

Smarticons

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Chapter 1

SmartIcons

1.1 SmartIcons Guide

SmartIcons 2.0a --- Great standard icons to Amiga
FreeWare Copyright © 1996 PitPlane Productions

SmartIcons rel 2 -- 1996 Harry Sintonen

Introduction

What's this?

About

Some words about SmartIcons.

Features

What can it do?

Requirements

Do I need to upgrade?

Installing

How can I do it?

Package

What's included?

SIPatch

Is this a hack or something?

SIC

SIC? What's that!?

Tips

Some tips.

Important notes

Please read.

License

FreeWare!

Disclaimer
Kaboom!!

History
What has happened.

1.2 Introduction -- What's this?

INTRODUCTION

SmartIcons is a program package which will allow you to use "standard icons". Instead of having big .info files which contain a lot of graphical data, you may now have tiny .info files, whose doesn't contain image-data, instead they contain reference to file where image-data will be gotten.

If you have a harddisk, you often have a lot of of similar looking icons on it. You may have sometimes thought that it would be nice if those icons would use the same image instead of they all having their own. This is where SmartIcons comes in. But SmartIcons does much much more. It, for example, could speed up Workbench a bit, and reduce Workbench's memory usage.

Technical introduction:

SmartIcons reduces both disk and memory usage of icons. This has been achieved by patching functions that OS and applications use for icon processing. The identical image (SmartIcon Image) of Smarticons is kept in memory only once. This way you can easily have thousands of icons open on Workbench. Smarticon on disk usually take only few hundred bytes (two disk blocks). As icon files are short loading them speeds up drastically.

1.3 Features -- What can it do?

ADVANTAGES

- o You can save a lot of HD space.
 - o SmartIcons helps you to standardize your icons (eg. it won't look very nice to have dozens of different kinds of doc-icons on your HD), you can make different kind of icons, which all are for similar files, have the same image very easily.
 - o If you are using MagicWB (© Martin Huttenloher) you may easily convert some of your KS 2.0 or 1.3 colored icons into MagicWB ones.
 - o You can make loading long drawers (C, Libs, etc.) a lot faster by simply converting EnvArc:Sys/Def_Project.info and EnvArc:Sys/Def_Tool.info into Smarticons.
 - o Caches SmartIcon Images into memory.
 - o Cleans up memory wasted by unused SmartIcon Images whenever
-

- memory is needed for any other purpose.
- o On-line help.
- o Much more...

RESTRICTIONS

- o There is no easy way to make your whole HD use Smarticons instead of normal icons. (YET!)
- o There is no easy way to convert all Smarticons from a disk or a HD back to normal. (YET!)
- o If you haven't run


```
SmartIconsPatch
, Smarticons look a little
bit strange. Your friends might complain about strange icon
images on disks you've send to them, but then, give'em
SmartIcons!!
```
- o SIPatch cannot be removed from memory (there isn't any reason to do so, anyway).
- o None of these programs is commodity. (YET!)
- o Needs


```
'SmartIcons:'
  -assign.
```

1.4 Requirements to run SmartIcons -- Do I need to upgrade?

REQUIREMENTS

SmartIcons requires an Amiga :), OS 2.x or higher. Under newer kickstart (OS 3.x+) SmartIcons has some additional features.

SmartIcons has been developed and tested (actually I use SmartIcons all the time) on
 Amiga 1200
 .

1.5 Installing SmartIcons -- How can I do it?

INSTALLING

Installing SmartIcons is (relatively?) easy; just drag (copy) SmartIcons drawer icon into your disk and add

```
'SmartIcons:'
  -assign.
```

After adding SmartIcons: -assign you should drag SIPatch into WBStartUp drawer or make it run any other way everytime you boot up.

Now, reboot and see the documentation of
 SIC
 .

1.6 Contents of SmartIcons package -- What's included?

THE PACKAGE

SmartIcons currently consists of three programs:

- o SIPatch - SmartIconsPatch
- o SIC - SmartIcons Converter
- o IcoMe - Display SmartIcon Images in memory

All programs can be run from both CLI and Workbench.

And some other files:

- o SmartIcons.guide - AmigaGuide document file
- o SmartIconImages - Drawer containg SmartIcon Images

+ Bunch of icons.

NOTE: Some of these programs can't be used without

```
'SmartIcons:'  
-assign.
```

SIPatch

must be run before any program which uses icons, or the program may have problems handling Smarticons.

SIC

is a program which allows you to convert some icons into Smarticons and opposite too. SIC has currently only graphics interface, CLI tools for converting icons are coming soon.

IcoMe is a small program which allows you to see which SmartIcon Images are currently in memory and how many Smarticons are using each Image. Currently it has no parameters.

1.7 SmartIconsPatch -- Heart of SmartIcons

SMARTICONSPATCH

SmartIconsPatch is the heart of SmartIcons. It handles image loading, caching, flushing and all compability with Workbench and other applications.

SIPatch must be run before any program which uses icons, or the program may have problems handling Smarticons. Often a good place for SIPatch is in StartUp-Sequence just before LoadWB-command. You might also replace LoadWB with script, which first runs SIPatch and then original LoadWB, which is renamed to some other name. If you won't convert icons which appear when Workbench has been loaded, you may drag SIPatch into WBStartUp-drawer.

If you feel confused click this link...

CLI and WB arguments of SmartIconsPatch
 SIPatch tries to be as OS compatible as possible. It can be ←
 said

that if problems occur, they aren't because of SIPatch. SIPatch isn't a hack or a kludge and there can't be any problems removing it as this isn't possible... ;-)

Error conditions:

If your SmartIcons: -drawer doesn't contain image which is referenced in some Smarticon you'll get error message. With

ERRORMODE
 =REQUESTER you get this error requester:

```

SmartIconsPatch                                     [ ]
|-----|
|  Cannot load Image                               |
|  'XXXX.info'.                                    |
|-----|
|.-----..-----..-----..-----|.
| Retry || Use def || Use def all || Cancel ||
| \-----/ \-----/ \-----/ \-----/
|-----|
  
```

(XXXX is the ID of the missing SmartIcon Image.)

```

.-----|.
| Retry |           Retry will try to load Image again.
\-----/
  
```

```

.-----|.
| Use def |           Use default will cause SmartIcons to create
\-----/           pseudo Image for ID in question. Image will
                    contain system default icon image accordinly
                    to icon's type. There might arise a problem
                    if you have converted this system default
                    icon into Smarticon and its Image is missing
                    too. (See Cancel.)
  
```

```

.-----|.
| Use def all |       This is same as previous, with one exception:
\-----/           All possibly missing Images to come will get
                    pseudo Images created for them. This is useful
                    if you find dozens of Images missing and
                    don't want to hit 'Use def' all the time.
                    NOTE: After pressing this button you'll never
                    (before next reboot) see this requester again.
  
```

```

.-----|.
| Cancel |           In some cases even system default image isn't
\-----/           accessible (I've never seen this happen
                    though). In this case this requester will pop
                    up asking same ID again and again. Then you
                    have to select Cancel.
  
```

NOTE: All SmartIcon activity is disabled until you select one of the buttons.

1.8 CLI and WB arguments of SmartIconsPatch

SMARTICONSPATCH ARGUMENTS

SIPatch can be run from both CLI and Workbench. It supports two parameters which act similarly in both environments.

ERRORMODE -- This describes the mode to be used in error conditions (Image is missing). By default SIPatch will only display beep on screen and proceed as Cancel had been pressed on error requester. If you specify **ERRORMODE=REQUESTER** error requester will pop up. If you don't want to see any visual presentation on error conditions set **ERRORMODE=NONE**. If you want pseudo Images to be created for all missing Images set **ERRORMODE=PSEUDOALL**.

QUIET -- If this switch is specified SIPatch will not output anything on console or Workbench screen on it's failure conditions. Normally SIPatch displays error message if it couldn't get run or it was already active.

1.9 SmartIcons: -assign

SMARTICONS: -ASSIGN

WARNIGN: Be aware that this assign is not intended to point to SmartIcons drawer, but SmartIcon Images drawer!!

To make these programs work, you must first assign 'SmartIcons:' to SmartIcon Image drawer. Initially this image drawer lies on SmartIcons drawer as name SmartIconImages, but it can be moved elsewhere on your disk. 'SmartIcons:' is where these programs keep SmartIcon Image icons for Smarticons.

You can simply add similar line as follows to your S:User-Startup file:

```
Assign SmartIcons: "foo:bar/burb"
```

...where foo:bar/burb is the path for SmartIcon Image drawer. For example if you had simply copied SmartIcons drawer to 'Work:Util/' drawer the line would be

```
Assign SmartIcons: "Work:Util/SmartIcons/SmartIconImages"
```

1.10 Tips on using SmartIcons

SOME TIPS

- o Convert ENVARC:Sys/def_xxxx icons into Smarticons. If the images of these icons aren't found from SmartIcon Image list add them as SmartIcon Images first. Workbench pseudo icon (Window/Show/All Files) handling speeds up drastically and memory usage will drop.
- o Use 'Change default tool' and 'Change tool types' modes when needed, they make your life a lot easier. For example, if you have 100 doc files using XYZView as their default tool and the doc icon as awfully looking then pick some ReadMe image from SIC's image list and check 'Change default tool' and 'Change tool types'. Then drop all these doc files at once into SIC's window and life is again little easier.
- o If you have some text/pictures/modules/whatever drawer containing loads of similar files you can check 'Whole directory' and drag the drawer icon into SIC's window and the whole directory will be processed...
- o 'Whole directory' works on all operations: Smarting, Un-smarting and when adding SmartIcon Images.
- o If you use for example ViewTek display program as your default tool for your picture files and you get new and better display program (how about Visage) and you decide to change default tool for all those files then you can simply change SmartIcon Image's default tool [from WB (V37) or from 'Special/SmartIcon Image Info...' -menu selection (V39)] and drop all your picture files into SIC's window. That's it.
- o You can use this kind of script replacing LoadWB or by name LoadSWB instead of LoadWB in your S:startup-sequence file:

```

---- LoadSWB script file ---- cut -----
.KEY PARAMS/F
.BRA {
.KET }

;
; LoadSWB 2.0 (25.12.95)
;
; Script for SmartIcons loadwb
;

; Run SmartIconsPatch:

SIPatch ERRORMODE=REQUESTER QUIET

```

```
; You can, of course, use whatever parameters you like with
; SIPatch.
```

```
; Now, run the original LoadWB with params given to this script:
```

```
LoadWB {PARAMS}
```

```
; If you use this script replacing original LoadWB you must rename
; LoadWB (for name LWB for example) and modify line above
; accordingly.
```

```
---- LoadSWB script file ---- cut -----
```

- o There's no color limitation: you can use 2 to 256 color icons as you wish. In fact, SmartIcons should be able to handle even all the future icons to come!
- o If you decide that you've found better imaginary for some SmartIcon Image you can simply modify the SmartIcon Image icon (located to SmartIcons: -assign) with some icon editor (Iconian is a good one). To see the change on screen you (might) have to reboot. ←
- o Still a bit under construction, sorry...

1.11 Some notes considering SmartIcons

IMPORTANT NOTES

- o If decide to use SmartIcons in everyday life you should be prepared to encounter some complaints from your friends and swap contacts: If you send some stuff to others you should remember to Un-smart icons of those files you're sending. The easiest way is to Un-smart all the files you're going to send as it doesn't matter whether the icon is smart or not, only smarticons will be un-smarted. The other solution is to spread SmartIcons package all over the world! ;-)
- o Although the SmartIcon Image icons in SmartIconImages -drawer are MagicWB style they can also be any style you like. You're of course allowed to create your own versions of the icons (4 colored version? NewIcons?) and spread them as PD. It would be nice if you'd send your brand new collection to me too. Thank you already...
- o You can completely destroy your unique icon imaginery by

converting them into Smarticons (dropping them into SIC's window) so be careful!

Only convert icons you know you won't be needing anymore!

I've warned you!

- o If you look carefully into SmartIconImages -drawer you can see that each SmartIcon Image .info file has its description as comment (Type "List SmartIcons:" to see them). You may modify these comments by hand, but you're advised to use SIC (Special/Rename SmartIcon Image -menu selection). There's one other thing too: you must be careful not to do such operation that touches file comments!! This is very important as you can easily discard all your SmartIcon Image descriptions (I've managed to do this once and I can tell you it wasn't fun at all!). So always remember to use "Copy CLONE" when copying SmartIcon Image files within Shells and CLIs etc.
- o The only thing really smartened about icons is their imaginary. Default tool and tool types aren't taken from SmartIcon Image but from the icon itself. What this really means is that if you, for example, change SmartIcon Image default tool the change won't take place on converted icons. The check boxes about default tool and tool types in SIC main window mean only whether they should be preserved as in the original icon (not checked) or copied from the SmartIcon Image (checked).

This may change in the future. I've planned to include smart default tool and tool types too.

1.12 SIC -- SmartIcons Converter

SMARTICONS CONVERTER

SIC is the most complex part of the SmartIcons package. SIC is a program which allows you to convert some icons into Smarticons

,

Smarticons into normal icons
and
add new SmartIcon Images
. You

may also manipulate SmartIcon Images a bit using SIC.

Running SIC:

If you have

Installed SmartIcons

correctly then you should be able

to run SIC instantly. If you haven't done installation (at all/correctly) you should

```
prepare some things
for SIC.
```

Running SIC is easy: Just type SIC <return> in CLI or double-click its icon in Workbench.

While you're using SIC and you begin to feel uncertain how things work, feel free to hit HELP-key at any time. You'll get instructions on

```
How to use SIC
.
```

1.13 What need to be done to get SIC running

PREPRATIONS

You must have directory for SmartIcon Images and assign

```
'SmartIcons:'
to it.
```

If

```
SIPatch
```

hasn't been run, run it now. (However, sometimes it could be better not to run SIPatch as this is the only easy way to know which icon is a Smarticon and which isn't. PLEASE NOTE: You can only convert icons if SIPatch is running.)

Then you may run SIC.

1.14 How to use SmartIcons Converter

HOW TO USE SMARTICONS CONVERTER

SmartIcons' philosophy

CLI and WB arguments of SmartIcons Converter

Adding some new SmartIcon Images

Converting an icon into a Smarticon

Converting a Smarticon into normal icon

SmartIcons Converter's menus

If you check 'Whole directory', and drop a drawer into SIC's ↔ main

window, drawer icon will not be affected in any way, but all files in it will be processed. NOTE: This operation isn't recursive.

1.15 SmartIcons' philosophy -- What is what

SMARTICONS' PHILOSOPHY

You might be little confused. That's ok, as this isn't the most self explanatory program in the world. Some terms should be explained, I think...

```

Smarticon          -- This is an converted icon which lies
                   on your disk as any other icon.

Converting,
Smarting           -- Operation where bulky, ugly, terribly
                   looking, or otherwise unwanted icon is
                   converted into Smarticon.

Un-smarting       -- Operation in which you convert Smarticon
                   into normal icon. This is usually done when
                   you want to release some stuff with real
                   icons. Please note: Un-smarting does not
                   restore the original imaginary of the icon
                   (the icon you Smartened), but converts
                   Smarticon into "real" icon.

SmartIcon Image   -- This is an image which is displayed on a
                   converted icon (Smarticon). These image
                   icons reside only in
SmartIcons:
  -drawer.
                   When you run SIC the list of available
                   SmartIcon Images is shown on right side of
                   the window.

Adding SmartIcon
Images            -- Operation where you add new SmartIcon
                   Images.

```

1.16 CLI and WB arguments of SmartIcons Converter

SMARTICONS CONVERTERS' ARGUMENTS

SIC can be run from both CLI and Workbench. It supports three parameters which act similariry in both environments.

```

CONFIG            -- This is the full path of the config file.
                   In WB you can also have several
                   configurations as project files and SIC as
                   their Default Tool. By default config file
                   is 'PROGDIR:SIC.config'.

HELP              -- This is the full path of the on-line help
                   AmigaGuide file (This document, in fact!).
                   By default it is 'PROGDIR:SmartIcons.guide'. If
                   the document can't be found from this location

```

'S:SmartIcons.guide' (V37) or
'HELP:SmartIcons.guide' (V39+) will be tried
last. This is useful if you have some special
location for storing document files and you
want to move SmartIcons' document there.

ICONSTART -- Request SIC to start as iconified.

1.17 Adding new SmartIcon Images

ADDING SMARTICON IMAGES

Although loads of SmartIcon Images are shipped among this package,
you might want to add some new ones to SmartIcons. You can add new
images any time you want to. Images can also be manipulated with

```
'Special'  
-menu.
```

If you want to add SmartIcon Images then first check the "Add
SmartIcon Image" -checkbox. If you drag any icon using Workbench
to SIC's window, it'll be added to

```
SmartIcons:
```

```
-drawer. When you
```

have dropped an icon, a requester appears, which prompts a ID and

```
Description
```

for Image. ID can only contain four letters and it
MUST be unique. Description is description of image which you'll
see on listview at right side of SIC's main window. If you select
Cancel gadget in add-requester operation is cancelled and no new
SmartIcon Image is added to SmartIcons: -drawer.

See

```
SmartIcon Image ID selecting policy
```

.

NOTE: If you are going to add an drawer icon to SmartIcons,
drawer icon must have corresponding directory.

1.18 Politics: How do I select ID for SmartIcon Image then?

POLITICS ;-)

Selecting ID for image is simple: It must have 1 to 4 characters
and it must be unique, that is, the ID hasn't be used by any other
SmartIcon Image previsously. Note that if given ID is used
previously by some image it will not be accepted and new ID is
asked.

There's a problem, though. If all users add new SmartIcon Images
and give IDs to them somewhat randomly, the icons aren't

compatible with each other. This could be prevented by strict rules about icon IDs, but I don't want to do it. The truth is that people mostly use SmartIcons privately, and don't spread stuff with Smarten icons. Or this should be the case, at least. Well, anyway, if you ran into problems because of missing images then calmly convert those icons with SIC into your settings. Your personal taste counts.

Maybe in the future all Amiga user around the world use SmartIcons and compatibility problems may occur... Or maybe not!
;-)

1.19 Converting an icon into a Smarticon

SMARTING, CONVERTING

PLEASE NOTE: You will lose the original image of the icon you're about to convert into Smarticon. Note also, that

Un-smarting
does
not restore the original image!

First make sure that both, 'Add SmartIcon Images' and 'Un-smart Smarticon' checkbox aren't checked.

Then drag an icon (or even several icons) into SIC's main window. The icon/icons will be converted into currently selected SmartIcon Image. (The current image is shown in a box on left top of the SIC's main window.)

Conversion can be controlled using several settings. If 'Change icon type' is checked, then icon's type will be changed to reflect SmartIcon Image's type. If 'Change default tool' is checked, then icon's default tool will be changed. (This checkbox has no effect if icon type isn't project.) If 'Change tool types' is checked, then icon's tool type -array will be changed. If file has no previous icon (it was pseudo-icon), it will be handled as if 'Change icon type', 'Change default tool' and 'Change tool types' all were on.

NOTE: If you are going to convert an drawer icon into a Smarticon, drawer icon must have corresponding directory.

1.20 Converting a Smarticon into normal icon

UN-SMARTING

First uncheck 'Add SmartIcon Image' and check 'Un-smart Smarticon'. Then drop an icon (or many icons) into SIC's main window and they'll be converted into normal icons.

If you drop normal icons to SIC's window when Un-smarting is on

they aren't touched in any way.

Converting a Smarticon into a normal one also often works, if you load a Smarticon into some icon editor (

```
Iconian
  does fine,
```

```
IconEdit
  doesn't) and then save it back without changing it.
```

1.21 The best icon editor for Amiga: Iconian

ICONIAN

Iconian (Copyright © 1993–1995 Chad Randall) is the best icon editor for Amiga. Its feature list is so long that I won't even try to memberize it here. If you're still using pathetic IconEdit get Iconian NOW!

Iconian is a stabil, well behaving program and it also works with Smarticons perfectly.

1.22 The not so good icon editor for Amiga: IconEdit

ICONEDIT

Workbench 2.x/3.x introduced new icon editor: IconEdit. It was nice, but not best possible. It for example does some of its handling directly to DiskObject's image. For example, Extras/Recolor function does it's job by flipping two first planes! This is done directly to DiskObject. These kind of direct DiskObject image changes aren't nice thing to do. You can get strange effects if you edit Smarticons with IconEdit.

If you're serious artist get
Iconian

.

1.23 SmartIcons Converter's menus

SMARTICONS CONVERTER'S MENUS

Project-menu:

Open...	/ O	These are used to load or save
Save	/ S	configuration.
Save as...	/ A	
About...	/ ?	This gives some information about SIC.
Help...	/ H	Gives help about using SIC.

Quit /| Q Quits SIC, note that this is the only way
to really exit SIC, close gadget just

iconifies
SIC.

Special-menu:

Rename SmartIcon Image... /| R Allows you to give a
new
description
for a SmartIcon
Image.

Remove SmartIcon Image... /| D Allows you to remove a
SmartIcon Image.
NOTE: Never remove SmartIcon Image
before you are sure that no icon uses
it.

SmartIcon Info... /| I Under KS 3.x or better:
Gives similar info requester
as in Workbench. With this
you can easily change default
tool and tooltypes of
SmartIcon Image icon.

Rescan SmartIcons Re-reads list of SmartIcons
displayed at the right
side of SIC's display. Please
select this menu-item every time
you have made any changes to

SmartIcons:
-drawer "by hand".

1.24 Renaming SmartIcon Image

RENAMING SMARTICON IMAGE

This rename operation only changes description of the SmartIcon
image. See

ID and Description of SmartIcon Image

.

1.25 ID and Description of SmartIcon Image

ID AND DESCRIPTION OF SMARTICON IMAGE

ID is a maximum four characters long identification for SmartIcon
Image. See

SmartIcon Image ID selecting policy

Description is a description of SmartIcon Image which you'll see on listview at right side of SIC's main window. It's often used simply to describe the Image. The name should be informative and simple, you should also follow some kind of a standard when you describe your SmartIcon Images.

1.26 Iconify

ICONIFY

Just press the close gadget of SIC and it'll be iconified.

NOTE: If an icon 'SIC_Iconify.info' is in SmartIcons:, it'll be used when SIC is iconified, else SIC's own icon.

1.27 License

LICENSE

1. This license applies to the product called "SmartIcons", a program for the Amiga computer, published by PitPlane Productions under the concepts of FreeWare, and the accompanying documentation. The terms "Program" and "SmartIcons" below, refer to this product. The licensee is addressed as "you".
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1.29 About SmartIcons -- Some words about SmartIcons

ABOUT SMARTICONS

SmartIcons software and documentation are Copyright © 1996 PitPlane Productions. All Rights Reserved.

SmartIcons has been created using CygnusEd by CygnusSoft Software, Devpac by HiSoft and AmigaE by Wouter van Oortmerssen on an

accelerated Amiga 1200

.

SmartIcons release 1 created by
Marko Nippula

.

SmartIcons release 2 created by Harry Sintonen.

If you haven't yet discovered, SmartIcons is FreeWare.

If you have any suggestions or remarks about this program, or if you find any bugs, please let me know.

Write to the following address (for
bug-reports
, comments etc.):

SnailMail: Harry Sintonen
Kotipolku 30
48710 KARHULA
Finland - Europe

Phone: +358-52-609-049
(voice only, in English or Finnish, please!)

1.30 About bug reports

ABOUT BUG REPORTS

When sending in bug reports, please state exactly under what circumstances the bug occurred, what equipment was used and what happened. If possible also try to give me enough information to reproduce the bug. Dumps produced by common debugging tools are welcome. It is very difficult to find bugs when you don't know exactly what happened.

You are strongly encouraged to use included
bug-report -form
to
report bugs.

1.31 Form for sending bug reports

BUG-REPORT

I HAVE FOUND BUG(S) FROM SmartIcons. I HAVE VERSION _____.

NAME: _____

ADDRESS: _____

ELECTRONIC ADDRESSES: (if any, ie. Internet Email, FidoNet Netmail etc.)

MACHINE CONFIGURATION:

(ie. 500, 600, 1000, 1200, 1400, 1500, 2000, 2500, 3000, 4000...)

DETAILED DESCRIPTION OF BUG (ENVIRONMENT, ANY DEBUGGING INFORMATION RECEIVED FROM YOUR FAVORITE DEBUGGING TOOLS (ENFORCER etc.), WHAT YOU WERE DOING WHEN BUG OCCURED OR SIMILAR STUFF:

(Date)

(Signature)

1.32 Program History

PROGRAM HISTORY

==== Version 2.0a ==== February 1st, 1996 =====

- Second public release
- Developer changed to Harry Sintonen, thanks to Marko

- !
- SIPatch rewritten.
 - SIC partly rewritten.
 - This document almost fully rewritten.
 - Loads of new and missing features added, and features that weren't suppose to exist (bugs ;^) removed. Lotsa weird behavior cured.

==== Version 1.0a ==== April 20th, 1995 =====

- First public release, ten or less (?) known users
- All original versions of SmartIcons package were developed by Marko Nippula.

1.33 Marko Nippula

MARKO NIPPULA

Marko is a good friend of mine and the best coder I know (personally B-). He studies lots of weird stuff (that no man can understand) at some wicked place called Otaniemi... :-P

If you wanna tease him, send lotsa stupid mail to this address:

E-Mail: Marko.Nippula@hut.fi

(or if I didn't get it right above try:
mnippula@vipunen.hut.fi)

If you wanna have good laugh then peek Marko's homepage!

WWW homepage: <http://www.hut.fi/~mnippula>

(Seriously, this homepage is really quality one, just go and see!)

1.34 My Amiga -- I see, you're curious...

IT'S MINE MINE MINE...

I have an Amiga 1200 with 10 Megs of memory, 540 MB harddisk and 50 MHz 68030 Blizzard turbo.

By the time this program is released, I'll probably own 68060 accelerator, Microvitec multisync monitor and more than 1 Gig harddisk space.

But seriously... :-)

I'll probably only buy V.34 modem. [how poor!]

1.35 "

1.36 "

1.37 Congratulations!! You made it! This is the Secret Page ;^)

THE SECRET PAGE

Now the world has gone to bed,
Darkness won't engulf my head,
I can see by infra-red,
How I hate the night.

Now I lay me down to sleep,
Try to count electric sheep,
Sweet dream wishes you can keep,
How I hate the night.

Marvin

Douglas Adams:

Life, the Universe and Everything
