkle reaches into the hat, only to pull out something unusual, perhaps a roaring lion's head.

Working on Tune-ups, especially 1.1 and then 1.1.1, was not entirely unlike that."

System 7 Tune-Up 2.x

From: Dieder Bylsma (bylsma@unixg.ubc.ca)

After the first update, (the first 'tune-up') this second one was released. The way the subsequent installers knew that it (tune-up 2.x) had been released, was a new resource in the System file by the name of 'TUNA'. Get it? Hint: Say it very quickly.

Unused Secret About Box by Greg Marriott



- There are more pictures and text at http://www.spies.com/greg/eastereggs.html
- Greg's home page is at http://www.spies.com/greg/ and his internet address is greg@genmagic.com

System 7 has a secret about box. I'll bet you didn't know that. Not too many people do. A short time after I joined the Blue Meanies, we started making plans for a secret about box in System 7. It was my job to figure out how to trigger it, what it should contain, and how to hide it in the sources so nobody at Apple would get wise before it was too late to stop us. I talked to a few other Meanies and we came up with a pretty good scheme. The trigger was full of sevens. If there were seven windows with titles having seven letters, and a user chose the seventh menu item in a menu, and that item was currently disabled, then the secret about box would appear. Sheila Brady wrote a poem dedicated to the development team to put in the window. Darin Adler and I spent an evening implementing the triggers in the most obscure way we could devise. The code to bring up the window and the picture containing the poem were hidden in the data fork of the system file. The picture was encrypted and the decryption key was assembled in pieces by the various triggers throughout the toolbox. I did that so if someone ran across the strange looking code in the System file, they still couldn't see what was in the picture. It was cool!

Unfortunately, it had a bug. It crashed an application, and we got caught. A couple of engineers were trying to figure out why this application started crashing, and they backtracked right into our triggering code. It didn't take long for the word to spread and pretty soon we were in deep.

I was ordered to remove it from the system. I complied, of course, but probably not in the way the order-giver intended. I removed all of the triggers, but I left the code and the picture in the System file. So if you've got a copy of 7.0 or 7.0.1, there's a Blue Meanie secret about box lurking around in your System file, with no way to trigger it.

This is the 7.0 Secret About Box!

Dedicated in Gratitude and Humility to the 7.0 team:

For all the nights you had to stay
And all releases — DOA
And all the bugs we never found
And all the features run aground,
For all the schedule slips we made
And all the prayers we know you prayed
And all the crashes we didn't see

And all the hangs (still mystery)
For weekends spent here, patiently,
For this, in all humility,
To you who scorned depressing talks,
We dedicate this secret box
For pressing on in spite of doubt
For that is what it's all about...

This message brought to you by Sheila and the Blue Meanies:

Darin Adler Scott Boyd Sheila Brady Chris Derossi Cynthia Jasper Greg Marriott Brian McGhie Beatrice Sochor Dean Yu

Current Operating Systems

In beta versions of the MacOS8.1 Finders, the Special menu has different titles. Version 8.1b4c8 shows "Smile" in place of "Special" while version "8.1b2c3" displays "Luscious". These names are in fact the code names of each beta release.

Also in a beta version go into STR# ID -20573. At string 1 it says "Where_have_all_my_files_gone?" String 2 says "Localized wrapper Read Me!" (From: Dan Berger)



Despite all the hype about MacOS8, it has relatively few easter eggs. As of right now, there is no secret about box or any other major easter egg like those in previous systems. Apple is trying their best to make the System as stable as possible. Removing easter eggs has been one of many ways to do that. Sytem 8 no longer has the Blue Meanies' hidden text, but this is to be expected—the Blue Meanies were System 7 engineers. So, this is all I have...

In The Resource

In the System File's STR resource, there is a new string, -16572, that says "Output sifter based on the DAV Audio Driver. This beast does not touch hardware directly in an attempt to be more portable."

In the CICN resource, at ID -20204, you will see the winking Mac you see above. MacAddict says that at just the moment the smiling Mac appeared on start-up, it was supposed to wink at you. Afraid that the wink might be offensive to other cultures, they removed the code but left the icon.

The Next Secret About Box?

In pre-release versions of OS 8, a secret about box could be accessed by holding down Command-Option-Control and selecting "About the User Experience Team..." from the Apple menu. The screen would then be cleared and the MacOS face would come up. On top of this background over-sized, pixelated icons of bugs and system icons would fade in and out along with credits of those who worked on the OS. The whole show took several minutes and would loop endlessly until the mouse was clicked or a button pressed. (From MacAddict)

Sadly though, it seems to have disappeared... with one exception:

Going into the Finder with ResEdit, go to the hmnu resource. At IDs 514 and 545, you will find listed "About this Computer...", "About the Finder...", and finally "About the User Experience Team." Also, to support my theory that

the egg still exists, there is also a User Experience Team balloon help string that appears when "About the User Experience Team..." is highlighted.

MacOS 7.6

Code Name: Harmony

Somewhere, for some reason, in System 7.6 it says "Bluets and Granola Bars, Make a chewy snack." It was a potential easter egg that was supposed to be displayed instead of "Welcome to Macintosh..." at startup. However, it appears now that, for the most part, the egg only shows-up at accidental and awkward times, usually when something in the start-up process is glitchy.

Note: The Blue Meanies text did not change, or was modified very slightly.

MacOS 7.5.3

System 7.5.3 Revision 2 Code Name: Buster (ex-CEO Gil Amelio's high school nickname) & Son of Buster

System Update 2.0

Code Name: Thag (from Gary Larson's Cartoon) From: Steve Myers (Tullamore@aol.com)

When opening the System with a text program like BBEdit, you will find some interesting messages. There are also many other programs (MacSnoop, MacTools, MS Word, CanOpener) that will open any application or file, such as the System file.

The Blue Meanies hit again in the release of System 7.5.3. This text can be seen in the file "System 7.5 Update" and "System 7.5.2 Update" (PCI Macs) with a text reader.

Mercenaries hit the factory and freed the prisoners.

On contract:
Wendy Chiou
Doug Clark
[more credits continue...]

Freed, armed, and dangerous: Eric3 Anderson Clinton Bauder [more credits continue...]

Released before the raid: Giovanni Agnoli William Berry [more credits continue...]

Fugitives:

Sam Barone Lars Borresen [more credits continue...]

Who dares wins.

Also Appearing...

The following eggs are in the designated STR resource ID's of the System Update 2.0 file:

- **-16572:** Output sifter based on the DAV Audio Driver. This beast does not touch hardware directly in an attempt to be more portable.
- **-20030:** Singer Sound Chip hardware specific support. Controls the hardware interrupt and calls up the sound component chain to get audio data for the hardware. Jim Reekes calls this the spatula.

Installer Humor

From: Ross Karchner (rossfnord@aol.com)

When installing System 7.5.3 off of the CD, about 7/8 of the way through the installation process, the the line that lists what the installer is doing says "Making Your Macintosh Happy". This may show-up in other installations too.

MacOS 7.5.2

System 7.5.2 Code Name: Marconi (named after Guglielmo Marconi, 19th century Italian engineer)

These were found in the Resource fork of the "System" file (version 7.5.2):

Help! Help! He's STILL being held prisoner in a system software factory!

The Blue Meanie: Brian McGhie

Serving time for 7.5 crimes: Giovanni Agnoli Rob lunatic Moore [more credits continue...]

Serving time for 7.5.1 crimes: Eric Hewitt Darren Litzinger Eric Rapin

Serving time for 7.5.2 crimes: William Berry Dave Evans [more credits continue...]

Fugitives: Sam Barone Lars Borresen [more credits continue...]

Mercenary: John Yen Will the last person to leave please turn off the lights?

MacOS 7.5 & 7.5.1

75| System 7.5 Blue Meanies

System 7.5 Code Name: Capone (Apple hopes that like the famous gangster, Capone will strike fear into the hearts of Chicago, Microsoft's code name for Windows 95)

When opening the System 7.5 System file with a text reader, you will see this message:

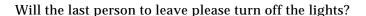
Help! Help! He's STILL being held prisoner in a system software factory!

The Blue Meanie:

Brian McGhie

Also serving time:
Giovanni Agnoli
Eric3 Anderson
[more credits continue...]
and Tristan Farnon (because he paid us ten bucks)

Fugitives: Lars Borresen Scott Boyd Jaime Cummins Brad Post



[Unreadable text and then the same text in the Threads Manager Extension]

Note: When opening System 7.1 and earlier versions, you will receive a similar message but instead there are various "Blue Meanies". Check it out, it's pretty fun.



System Update 1.0

Code Name: Danook

In "System 7.5 Update" (should be in System Folder if you updated your computer to 7.5.1) there are the same names as the System file, above, with these additions:

Also serving time: Sam Barone, Ian Hendry, Paul Wolf Mercenary: John Yen



MacOS 7.5 and Up



From: Charles DiFazio (GeniusCJD@aol.com)

Open up your System file (any version including and after System 7.5) with ResEdit. In the lefT resource open up 'ID 0'. The text inside includes "Lefty's Magic Gibbly-Duplicating Resource". If you remember, Gibbly is the code name for the System Enabler. Find some more information under "Gibbly" in the

chapter "Interesting Tidbits".

System Resources

In the Strs Resource of the System, open the ID's below to see what Jim Reekes thinks of Apple hardware. I'm scared to see what's in his kitchen.

- -6583: Apple Sound Chip hardware specific support. Controls the hardware interrupt and calls up the sound component chain to get audio data for the ASC. Jim Reekes calls this the spatula.
- -16579: Utility audio data converter, goes forwards, backwards, changes 8 bit data into 16, 16 into 8, offset binary into twos compliment, twos into offset, it slices, it dices.
- **-16569:** Awacs Sound Chip hardware specific support. Controls the hardware interrupt and calls up the sound component chain to get audio data for the AWACS. Jim Reekes calls this the spatula.
- -6580: This is glue between the sound component chain and the sound manager. It gets more audio data when more is requested. Jim Reekes calls this the fridge.

Note: These also appear in the Strs resource of PC Enabler and System 7.5 Update files.

Also, crack open the i2c resource and look at ID -16783 (the only one). Scroll alway the way to bottom to see "Begin Egret Glue". **€** "Egret" is the code-name for the new clock chip introduced in the Classic II and LC II. "Glue" is the a type

of code for driver software. From: Dave Fernandez (dfernandez@pomona.edu)

★Then, take a look in the MENU resource. One of the menus says "Maura", -16489, and the other should say "rAndy", -16490. From: Dan Berger (bergerdg@aol.com)

Happy New Year!

From: Nobuhiko Yoshida (Nobu_Yoshida@MAILHOST.NET)
In system 6.0.7J->7.5.2J (KanjiTalk) "Welcome to Macintosh" is replaced by "Happy New Year" in Japanese from January 1 through January 3 every year. The secret message can be seen on any Mac, wherever manufacured, if KanjiTalk is installed.



Apple Hardware

Modems:

Note: I am aware that the Teleport Modem is not made by Apple, but since it was packaged with all Performas I figured it appropriate to include.



Apple Fax Modem

Turn on the modem while holding down the button on the front panel. The modem will beep three times. Once it has beeped twice in sequence, press the button three times in rhythm with the next three beeps. If your timing is right, you will hear the modem speak digitally recorded voices of three developers saying their names. (Nice!)

FaxMaker for Teleport Modems

Choose "About FaxMaker..." from the Apple menu. Now click the icon in the window. The arrow pointer will change into a mouse, and a scrolling list of the developers appears.

Fax Terminal

Fax Terminal is an application that comes with the Geoport and Express Modem and is included in the Telecom package. When going to "About Fax Terminal..." drag your mouse over the icon of the fax machine. You will notice your cursor has changed to a question mark. Click on the icon and you will see some credits. Holding down command will speed up the credit list.

Global Fax

From: Jurgen Reule (J.Reule@mbox.sunny.inka.de)

•In version the German version 2.5.5, in the STR# resource of the extension, ID -8172, you will notice two error strings with a personal touch. This is how it appears in German, translated in English.

String 2 = Ein unbekannter Faxfehler ist aufgetreten. Pech! [An unknown Fax error has occured. Bad luck!]

String 3 = Ein nicht unterstu:tzter Fax-Bilderstellungsvorgang wurde versucht. Irgendein Programmierer hat Mist gebaut!
[A not supported Fax picture build operation was attempted. A/some programmer bungled it (?)]

• Open the extension, version 2.5.6, with ResEdit and navigate to -8152 in the PICT picker there is a picture of a two-headed clarus the dogcow. From: Jeffrey Wheeler (WHEELER@JCVAXA.jcu.edu)

Teleport (In old versions the name was known as "Teleport Serial")
In the Teleport Serial Control Panel hold down Shift and click on "About...". For those of you who don't have the modem it says "Couldn't find the modem". The button you push to clear the message says "But I SFF One!"

This works in versions around 2.1 (not 2.5).

In version 2.5 open the Teleport Control Panel with ResEdit and go to the STR# Resource, open ID -4048, and scroll down to string 33. It will say, "Your TelePort is on fire. Please call the local fire department."

From: Bryan Cowan (moo@value.net)

In a newer version (possibly 2.5.5), if you open the TelePort Control Panel and Option-click the "Select Port" button, you can choose what modem picture you want displayed! You can choose from all the TelePort modems out. From: Norma Kirkham (NKirkham@epsb.edmonton.ab.ca)

Monitors:

AV Monitor Software

From: Eric S. Wilson (FreefallML)

Some Code Names: Hammerhead (1705) and Sousa (1710AV)



In the Apple 1710 Monitor Software, AudioVision 14, and other AV packages, hold down Option while going to the about box. The normal about box changes from a picture of the monitor to a hammerhead shark holding a tuba with a musical note coming out.

Printers:

Personal LaserWriter SC

🧾 Personal LaserWriter SC Code Name: Shout

While running the Personal LaserWriter SC, version 7.0.1 (most likely other versions), click on the version number in the Page Setup or Print menu to see a list of credits.

🔪 LaserWriter 3000

While running the Personal LaserWriter SC, version 7.1 (most likely other versions), Option-click on the version number in the Page Setup or Print menu to see a list of credits.

The above two eggs also apply to a vast number of other drivers which will do the same thing.

LaserWriter Egg

Pretty near impossible to do, but:

- 1) Power up with the rotary switch on the controller on "0".
- 2) Rotate the switch to "4", wait 3 seconds, then rotate the switch continuously for 10 seconds.
- 3) Stop on switch setting "5".
- 4) After about 1-2 seconds, the green light will start blinking and a credits page will come out. (If you miss the timing, you have to power up again -- it only works on the first switch setting change!)

Some notes about what you will see: "Fast fish in a hot car" was the caption to a project T-shirt featuring an illustration from "One Fish, Two Fish, Red Fish, Blue Fish" (the printer's operating system was code-named Dr. Seuss). The "fast fish" is Bass, the *real* code name for TrueType. "Bass" itself is a play on "scaleable" fonts.

Guaranteed in revision 1.0, unknown in later revisions.

StyleWriter Eggs

StyleWriter Code Names: Mighty Mouse, Tabasco, Salsa

Apple Color StyleWriter Pro Code Name: Logo

StyleWriter II Testing and Maze Egg (possibly other StyleWriters)

From: Dieder Bylsma (bylsma@unixg.ubc.ca)

This egg is hard to achieve but will work with some practice. If done properly, you will ultimately have a maze printed out by your printer. If you don't want to try any of the diagnostic tests and would like to see just the maze, instead of letting go at a desired flash, keep holding down the power button until it begins to print.

Instructions:

- 1. Unplug the Stylewriter II.
- 2. Hold down the Stylewriter II's powerbutton while plugging it back into the outlet, and keep holding the button down for 15 seconds. There will be no light or any indication that the SWII is powered up.
- 3. Release the power button, and then hold down the button again. Let go once the Paper-jam light (orange) has reached a desired number of flashes for the diagnostic test you want—the tests are below. (It has been found that the number of flashes is, in some way, directly related to how long you hold down the power button before and after plug-in.)
- 4. It will then start a diagnostic. Only way to abort the self-test is to push the power-button on the Stylewriter II and turn it off.

Diagnostic tests for each number of flashes:

- 1 horizontal and vertical alignment pattern, along with 50% and 100% black pattern and nozzle-pattern at bottom (nozzle-pattern = diagonal swash that appears on the standard test page)
- 2 single hairline across top of page with vertical drop on either side.
- 3 dotted hairline test, and 50% and 100% black test bands made unidirectionally
- 4 50% gray test whole page except for white rectangle in centre
- 5 single hairline at the top of the page, three black $\,1/2$ " x 1/4 " swatches underneath hairline. Same swatches reproduced in middle of page w/o hairline
- 6 single hairline at top of page with black swatch underneath it.
- 7 various horizontal test patterns on top 1/4 of page at various speeds,

i.e. draft, high quality etc.

8 and up - Prints a maze

Note: There are also on occasion the carriage return tests where the printer just cycles back and forth.

StyleWriter I

While running the StyleWriter I Printer Driver, version 7.2.3 (most likely other versions), click on the version number in the Page Setup or Print Menu to see a list of credits.

StyleWriter II

While running the StyleWriter II Printer Driver, version 1.2 (most likely other versions, but not version 1.0), Option-click the version number in the Page Setup or Print menu to see some more credits.

Note: The above eggs also work with other drivers.

Any StyleWriter

Release and then hold down the power button until the printer starts to print. This is a way to check the printing quality, but you will also see a picture of your printer, and maybe a company credit depending on the machine.

Other Hardware:

Apple CD 300 Plus

When your computer is starting up, hold down the keys **c-d**. It will show a list of credits from the CD-ROM driver and at the bottom is a button saying "huzza!" which, once pushed, will continue your start-up process.

AppleLink CD

Select "About AppleLinkCD" and hold down the Option key. The spinning CD turns into a spinning cat's head.

PowerBook & Portable



PowerBook Control Panels



AutoRemounter (1.2)

Option-click on the version number.

PowerBook (7.2)

Option-click the version number of the PowerBook Control Panel (version 7.2 or earlier) then repeatedly push the Option key. He's there! The Elvis trick doesn't work in Powerbook Control Panel 7.3.1.

Caps Lock - Original Code Names (System 7.0.1)

Turn on Balloon Help, press Caps Lock, and point to the up arrow in the menu bar. It will say "This file allows your Macintosh TIM or Derringer to display an icon..." (those are original names of the Powerbook. This is not much of an Easter Egg considering that a mistake the extension was not modified before System 7.0.1 was released.

Portable

In the Portable control panel, Option-clicking on the version number brings up credits.

PowerBook Display (1.1)

Click on the version number in older versions. In version 1.1 balloon help the version number.

PowerBook Setup (7.3.1)

To see some credits, push Option and click on the version number of the PowerBook Setup Control Panel. Works in version 7.3.1.

PowerBook Extensions



Assistant Toolbox

Turn on Balloon Help and drag your cursor over Assistant Toolbox. It will display nothing but two scroll arrows. This is thought to be a mistake, but I think differently. All I know about Assistant Toolbox is that it used with the PowerBook extension Auto Remounter.

In the PowerBook Assistant, during start up, hold down Command-Option-D-V. D-V is based on the code-name for the project (I am clueless as to what that was). The keys will trigger some the following names and comments, and will also show some other goodies...

"NuCafe Development: Kevin, Testing Queen: Maxine, Bad Dog: Kaz Mr. Later: Keith, Script Mastery: Cheryl, Instabuild: Mark, Mr. Patoey: Tim, Mr. Product: Ron, Write Stuff: Kristy, Perry Malos: Jeff, Real SCSI: James". Source: KINI resource, ID 51 (name is "Cram")

PowerBook Applications

PowerBook File Assistant

Hold down Option when going to "About PowerBook File Assistant...". Keep holding it down and look just to the right of the close button. These are various names of the developers for the File Assistant rapidly shuffling in order. The eyes inside the icon in the window also spin. Once you let go of Option you will land on a name. This is one of the most interesting eggs I have ever seen.

€I.D. 24, of the STR# resource, contains a list of names. From: Dan Berger (bergerdg@aol.com)



Apple Portable

Macintosh Portable Code Name: Laguna, Riveria, Malibu, Esprit, Guiness Macintosh Portable (with backlit display) Code Name: Aruba, Love Shack, Mulligan

Remember that portable computer released a long time ago that was about twice as large as today's LCs. No? Well, I don't either, and was surprised when I found out about its very existence. Here is an easter egg for anyone (I can't imagine who) that still has a Mac Portable:

Kevin Schoedel (kevin@quipu.tdkcs.waterloo.on.ca) tells me the hardware etch, where the proprammer's signatures are etched in raised lettering, is also to be found on the Mac Portable, released 2 years after the SE. The names are inside the bottom (base) of the case. There are 62 signatures (if I found them all, and counted correctly), plus 7 names in 'type' under the heading "Product Design Team".





Code Names:

Newton MessagePad 100: Junior, Wedge Newton MessagePad 110: Lindy Newton MessagePad 150: Q Newton OS 2.0 print-only handwriting recognizer: Rosetta Newton OS 2.0: Dante

Note: I can use some help classifying which easter eggs belong to which operating systems and Newtons. If you have any corrections or additions, please send me a message. Thanks.

Newton 2.0 Eggs

Aliens Easter Egg

Informer: Rob Muir (rob_muir@qmail.gdt.com)
The below text is, in part, provided by Russel K. (russellk@BIX.com). The original author is unknown.

There's an easter egg in the 2.0 Newton (MessagePad 120) which was "censored" by, yes, the CIA.

Back in '94, one of the Newton software types made a trek to the (very) small town of Rachel, Nevada, which is located at the edge of a secret government airbase. The base, called "Area 51," is thought by UFO-enthusiasts to be filled with alien technology which the government is in the process of reverse engineering. Meanwhile, the government denies the very existence of the base, in spite of widespread media coverage ("Larry King Live from Area 51", etc.).

We figured it'd be funny to put a reference to Area 51 in the Newton -especially given the substantial overlap between conspiracy buffs and
computer nerds. So, since the "Time Zones" application contains a world
map, we put an entry for Area 51 in its correct location. Later, we
added a twist -- if the user picks Area 51 from the map, the icons in
the datebook application take on an alien theme. Normally, meetings are
represented by an icon of two people face-to-face, events are
represented by a flag, etc., etc. But when Area 51 has been chosen, the
icon for a meeting is a person facing an alien, the icon for an event
is a flying saucer, a to-do task is represented by a robot, and so on.

Okay, cute enough. Now cut to August 1995, when the 2.0 ROM has been declared final, seed units have been in customers' hands for a little while, and the release is just about ready to go. One of the seed units, it turns out, was sent to a cryptographer working for the CIA. When he found that Area 51 was listed at the correct latitude/longitude, he complained to Apple, demanding the removal of

the easter egg and threatening to have his superiors take the issue to Spindler if necessary. In the end, Newton management caved in to the demand, and decided to pull the joke out of the system.

But the ROM was already done -- so the feature was hidden by a software patch ("System Update") -- but this part of the patch can itself be removed, and "Area 51" returned to its rightful glory. Here's how to get the easter egg back:

- 1) Open the Extras drawer.
- 2) Switch the folder of the Extras drawer to "Storage".
- 3) Tap on the icon "Time Zones" and press the "Delete" button. Warning: any cities you've added to your Newton will be lost.
- 4) Switch the folder of the extras drawer back to "Unfiled icons."
- 5) Tap on "Time Zones."

You'll find that Area 51 is on the map -- just tap near Las Vegas and choose Area 51 from the popup. Now look at the icons in Dates. For the meetings, it displays the human face looking at a little alien body. For events, it shows pictures of little flying saucers, and for to do's and annual events, it displays robots. (To purge the aliens from your PDA, open the back and press reset). Note: On the MP 130, you will not see "Area 51", but instead you will see either "Groom Lake" or, more likely, "Dreamland."

A little more info. on Area 51: Area 51 is also known as Groom Lake, lying about 90 miles north of Las Vegas, Nevada. It is where the government tested spy planes like the U-2 and the Stealth bomber (legend has it that Area 51 is also home of captured aliens and spacecraft).

Dates Preferences Easter Egg

From:Chad Ray McDaniel (chadm@unhinged.engr.sgi.com)

- a) Open the Dates application.
- b) Tap on the info. icon and tap 'prefs'; the preferences slip will open.
- c) In the prefs. slip, tap in the three of the corners (not the one with the close box to hear a neat sound and see the names...

Top Right: "Scott Jensen"
Top Left: "Fred Tou"

Bottom Left: "Jeremy Wyld"

Egg Freckles (Gone in MP2100)

Article Written By: NewtNews-076-19Dec95

Write the words **Egg Freckles** in the notepad, and tap Assist. It will display a screen with a Doonesberry panel, where Doonesberry is holding a Newton and a stylus with a caption bubble above his head saying "Egg Freckles?". An obvious spoof of Trudeau's

lampooning of the early Newtons which would perform questionable handwriting recognition.

New York Times published an article on December 17, 1995 saying Garry Trudeau gave Newton programmers permission to use the cartoon after they told him of their plan to add the panel. Also according to the story, the original cartoon (the one mocking the Newton) was not



"poking fun only at the Newton" but was more geared at "boys and their toys." Apple has also given Trudeau, who is a "devoted Macintosh user," a MP120 with Newton 2.0. He doesn't have "any handwriting-recognition calamities to report" with Newton 2.0.

Be careful! I am told that on the MessagePad 130 if you try to print the Trudeau picture again after it disappears, the Newton will go ballistic and default on all preferences after it restarts.

Information About Box

- 1. Open a Newton Book.
- 2. Select the "i"-button (Info).
- 3. Select the "about"-menu.
- 4. In the about-box, tap three times quite fast in this box.
- 5. Wait and see what happens.
- 6. Try to hit the close button.

It will display:

"I only ask for information"

- Copperfield

And a Newt with a Newton graphic.

This goes away when you tap anywhere, including the close box.

Secret Games

From: Oliver Fross's Newton easter egg site

There are two secret games embedded in 2.1. They are variations on poker and are scored the same way.

The first is called "draw poker" or just "poker." You are dealt five cards, and you play poker as you would in real life! The rules are pretty straightforward: you select the cards that you want re-dealt, click "deal", and away you go!

The second game is called "solo poker", and you actually manage five simultaneous hands of poker at once. It has been commonly referred to as "patience."The rules are as follows:

Each row and column of 5 cards make up poker hands. That's 25 total cards. Points are assigned to the hands as follows:

```
1 pair = 2 points
2 pair = 5 points
3 of a kind = 10 points
straight = 15 points
flush = 20 points
4 of a kind = 50 points
straight flush = 100 points
```

The object is to swap cards to make the best possible hands, maximizing the number of points. You get \$1 for each point over 200. You lose money if you come in under 200.

There are two ways to view these easter eggs:

- 1. You can make a direct NewtonScript call through Works to get the poker game:
- A. Make a new spreadsheet
- B. Enter a new cell with the following content =buildContext(@830):open()
- C. Then, tap the checkmark button!

You can get the Patience game the same way, with the call of: =buildContext(@831):open()

2. Or you can download a package that does it for you.

© Does That Make Sense?

From: Albert Zeeman (zeeman@worldonline.nl)

Let's hear what Albert had to say:

During March/April I had a Newton 120 to test. The first night I did the HWR part for almost a hour. I noticed that after a while the separate words which I had to type in almost seemed like sentences. One part struck my attention and I really had to laugh. The words which I had to type were:

```
"Bill"
"Gates"
"products"
"don't"
"sell"
```

From: April 1996 Issue of Macworld (Page 18 of Newtonworld)

Write any of the following three times and you'll get a surprise: larryy (Good Worker), Brandyn, lesv (angel), stafford, lyon (Richard).

Map & Time Zones Eggs

(Map and Time Zones are the same thing but they are usually referred to differently depending on the user.)

- If you tap in the North-West Atlantic, it says "Middle of Nowhere". Try tapping in the middle of the Pacific Ocean.
- You can also locate the titantic.
- You'll find a couple of cities (well, towns) that contain Newton in their name. There's "Newton, Iowa" (the home of Maytag) in the USA and "Newtonmore" in the UK.
- In Time Zone, tap on opposite corners of the Time Zones slip. The (apparently) farthest city in the world from your location will be selected. For example, selecting Wellington, New Zealand will send you to Madrid, Spain (a total of 12340 miles).

Neat Bong

If you write **neat bong** on the Notepad, highlight it, and tap the Assist button, a list of the Newton development team members will appear. Rumor has it this is a list of people that worked on the 2.0 Rom but left Apple before the completion of the project. But, as usual, it's just a rumor.

Note: This is a different list of names than the similar 1.0 easter egg that generates another list.

Eclipse Animation

From: Rob Muir (rob_muir@qmail.gdt.com)

Set the date to October 24, 1995 (the solar eclipse in Asia). Turn off the Newton. On the next power-up there is an eclipse animation (about 10 seconds long) showing in the startup screen. It is unknown how many other eclipse dates will trigger this but March 9, 1997 will also work.

Umm... Yeah... Whatever

From: Kevin Fox (kevin@fury.com)

If you keep the pen pressed down 1/4" from the left side of the screen, about halfway down, when booting up, the Newton will ask if you want to bypass installscripts, effectively booting your newton with all packages frozen. They appear in the extras drawer with X's through the icons. Tapping one will run the install script and open the package. This saves heap and is the only way short of a full memory wipe to delete a package that crashes the newton in the installscript. This also works with cards. Hold the pen down right after locking the card into place to freeze all the packages on the card.

Universal

About Newton

Write About Newton and push Assist. This prints the names of the Newton

development team and finishes with a dedication to a deceased team member, Ko Isono, who commited suicide. Random letters of programmers names are sometimes missing. In German systems type "Über Newton".

Unknown

(I am not sure wether these are just a part of 2.0, previous versions, or both.)

Happy Hour

Type **schedule happy hour Friday** (with the Getting Started card installed), select it, and then tap Assist. This works for the 110 and maybe others. Your Newton will go through its interpretations and then present a dialog box with the following information:

Who: Apple Assurance When: (the next Fri.) Where: Apple Assurance

Subject: Schedule

This also works if you add a time (e.g. "schedule Happy Hour Fri 6:30").

Without the Getting Started card installed, you can freely schedule your happy hours without the Apple Assurance gang interfering.

Newton Jingle

Those 'random' tones generated with taps of the pen on the Newton 2.0 are not all that random. In fact, they make a short song. The notes for the Newton song are according to the C major scale (a little bit higher than normal scale)...

E C C F G D E D G F G C A D G G C 3 1 1 4 5 2 3 2 5 4 5 1 6 2 5 5 1

The best way to try this is to make a check list in "Notes" and then untap and tap the check box. Folks at Apple in the know say the sounds are randomly generated, but it does, in the above case, appear to not be so random.

Rosetta

In the Notepad, using the Printed (Rosetta) recognizer, write **Rosetta! Rosetta! Rosetta!** and look at the recognized text. That's it! "Rosetta! Rosetta! Hey, that's me!" is the output from the software! (I do not know if this program was made by Apple).

Secret Font

From: The 3rd issue of "Stylus" (08/94)

The MP has a secret font called "Espy". To get it, write **Remember toothpaste**, select it, tap Assist and then tap Do. "Toothpaste" will be entered in the ToDo list. The font used is the secret font. Select the word and move it to a note

(using the clipboard). While it is still selected, type "Espy". Store the note carefully. When you want to use this font, select some text and move it to the right of "Espy".

Note: Use the size 18 to better see the differences between Espy and the other two fonts (Simple & Fancy).

Newton OS's Pre-2.0

Change Start-Up Screen

To chage your start-up screen, put one, two, or possibly three spaces after the first line of your street address. If you set your password you can enjoy the screen longer.

MP100: 1 Space: Cat on a chair playing with a Newton

2 Spaces: Crow Holding a Newton stylus in his talons, and the Newton lightbulb logo. Harv R. Laser (Harv@cup.portal.com)

MP110: 2 Spaces: Cat on the chair

3 or more spaces: A baby newt in a cage (I believe this is the baby newt) with a Dec. 15, 1993 birth announcement.

Blair MacIntyre (bm@age.cs.columbia.edu)

MP 120: 2 spaces: Cat on chair

3 spaces: Newt in the garden of eden. (Does not work on the French version.)

Debugging Thingy

Open the Extras drawer, then tap on the very upper-left corner of the rectangle that bounds it, then in the upper right. You'll see a dialog box asking you to select a connection for a built-in serial debugger (To see what is going on, connect your Newton to a terminal program). I have no idea what this is good for to an end-user, and it isn't documented for developers either. (This still works in the MessagePad 110).



Easter Egg Graceland (100 only)

1) Go to: Extras:Preferences:Personal

- 2) Change the country to "Graceland" (you will have to type it because it is not in the directory).
- 3) Power down the Newton
- 4) While watching the startup screen, power up your Newton. You will see a little Newt instead of the light bulb.

Note: Doing this will bring up something different in the U.S. on an American system then it will on a German upgraded (possibly 1.3) system. Be sure to change the country back before dialing. This egg should work on a MP100 if it doesn't have a 110 ROM. It will not work on other Newtons. I have had a report that it will not work on the 120 w/ v1.3. The effect remains until you

change the country to something else.

• Be sure to change this back or your newton will think you have traveled to foreign lands.

BTW: Liverpool has no effect.

Elvis

He's in plenty of random places!

Here's one: Go to the Map, tap "Find", then write "Elvis". It will briefly say "The King was sighted in" and choose a city name at random before it catches itself and says "not found".

Tap the "Assist" button. In the area where you tell the Newton what to assist you with, write (or type) "Find Elvis". Watch closely. It happens quickly and doesn't stay on the screen long. This egg works in the 110, but it simply adds the location of the King to the list of found items.

Memory

Click on the version number of the Memory Preference element to see the programmers.

Moon Landing... Kinda, Berlin Wall, and Earthquakes

Directions: Hit the reset button in the battery compartment, then turn your Newton on (you may not have to restart depending on whether there is something to undo). Tap the Undo icon until the error message ("There is nothing to undo") will appear. Hit the Overview (Belly) button (between the scroll up/down arrows on the permanent icon bar), and you'll see two error messages that say "Newton." Tap on the first one which should say "About Newton". It will then say "Welcome to Newton." Now hit the information sign in that box.

- •The time displayed on the American 110 and 100 is 7/20/69, 2:35 am. Contrary to previous reports, it now seems that the date, as the first step on the moon, is incorrect. The time of the first step was 10:56:15 p.m. eastern time on 7/20/69. Well, it is close, but not right, which means that the developers may have made a mistake or had something else in mind.
- •The French MessagePad 110 date, 6/6/44 10:00, is the date of the Overlord operation. The operation began at 12:30 AM, so it is unknown exactly what 10:00 is related to. The Overlord operation was the code name of the american landing in Normandy during the WWII (also known as D-Day). Frederic Renard (100327.2742@compuserve.com)
- On the german version the date is the date for the fall of the Berlin Wall.
- Also, 10/17/89 5:04pm is the date you get for the MP120. That is the date and

time of the Loma Prieta earthquake in San Francisco, which is right next to Cupertino and Silicon Valley, where the Apple offices are. It also happened at the same time as the World Series. UK Newtons have this date too.



The Moon

- 1. Open Dates.
- 2. Click the upper left-hand corner, above the first letter in the name of the day.
- 3. The phase of the moon should appear.

At least, I think it's the phase of the moon. It's different for every day, and it seems to match the real moon. Although now that you've got a Newton, who cares about going outside?

This egg seems to be moving with every release of the OS. The MP120, 1.3(44sthg) has the trigger spot to the left of the week overview line (s m t w t f s). The moon egg will also work on the Todo List.

Temperature (100 only)

On the original Messagepad (now called the Messagepad 100), tap the clock in the lower left-hand corner of the display, and hold down on it. The display will show you the current temperature! The temperature display will only work with a program called Screen Contrast.

The temperature appears because the MP100 tells the temperature to determine the screen contrast. It will not work on the 110 and 120 because there is a contrast dial on the side.



Going On ...



Before we move on to more advanced easter eggs, I need to explain a new tool you will be using to explore your computer: MacsBug.



៊ MacsBug

MacsBug snoops in the hardware componenets of your computer, primarily the ROM and RAM. You should be able to find MacsBug almost anywhere. I found my copy on America Online, but have seen it in other places. Place MacsBug in your System Folder; it is not an application. To use it, simply restart your computer and push the sequence of keys that would normally get you to the debugger (usually Command and the Start-up key).

Another note about MacsBug: When MacsBug is installed, if your computer bombs it will go straight to MacsBug. I suggest that you restart your computer at that point. Also, while running MacsBug, do not have an application open, and save all work. Do not leave MacsBug on for a long time or it could result in screen burn in (screen savers don't effect it). Finally, MacsBug is a risky application. You should not fool with it unless you know what your doing or follow the instructions I give you. Remember, its whole purpose is to screw with your system.

Using MacsBug

Once in MacsBug, simply follow the directions explained in the following chapters. If you would like to find more eggs on your own, on a non-PCI Mac type **DMA 40800118 999** (display memory in ASCII from location 40800118 and on up) and keep pushing return until you see something interesting. If you reach 408A... you should stop because then it gets pretty boring and I don't think there is anything past there. Some computers will have the "What are you staring at?" message, and others will have the messages you will see in the next two chapters.

It is possible to find things out of the range I mentioned, so feel free to look. You can always return to the desktop by simply typing **G** and pushing Return. In some earlier versions of MacsBug **DMA** does not work; simply type **DM** instead. They both do the same thing, just one displays it only the ASCII text. Also, MacsBug is not case sensitive, so you don't have to use caps. I recommend trying most of the locations for the Performa, Powerbook, or any system that is, or closely resembles, yours.

♥ROM vs. RAM

I have now found the ROM really starts at address \$40800000 on any non-PCI Mac and \$ffc00000 on a PCI PowerMac. Smaller numbers, like between 0 and \$03000000 (that's 0 to 48 megs), are in RAM. Things that you hit above that space are hardware components, like the memory controller or sound chips, of which the ROM is one. Anything in the RAM or hardware components will

shift around (ROM stays the same). The best way to find the ROM is to type **dl rombase** in Macsbug (that stands for display the data in the variable rombase).

Finding the ASCII Character

I have also found that there is a way to search for ASCII text; handy for locating easter eggs in the RAM. In order to find something, type **F 0 FFFFFF 'allocate globals'**. This instruction says "Find 'allocate globals' from hardware location 0 to FFFFFF". This will search all of your ASCII from '0' up to the point specified. Once MacsBug has found something, take the left-most number, which is the ROM location, and type **DMA "Your Given Number" 999** (without quotes). It will go to the desired egg. Press Return if you would like to keep searching. To find anything else, just replace "allocate globals" with another search term.

Take note that the search will not go past six characters and will probably have an error before the given maximum. For this reason, you can not use it for high ROM locations. Another problem is where the name of your search repeats over and over again in a location of the ROM. Once you reach that, it is best not to go on.

■ Finding the Pictures in the ROM

To find pictures in the ROM, use ROMmie to create a dump file. Then, use CanOpener to read that dump file. You should find at least one picture. The pictures are compressed in JPEG and are usually marked in the ROM with "AppleMark". If you don't have CanOpener, locate "AppleMark" in MacsBug, create a log file (explained below) of the JPEG script, and try to open it with a JPEG viewer. Also, for extra fun, use BBEdit to read the dump file to see what's there.

Creating a Log File

You can also create a log file that will save all of the text in MacsBug. This can be very useful if there is something you want to keep. Just type **log name of the file**. The name can be anything you want. The file will be put on your desktop and can be opened with SimpleText. It will also continually update until you stop using MacsBug.

ROMs, Blocks, and The Debugger

(...and all that crap most of us don't understand)



Here's a neat little one. On all Apple computers, from the original 128K Mac to the SE, there is a peculiar easter egg. The Mac designers decided to gain some fame and glory by having their signatures etched in raised lettering inside the rear part of the Mac casing. Look closely and you will see all 47 Mac team members on the box of those early computers.

I have also been told by Jai Nelson (J.I.Nelson@sms.ed.ac.uk) that underneath the motherboard of the IIcx and IIci there are eight signatures of the Product Design Team inscribed along the left side of the bottom of the case.

▲ <u>little history</u>: Steve Jobs, feeling that Macintosh was a peice of art, and since real artists sign their masterpieces, had employees of the Macintosh division in 1982 affix their signatures to a large sheet of paper. The signatures were then etched into the core of the tooling used for the inside of the original Macintosh. It was used until the mold finally wore out. The signatures were from early in 1982 when the Mac was supposed to be released. Some signatures were also added and dropped over time for various reasons. In "The Mac Bathroom Reader" you can find a complete list of the people whose signatures appear on the Mac, see the actual signature, and find out what they were doing during

production in 1994, and ten years later.

SASCII Pictures

I am not sure if I am correct about this, but I swear I can see ASCII pictures in early locations of my computer's hardware components in MacsBug. Or, maybe I need to get out more. An example of my delusion is the question mark below, but I may I have seen renditions of the earth.

All Power Macintosh ROMs

From: MacWorld's Mac Secrets.

At location **DMA 40B2E280 999** there is a testimonial to Garry Dividian, the Apple software Genious who single handedly wrote the 680x0 emulator code that lurks inside every PowerMac-and that just may have saved the company.



Any Macintosh Computer

Every Mac will play interesting sounds if it fails its internal RAM check. You can harmlessly force it to fail its check by pressing the Interrupt button or key combination (usually Command-Start-up key) immediately after it starts booting up. Mac II systems play interesting chimes, Quadra AV's play drum solos, LC's play a flute, and the Power Macintoshes play a sound of a car wreck with glass breaking. I'm told that the start-up crash sounds from the LC's and Quadras are pieces of the Twighlight Zone theme.

David Johnson (johnsd10@rpi.edu) is in the process of accumulating the definitive collection of start-up and crash sounds. You can see and hear his progress to date on The Mac Line Start-Up and Crash Sounds page: http://www.rpi.edu/~johnsd10/macline/sounds.html

Disk Type

If your bytes for your disk type are \$D2D7 (an MFS volume), they stand for "RW" (Randy Wigginton) in ASCII. An HFS volume would be \$4244, which stands for "BD" (Big Disk) in ASCII.

Early Macintosh ROMs

32-bit ROMs for Macintosh II Code Name: Squeaky (as in "squeaky clean" since earlier ROMs were considered "dirty" because they didn't properly use all 32 bits)

.

With a debugger, look at the last few locations of the ROM of your machine.

Developers put their initials there, as well as the date that the ROM was linked. For example, the 128k ROM (Mac Plus) contains at \$41FFC0-\$41FFFF:

ALR ELR BA BMB EHB JTC SC DLD PWD KWK LAK SEL BWed, Nov 6, 1985

These are the initials of: Erich Ringewald, Bill Atkinson, Bill Bruffey, Ernie Beernik (sp?), Jerome Coonan, Steve Capps, Donn Denmann, Pat Dirks, ?, Larry Kenyon, and ? (?=unknown). My 840AV, the Powerbook 170, and LCIII, did not have the initials but did have the date.

Faster Egg ROM sounds

David Schaub (dschaub@csc.uvic.ca) Quadra From:Dieder Bylsma (bylsma@unixg.ubc.ca)

Many computer systems also have sounds hidden in the ROM. To find them, a program called ROMmie is required. Besides the start-up sounds, which you will find, there may also be other sounds like the ones listed below. The "Whoop there it is digitation" is 16 bit and very cool, but you will need to go to my web page to download it. David Schuab has a huge collection of start-up sounds along with these hidden ROM eggs. If you would like the file, send a mesage to dschaub@csc.uvic.ca.

Mac Quadra Squeak-Macintosh LC 520 PowerMac Beep-Power Macintosh 6100/60AV PowerMac Boing-Power Macintosh 6100/60AV PowerMac Card Phaser - Power Macintosh Quadra 610 with PPC Card PowerMac Card "Whoop There It Is" digitization - Quadra 610 with PPC Card PowerMac PCI Bang-Power Macintosh 9500/120

Gestalt Selectors

From: Rene G.A. Ros (rgaros@bio.vu.nl)

Use an application like Gestalt! (by Roland Mansson) or Gestalt.Appl (by Jean-Pierre Curcio) to list the Gestalt selectors installed with your System software (6.0.4 and later). Gestalt selectors are used by programmers to determine the presence of certain hardware and software. But two selectors exist (with values 7 and 13) which only return the first name and initials of the two programmers who wrote the Gestalt Manager code. The values returned are

respectively 'carl' and 'bbmc'.

ばHard Drive Part Number

On some computers (mostly older Macs–it worked on a Centris 610), the Part Number for the internal drive is listed as "The HORROR Continues". You can find out if your computer says this by downloading the file "Slot Info".

■ Hardware Egg

There are hardware easter eggs in existence, but they are extremely obscure and hard to find. This is one I was told about: One of the register sets is initialized with the ASCII codes for "AL SCALISE", but you will never see it unless you

have a logic analyzer attached before booting. I don't understand what I just wrote, but it should make sense to a select few of you.

ROMs for the Plus and Below

Macintosh 128k ROMs had chip codes which began with the letters L and H ("Lonely Hearts") and were therefore nicknamed appropriately, while the chip codes of the 32-bit-wide CPUs use the letters A, B, C, D ("Ala Baster Can Delabra"). These were the development names for the ROMs and in result the name's initials were given to the ROM.

There's a unique series of L & H names. L is for Low. H is for High. They are the two portions of the old 2-chip ROM set. The acronyms are often used in many different ways... Lonley Hearts and Lonley Heiffer are two of them.

Print Copyright Trap

Write a little native-code application with a procedure that makes a call to the Print Copyright Trap. I have no idea what that does.

Signature Byte

SigBytes identify the Boot Block. \$4C4B signifies that you have a bootable Macintosh disk. "4C4B" translated in ASCII means "LK". This stands for Larry Kenyon who originally designed the Mac's File System.

Traps

From: MLamont@analog.co.nz (Matthew Lamont)

This is probably a question you have never asked: Just what are the "Miscellaneous Traps" toward the end of Traps.h that have call to DogCow locations?

Those few defines in Traps.h are leftover baggage. These are the odd traps:

 $_{\text{InitDogCow}} = 0 \times A89 F,$

 $_{\text{EnableDogCow}} = 0xA89F,$

 $_{\text{DisableDogCow}} = 0xA89F,$

Moof = 0xA89F,

HFSPinaforeDispatch = 0xAA52,

0xA89F is really _Unimplemented and 0xAA52 is really _HighLevelFSDispatch. They were possibly left there to keep system builds working - or perhaps to keep the build engineers amused.

Klingon is also one of the identified and supported international languages listed in Script.h. Klingon was added right after the system software team watched a Star Trek movie. There are other excellent languages listed there as I am told.

A little information: Traps.h is a part of the Universal Interfaces which are a set of files published by Apple. They are for use by programmers. Basically what

they do is list all of the Mac toolbox calls. Why are these of any use? Well, you use these files to tell your program where in the ROM (via the address) the call

Apple Computer Systems



Quick Note:

This page is devoted to easter eggs found on specific models of computers. However, most of the eggs involving with the ROM or MacsBug in any way are not restricted to the computer they are found in. It is highly likely that the egg can be found on similar models of the computer mentioned. Please read the chapter "Going On..." for more information about what you see here.



Apple IIe

Apple IIe Code Names: Diana, LCA (Low Cost Apple), Super II

•In the Apple IIe, when doing the self-test (control-SolidApple-reset), hold down command. What that does is play a squeaky note during the whole self-test which takes about 10 seconds.

Apple IIgs

- •Apple IIGS: Cortland, Phoenix (because the project had been revived after being cancelled), Rambo (when the design team was fighting for final approval from the executive staff), Gumby (from an impersonation done at Apple's Halloween parade).
- Apple II file management utility: (ancestor of the Macintosh and IIGS Finder), was originally named "Fishhead", but was changed to FID by the Apple programmers after complaints from Apple management. Unknown to management FID stood for "Fishhead In Disguise".

Ilgs Finder Easter Eggs:

- •When running the Finder 1.2 with the GS 4.0 Operating System, if you hold down Option (or on the IIe-upgraded to a IIgs, the solid-Apple key) and select the Apple menu and the 'About the Finder' option, the screen then flips upside-down and back-to-front. Then the "The Apple IIGS Finder" dialog box re-draws the right way up, leaving the background desktop upside-down. The cursor also flips upside-down, but still maintains the proper x-y movement. It is possible, but less common, for the cursor to move in the inverse direction. Upon key-click the normal desktop picture will appear. From: Brendan Bellina (bbellina@aol.com)
- •Hold down Shift and Option in System 5.0.2 while selecting the apple menu, and "About the Finder" will be replaced with "About the System". On a ROM 03 IIGS, clicking the pointer in the top area of the "About the System" dialog causes the computer to play the digitized sound of the Apple IIGS Engineers yelling "Apple two". The sound will not play on a ROM 01 IIGS. (There is no ROM 02 IIGS.) From: Brendan Bellina (bbellina@aol.com)
- •In System 5.0.4, holding down Option-Shift will change "About the Finder..." to "About the System..." which brings up dialog box "Apple IIGS System Disk 5.0". There are 5 icons you can click on: GS/OS, Toolbox, Finder etc., Firmware, and SWAdmin. These subsequently give you the names of the people who worked on each part (there's quite a lot of them, and funnily enough some of

(s.wilde@rca.ac.uk)

- •Also in System 5.0.4 every fourth time you choose "About the Finder..." from the Apple menu it displays the additional line: "tested by Brenda Knudson & Margarita Sang". From: Shiro Wilde (s.wilde@rca.ac.uk)
- When at the "sliding Apple" system death screen, hit Command-Option-N. On the 256K GS (aka ROM 0/1) it will have list of people who worked on it and the 1.125 meg GS (aka ROM 3) will have a list of people plus sound of them yelling "Apple II!" The system death screen results when something bad happens that is unrecoverable. One way to trigger it is to set your boot disk to a particular slot with floppies (rather than scan) and don't put any floppies in the

drive.

IIGS Control Panel Eggs:

From: Brendan Bellina (bbellina@aol.com)

- System 5.0.4: Clicking on the Version 1.0 box displayed from within the Control Panel NDA will display a short flying plane animation.
- •System 6.0.1: Clicking on the Version number displayed from within the Control Panel NDA will display a dialog box containing information about the author and a copyright notice.
- •System 6.x: Clicking on the phrase "days left in this year" in the Time Control Panel will display the number of "days 'til Christmas".

Other IIgs Easter Eggs:

- •In System 5.0.4, Setting the auxiliary type of the System:ExpressLoad file to 5254 will make the word "ExpressLoad" appear under the startup thermometer. From: Brendan Bellina (bbellina@aol.com)
- Pressing Control-Option-Open Apple-"N" on the "Check Startup Device" screen (an error screen displayed when the Startup Slot is set to a non-existent or empty disk drive) will display the names of the Apple technicians responsible for the IIGS Firmware, Tools, Hardware, and Diagnostics. From: Brendan Bellina (bbellina@aol.com)
- In the Apple IIgs, when doing the self-test (control-Option-reset), hold down command. What that does is play a squeaky note during the whole self-test which takes about 10 seconds. From:iisiman@mail.nwlink.com (John H. Laughlin)



Macintosh Plus

Macintosh Plus: Mr. T (perhaps of The A Team, but Apple's chief scientist Larry Tesler shares this nickname)

• Entering **G 40E118** into the debugger will give you a tiny "Stolen from Apple Computer" message in the upper left-hand corner of the screen.



Macintosh SE

Macintosh SE: Mac plus or minus, Z^2, PlusPlus, Aladdin, Freeport, Maui, Chablis

•Press the interrupt switch (broken circle on the back left side of your Mac). Upon doing that you will see the debugger in which you enter **G 41D89A**. You will then see pictures of the Mac development team. Reboot to get out of it. You can also type **Set PC to 41D789A**. (The engineers were able to include these digitized pictures because they based the Mac SE on the same 256-kilobyte ROMs in the Mac II, but the Mac SE didn't need many of the things contained therein, so there was plenty of extra space in which to hide their Easter egg. Later

versions of the Mac SE do not contain this picture. From <u>The Mac Bathroom Reader</u>.) A program named "Who?", which is available on America Online, will also trigger this egg.

• Entering **G 4188A4** into the debugger will give you a tiny "Stolen From Apple Computer" message in the upper left-hand corner of the screen.



Macintosh SE/30

Macintosh SE/30 Code Name: Green Jade, Fanfair

- •Press the interrupt switch to get into the debugger. Use the command **DMA 4082E853 20** to display a few bytes of memory from location 4082E853 onwards. The bytes spell out in ASCII, "WHAT ARE YOU STARING AT?".
- •On an SE/30, go into MacsBug or the interrupt debugger, and go to about **G 04D98A 999**. There is supposed to be something in the RAM around there–I don't know what.
- •Also, type **G EB1000** into MacsBug or the interrupt debugger. This displays the "Macintosh SE/30 Engineering Hall of Fame". Entering **pc=E11000;G** works too. The only way out is to press your computer's reset button and restart.

...Or try this:

The ingredients:

- -One Macintosh SE/30
- -System 7.0 or 7.0.1
- -Kerry Clendinning's "Easy Keys 1.5" Control Panel, or any other

INIT/FKEY that patches _Launch, like OutToLaunchFKEY or LaunchFinderFKEY QUED/M 2.09 (The text editor from Paragon; little brother of NISUS)

Assign some key combinations in Easy Keys Control Panel. Launch QUED/M, and press the key combination. Then, an "address error" bomb alert comes up, but you can click on "Continue" to keep going -- go ahead and click "Continue".

Everything is normal again until you quit QUED/M, at which time the screen blanks to all white except for a Mac icon and a "Mac SE/30 Engineering Hall of Fame" list. The same one from above!



Macintosh Classic

Classic Code Name: XO

•Hold down Command-Option-x-o as you start up. If you wait long enough-not too long!, the Mac creates an internal ROM disk (System 6.03, Finder 6.1x, this version is not recommended for the Classic so I don't recommend you use it for any work.). If you then use a utility like ResEdit that lets you see invisible folders, you'll see a list of people who worked on the Classic in the ROM's system folder. Look for the "Brought to you by" folder

conataining more hidden folders with names of developers. "XO" was chosen because the that was the development name of the computer.

Macintosh IIci

Macintosh IIci Cache Card Code Name: American Express, Optima (both are "cash cards," get it?) Macintosh IIci Code Name: Aurora II, Cobra II, Pacific, Stingray

- Set the date to 09/20/89 (release date), set your monitor to 8-bit color, restart, and hold down Command-Option-C-I as you reboot. A color picture of the machine's design team appears. Click to continue.
- •On a IICI type **DMA 4086EC48 999** to see: "SO... WHAT ARE YOU STARING AT?"



Macintosh IIsi

Code Names: Oceanic, Ray Ban (as in "the future's so bright, you gotta wear shades"...it shipped to developers with a pair of sunglasses), Erickson, Raffica, Raffika

• Enter the debugger and type **DMA 4086F088 20**. The bytes there spell out "SO...WHAT ARE YOU STARING AT?"



Macintosh IIfx

Macintosh IIfx Code Names: Stealth, Blackbird, F-16, F-19, Four Square, IIxi, Zone 5, Weed-Whacker

• Set the date to 03/19/90 (its release date). Then restart with Command-Option-F-X. You will also see a picture of the design team. Click to continue.



Macintosh LCIII

Macintosh LC III Code Names: Vail, Elsie III

- Type **DMA 40843B38 190** to see "Life is Good" repeated.
- Type **DMA 4088A1E8 999** to see "Yeah" repeated.
- Type **DMA 4088B0E8 999** to see "Neat" repeated.
- Type **DMA 408D3B68 200** to see a bunch of initials starting with "SLRWHBB..." and finishing with "Mon. Oct. 21, 1991"
- •At **DMA 408EFFF8 999** you will see the same initials as you would on the Powerbook 170 starting with "HJR..." but finishing with "Mon. Oct. 21, 1991" (Probably the date the ROM was hooked up)



Macintosh LC 520

Macintosh LC 520 Code Name: Hook 25

• Type **DMA 40805378 999** to see Gary repeated 46 times.

From: Dave (Dave5986@aol.com)



Powerbook 170

PowerBook 170 Code Names: Road Warrior, Tim

- Type **DMA 40843B38 190** to see "Life is Good" repeated over and over.
- Type **DMA 40889798 999** to see "Yeah" repeated.
- Type **DMA 4088AED8 999** to see "Neat" repeated.
- •If you type either **DMA 408CA958 999**, or **DMA 408D8FD8 999** you will see a list of, I think, initials starting with "HJRBGMSH" and finishing with "Tue, Jul 18, 1989" repeated over and over again. This was probably the date that the ROM was hooked up.



♥PowerBook 190, 2300, 5300, and upgrade for the 500s

From: Jon Bodner (jcbodner@students.wisc.edu)

•Restart the machine and hold the **esc** key down. When the mouse cursor appears on the gray screen, quickly type \mathbf{m} , then \mathbf{a} , then \mathbf{o} , all while keeping the "esc" key depressed. Try the "m-a-o" sequence again if it doesn't work the first time. The key sequence shows you a box with a bunch of programmer's heads and a Copyright in red. Clicking the trackpad button starts up the computer normally.



♥PowerBook 500

From: Jon Bodner (jcbodner@students.wisc.edu)

•Same method as above, except replace the "m-a-o" sequence with h-p-e.



♥PowerBook Duos (attached to a MiniDock or Duo Dock)

From: Jon Bodner (jcbodner@students.wisc.edu)

Code Names:

- PowerBook Duo 210: DBLite (the lightweight machine was named one night over a few brewskies in a club called Das Boot), BOB W (Best Of Both Worlds because it's a portable computer that's also a desktop machine when inserted into its dock), Cinnamon
- PowerBook Duo 230: DBLite (the lightweight machine was named one night over a few brewskies in a club called Das Boot), BOB W (Best Of Both Worlds because it's a portable computer that's also a desktop machine when inserted into its dock), Cinnamon
- PowerBook Duo 250: Ansel
 PowerBook Duo 270c: Escher
 PowerBook Duo 280: Yeager
 PowerBook Duo 280c: Yeager
- PowerBook Duo Dock II: Atlantis
- PowerBook Duo Floppy Adapter: Blackwatch
- PowerBook Duo MiniDock: Spaniard

•Restart the machine and hold down "cmd-opt-d-b". Remember, you must be attached to the Duo Dock. I apologize, but I do not know what will happen.



• Restart the machine and hold down "cmd-opt-a-e". Remember, you must be attached to the Duo Dock. I apologize, but I do not know what will happen.



Performa 630

From: Manuel Kaspe (100755.765@compuserve.com)

Performa 630 Code Name: Show & Tell

• Manuel Kaspe sent me a list of locations for easter eggs in the Performa ROM and the amount of times they appear. Detail is good. Just type **DMA** (the given address) 999 (no parenthesis) to see the below locations.

Times	Found what	Address
46	"Gary"	40805358
23	"Life is good"	40843B18
5	"Gary"	4086C998
349	"YEAH"	4088A659
638	"NEAT"	4088B108



Quadra 840AV

Quadra 840AV: Quadra 1000, Cyclone

- •In the debugger, at **DMA 40811FE8 999** in the ROM, you will see a large bunch of credits for the "The Super RomTM Super Team", also known as the SuperMario ROM team. This includes the credits for Central, RISC, MSAD, Cyclone, and a special "thankzzz to all who contributed to past ROMs and system 7.x." This location will not change
- At about F9A4D4 of the RAM it says "Barf, no more empty que elements-Leak Watching"
- At about E67E5E of the RAM the name Caro Enricuccio is repeated along with "Ah Que Couco".
- •At about E5E83E of the RAM you will see a bunch of random and wierd words combined. This is what will be displayed: "Peace, Cow Boys, Frogs, Sayonara, Krisprolls, No Maastricht, Vikings, Reindeer, Kurtoffein, Bowler Hats, Spaghetti, Dykes, Cead Mile Failte, Siesta, Kiwis, Bankers, Chocolate, Aussies, King Kong, Kim-Li-Sung, Sandokan, Equator, Made in, Sylvie Vartan, Praha, Tatra."

All three of the above EGGSare in, I believe, the modem section of the hardware components, which may or may not have any significance. I have a Geoport Modem which uses Express Modem software, if that helps.

• Apple has also hidden two JPEG pictures in the ROM. One is of people on the beach, and the other is probably of the ROM team. To see them, run ROMmie. Then, open the dump file with CanOpener. You will see the

pictures. The JPEG code is marked with the text "AppleMark". You could probably find other ways to read the JPEG code by extracting it from ROMmie's dump file.

🗯 Quadra 700 , 900, 950, & Possibly Others...

From: Chad Stoner (chad@amug.org)

•Hold down the **s**, **e**, **t**, and **Escape** key during startup to see a picture of the devolopment team with credits.



Performa 6115CD

- •At about location 3A091 you will find, in MacsBug, a statement saying "Ol' McDonald had a Farm... It's also a bitch, then you die too!" Seriously, I don't even want to know.
- Around location 642F1 in MacsBug you will find "Flush to Execute".
- Around location D13E1 you will see a large list of common phrases, credits, and awkward humor. It is all broken down with numbers and symbols pertaining to a letter. I cleaned it up a bit. Here is what I made of it (the underlines are letters I did not know):

JIM GOCHEE AND BRUCE JONES ARE EXTREME. JEFF COBB IS AN EXTREMEMLY HYPER PERSON. ERIC TRAUT ALWAYS CODES DAY AND NIGHT. JACK, HUCK, AND HIL ARE COOL MANAGERS. BRIAN _OPPING HAD A FAST IMAGINATION. BRUCE, JOHNSON, AND EW IRNE ARE TAN MEN. SEAN _ARENT AND SCOTT BOYD TAUGHT US. JIM _OTTER WROTE THE MOST TOOLBOX CODE. MARY AVIDIAN LEAD THE EMULATOR TEAM. JIM, SHANNON, AND DON FIXED. MIKEY COUGALL IS A QUALITY BULLDOG. WAYNE WILL KILL ME WHEN HE FINDS THIS. DAVE AND ELISSA HELPED FIX PROBLEMS. SHEILA BRADY WAS INFINITELY WISE WITH US. CHRIS _UTTALL TESTED THIS AWESOME CODE. DONNA YACKE MADE SURE WE DID IT ON TIME. ROBIN, DIANA, AND STEVEN ARE GREAT BOSS'S. BARBARA NICHOLS KEPT US ALL ENTERTAINED. MATT _ELMON RAN OUR BEASTLY MACHINES. TOM WILSON WAS THE KEEPER OF THE BUILD. IF ONLY THAT TREE HADN'T BEEN THERE. THE'RE NOT QUITE THERE YET. WHEN HE STOPS NOBODY KNOWS. WOULDN'T HAVE DONE IT WITHOUT THE POWDERED TOAST MAN. ONE IS TALL, ONE IS SHORT, GO FIGURE. THAT WE'RE NOT EXACTLY SURE. THAT BOY IS SMART.

THAT WOULD BE ME.

ONE MAN CODING MACHINES.

THE HUMAN.

THOSE GUYS ARE PROGRAMMING GENIUSES.

HE SAID WE HAD TO PUT THIS IN BEFORE.

_WAYNE PLEASE DON T KILL ME.

THAT A THANKLESS JOB.

HER FLOWING HAIR INSPIRED US ALL.

THE NASTIEST, GNARLIEST, TEXT TOOL AROUND.

WE NEVER COULD HAVE DONE IT WITHOUT HER.

THEY WENT HEAD TO HEAD WITH OUR FRIEND.

JACK EXCUSE ME PLEASE.

MICHAEL CAN KISS MY

THEY'LL ONLY TAKE A MINUTE TO REBOOT.

THE MOST COMPLEX THING EVER INVENTED.



PowerMac 7500

From: Rafi Goldberg (RafiMG@aol.com)

Power Mac 7500 Code Name: TNT

• Using MacsBug in the Power Mac 7500, you might find "Hey, put this in ROM for real!" This was found around location 34FC0 in the RAM.



♥PowerMac 9500

From: Dieder Bylsma (bylsma@unixg.ubc.ca)

Power Mac 9500 Code Name: Tsunami

•Found with MacsBug

"ROM Version v2.1 Rules! Long Live M. Appleman, S. Williams, A. Ludtke +<Eggs+<and +<Sam +< +<Eggs+<and +<Sam +< .Display_Video_Apple_MDC Software by Casey King, Hardware by James Lundblad and Mohammed Sritip"

Also found

"MainkckcKurt Dictionary Info Dictionary Data MainkckcKurt MainkckcKurt SO...WHAT ARE YOU STARING AT?" ("kckc", a.k.a Kurt Clark, seems to be a common empty ROM filler)

• Then there is a mention about 'wolfware', 'gecko', and 'spicer' in a SCSI component section.



€Power Macintosh 7100/66AV

From: Allory Deiss (allory@UWYO.EDU)

Power Mac 7100/66 Code Name: Carl Sagan, BHA (Butt-head Astronomer), LAW (Lawyers Are Wimps) See "Apple Tidbits" for a story on these code names...

•If you own a 7100/66AV you may wish to try this egg. Hold down **Command**, **Option**, **Shift**, **E**, **R**, and **2** at startup. The screen may go black for about 20 seconds and then four snapshots appear, presumably of somebody's family and

dog. This is only known to work on the $7100/66 \mathrm{AV}$.



7100/80 Birth Date
From: Mike Herskovic (gevalt@humboldt1.com)

•While Gettting Info. on his hard drive, Mike, a PowerMac 7100/80 user, ran across something quite odd. The drive's creation date was listed as "Mon, Aug 27, 1956, 8:56 PM". That date is the birth date of Ray Montagne, the Apple engineer and programmer who has been designing and looking after the CUDA microcontroller (the chip that controls PRAM on certain Macs). From: Paul Detzler (homerq@freespace.net)

Apple's MPW Compiler Messages

I found these error messages and decided they were pretty funny so I put them in my collection. Easter eggs or not, they are fun to read and still express the humorous side of our Apple programmers. MPW means Macintosh Programmers Workshop and is a development system created by Apple. It is a collection of C and C++ development tools.

The below messages are from an old 68k compiler. The newest compiler does not have them. The messages can be found in the STR resource...

- "You can't modify a constant, float upstream, win an argument with the IRS, or satisfy this compiler"
- "This struct already has a perfectly good definition"
- "This onion already has a perfectly good definition"
- "Can't cast a void type to type void (because the ANSI spec. says so, that's why)"
- "String literal too long (I let you have 512 characters, that's 3 more than ANSI said I should)"
- •"...And the lord said, `lo, there shall only be case or default labels inside a switch statement'"
- "a typedef name was a complete surprise to me at this point in your program"
- "'Volatile' and 'Register' are not miscible"
- "This struct already has a perfectly good definition"
- "Only one parameter per register please "
- "type in (cast) must be scalar; ANSI 3.3.4; page 39, lines 10-11 (I know you don't care, I'm just trying to annoy you)"
- "This array has no size, and that's bad"
- "Huh ?"
- "can't go mucking with a `void *'"
- "we already did this function"
- "The target of this goto is a label in a block that has an automatic variable with an initializer"
- "This label is the target of a goto from outside of the block containing this label AND this block has an automatic variable with an initializer AND your window wasn't wide enough to read this whole error message"
- •"Call me paranoid but finding `/*' inside this comment makes me suspicious"
- "This function has an explicit return type and deserves a return value"
- "You are comparing two structures that have holes in them"
- "Too many errors on one line (make fewer)"
- "Symbol table full fatal heap error; please go buy a RAM upgrade from your local Apple dealer"
- "Trailing comma not permitted in enum definition. (This time I'm letting you off with a warning)"

...By Bruce Hoult. Posted by Robert Lentz (lentz@rossi.astro.nwu.edu) on his web page.

Egging

Egging is not hard. It takes a bit of time, creativity, and knowledge of your Mac, but the result is often rewarding.

BEGINNER: SIMPLE EGGING

The easiest way to egg is to hold down the buttons Shift, Option, Command, Control, and Caps Lock all at once. Then, find an application or Control Panel made by Apple, open it, and hold these buttons down while getting info. on it. If something unusual happens, begin the process of elimination until you can figure which keys are needed for the egg to work.

Click in random places inside the about boxes and use balloon help often. Let anything like icons, pictures, or version numbers be your victim, not just in about boxes, but anywhere. After you have read a few of the eggs in this file, your job is clear.

ADVANCED: SNOOPING

Programmers like to keep some of their eggs in secret from the general public's prying eyes-kind of like an "inside joke"-while they leave a permanent mark at the same time. So, the programmers stuff their names into "no man's land," a place few people besides programmers and hackers are familiar with. This is also a safe place to keep the easter eggs from conflicting with another program. Remember, Apple discourages easter eggs for that very reason. In order to dig into the computer, we need a few tools...

CanOpener - This program will take any program or file and divide it into text, sounds, icons, and pictures. The text is all code that can be found in ResEdit, mushed together in one big page. This is helpful for searching the entire resource fork. CanOpener will also extract text not in the code which is probably its best feature along with the fact that it will extract many different types of images. Besides that, it is fast and has a pleasing interface, but it doesn't do anything really important. CanOpener is commercial but fairly cheap.

ResEdit - ResEdit will allow you to view the guts of the victim application. Once opening anything with ResEdit you can make it visible (Get Info. in File Menu), change the resource fork, and do a great deal of things that can potentially damage the application. The best places to look are in the PICT, SND, TEXT, STR, STR#, and ic18 resources. Take a look at other easter eggs to get an idea of where to search. Be careful. This program saves as it goes. If your computer crashes while using it, everything you did is saved. ResEdit is free and available at Apple's web site. Some people also prefer Resorcerer, a similar prigram to ResEdit.

ROMmie - This program will tear apart your ROM into a broken-down text file of your ROM, a ResEdit file, and a dump (good luck getting this 3 meg file open—use BBEdit). Version 1.0 failed on my Macintosh with System 7.5.1 but

worked fine on a Performa 6115 with System 7.5 and worked in MacOS8. This program is free but hard to find. You can download it at my web site.

MacsBug - This program will confuse the hell out of you. See the "Going On" chapter to read about it. This program is free and is available on Apple's ftp site.

Norton Disk Editor - This application comes with Norton Utilities, a commercial program. Unlike ResEdit, it allows you to edit sectors, jumbled text, and symbols. It combines all of the file's resources and more. You will never use this as a practical file, but it is great to use while just snooping through your system and Apple applications for easter eggs. Besides, Norton Utilities is a great program to own, so this is just one more reason to buy it.

Any universal text reader - BBEdit Lite (it's shareware!) works best. Drag any program onto BBEdit and you will be able to read the hidden text in the file. You can also search the text.

Knowing how to use the above programs is not simple. I don't know most of them. However, I do know how to use them to find easter eggs, which takes little knowledge. It would take a long time to explain how to use each of the programs for other uses, but it should be very easy to search for eggs. Take a look at some of the easter eggs that use these programs. If you have the time, explore with them. It's not that hard. Have fun!

Closing

New Easter Eggs or Questions?

I have spent many hours of my own time searching for these easter eggs in many computer systems. The problem is that I have sucked up almost all, if not all, of the eggs on my Macintosh, and have dried out the internet's static supply. My primary sources are the readers, you. Now I need your help to get more easter eggs and add to this list.

There is no shareware fee, the only thing I ask in return is an easter egg that I don't have. So, if you find one please send me a letter. <u>In fact, I challenge you to find any easter egg that I don't already have</u>.

If you have any more easter eggs (read the instructions below), the answers to my questions; know of any other internet sites where I can obtain more info.; or have any questions, please send a message to <code>ixist@aol.com</code>.

If you send me an easter egg that I do not already have, I will print your name and e-mail address underneath the egg you provided unless otherwise specified. The mailing list has been removed. It's too hard to keep it up. Sorry.

Sending Me Easter Eggs!

I have had many problems in the past where people would send me an easter egg that is very sketchy with very little details or an egg that I already have.

The solution:

Before you send check and double-check that the egg is not in this file. Secondly, make sure it is made by Apple Computer. To check, select the file, go the File Menu and Get Info. on it. It is made by Apple Computer if it says "© Apple Computer, Inc." under "Version:". There are exceptions to this rule so use your best judgement.

Things I need to know include...

- 1. Version numbers (for both your system and the application with the egg)
- 2. How to access the egg from the start-up of your computer with step-by-step instructions. I can delete any excess information later.
- 3. What kind of Mac you have, and your full name.
- 4. A screen shot (Command-Shift-3) of the easter egg would also be great. Please compress it first in binhex format (hqx). Do not send anything as a 'mime'. AOL rips it apart.
- 5. It would also be great if you told me what version of this file you have (this is version 1.6).
- 6. Make sure you are not sending me an undocumented trick. If it enhances the productivity of the software it is usually not an easter egg.
- 7. If possible, go to my web site and check-out the chapter on "New Eggs". There you will find corrections and additions as well as new eggs.
- 8. Finally, you need to check your mail a day or two after you send the egg just in case I have any further questions. I will always reply to messages. Thanks

Traveling Far and Wide!

My easter eggs have been put on many CDs throughout the world, mentioned in E-zines and chats, the book <u>Maclopedia</u> and <u>Macintosh</u> (a Japanese book), and all major Macintosh magazines including "MacAddict", "MacWeek", "MacWorld", and "MacUser". The file has reached places such as Sweden, France, Germany, Italy, Costa Rica, Indonesia, New Zealand, and Australia.

Publishing This File

If anyone decides to use my easter eggs for any reason at all, I ask that you tell me where to find it. Please don't pass it off as your own work; mention my name, e-mail address, and web site. If this file is published on a disk, CD-ROM please inform me. That also includes publishing eggs in any public publication. I usually don't care if it is done; I just like to know where this list is going. You may not, however, use the information in this collection to develop your own easter egg list. Thanks.

The Fine Print

Lastly, I have to add that I am not liable for anything that goes wrong while trying these eggs. The most severe result I have ever experienced was having my screen freeze after using MacsBug, but try the eggs at your own risk.

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Credits

Moral support and editing by Heath Hewitt (HeathMH1@aol.com) & more recently, Dan Pfefferbaum.

Macworld <u>MacSecrets</u> by David Pogue and Joseph Schorr. ©1994. Published by IDG Books.

Most of Code Name information in here was from <u>The Mac Bathroom Reader</u>, published by SYBEX and available in better bookstores for \$12.99. If your local bookstore doesn't carry it, ask them to place a special order for ISBN #0-7821-1531-4. Or you can order an autographed copy direct from the author, Owen W. Linzmayer (71333.3152@CompuServe.com).

Voodoo Mac by Kay Yarborough Nelson.

Various issues of "MacWorld" Magazine.

Brian Kendig inspired this list with his list-the first easter egg compilation of any kind ever released.

Also included are bits and pieces from compilations by James Wang, and Ngai Chi-ho.

A special thanks to all of those on my mailing list and others who have helped keep this file current and popular!

