

## **ExtraInfo**

**COLLABORATORS**

	<i>TITLE :</i> ExtraInfo		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>ExtraInfo</b>	<b>1</b>
1.1	ExtraInfo.guide . . . . .	1
1.2	Distribution . . . . .	2
1.3	Disclaimer . . . . .	3
1.4	Package Contents . . . . .	3
1.5	Background Info . . . . .	4
1.6	Requirements . . . . .	4
1.7	Installation . . . . .	5
1.8	Starting and Quitting . . . . .	5
1.9	Using the Program . . . . .	6
1.10	AppIcon Usage . . . . .	7
1.11	AppWindow Usage . . . . .	8
1.12	Menu Commands . . . . .	8
1.13	Keyboard Usage . . . . .	9
1.14	Tooltypes Page . . . . .	10
1.15	File Info Page . . . . .	11
1.16	Volume Info Page . . . . .	13
1.17	Icon Info Page . . . . .	14
1.18	Version ID Strings . . . . .	16
1.19	Identifying File Types . . . . .	17
1.20	Tooltypes . . . . .	17
1.21	Bugs and Improvements . . . . .	20
1.22	Version History . . . . .	21
1.23	Credits . . . . .	21
1.24	Author . . . . .	22

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# Chapter 1

## ExtraInfo

### 1.1 ExtraInfo.guide

```
***** ←
***** EXTRAINFO *****
*****
```

By Nick Christie  
Version 1.1  
21st May 1995

Distribution.  
Disclaimer.  
Package Contents.  
Background Info.  
Requirements.  
Installation.  
Starting and Quitting.  
Using the Program.  
AppIcon Usage.  
AppWindow Usage.  
Menu Commands.  
Keyboard Usage.  
Tooltypes Page.

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File Info Page.  
Volume Info Page.  
Icon Info Page.  
Version ID Strings.  
Identifying File Types.  
Tooltypes.  
Bugs and Improvements.  
Version History.  
Credits.  
Author.

## 1.2 Distribution

Distribution

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- o ExtraInfo is Copyright ©1995 by  
Nick Christie

All rights are reserved.

- o ExtraInfo is "freeware" so no donation is required. It is \*not\* in the public domain.

- o ExtraInfo may be freely distributed provided all the files listed in

Contents

remain unaltered and are included in the distribution. They may, however, be archived to conserve space.

- o No profit is to be made by selling this software. You may only charge enough to cover reasonable production and distribution costs.
- o This software may not be included in a commercial package, or on a magazine coverdisk, without the author's written permission.
- o This software may not be uploaded onto any BBS that claims copyright on uploaded material.
- o If you use ExtraInfo, I would enjoy receiving a postcard or email from you. See my  
addresses

The BGUI library is copyright  
©1993-4 Jaba Development/Jan van den Baard.

The WhatIs library is copyright  
©1994 Sylvain Rougier & Pierre Carrette.

Amiga, AmigaDOS, AmigaGuide, Workbench and Kickstart  
are registered trademarks of Commodore-Amiga, Inc.

## 1.3 Disclaimer

Disclaimer  
=====

This program is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of this program is with you. In no event can I be liable to you for damages of any kind arising out of the use of this program, or the inability to use it.

## 1.4 Package Contents

Package Contents  
=====

This package consists of:

ExtraInfo	The program itself.
ExtraInfo.info	8 colour icon for above.
ExtraInfo.appicon.info	8 colour icon for use as AppIcon.
ExtraInfo.readme	Program overview in text format.
ExtraInfo.readme.info	8 colour icon for above.
ExtraInfo.guide	Documentation in AmigaGuide format.
ExtraInfo.guide.info	8 colour icon for above.
ExtraInfo.install	Installation script.
ExtraInfo.install.info	8 colour icon for above.
ExtraInfo.pi	Product-Info file for databases.
4ColourIcons/...	4 colour icons for program, etc.
Catalogs/ExtraInfo.cd	Catalog generation files.
Catalogs/ExtraInfo.ct	

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Libs/bgui.library	Jan van den Baard's interface library.
bgui.guide	AmigaGuide documentation for above.
bgui.guide.info	8 colour icon for above.

## 1.5 Background Info

### Background Info

=====

ExtraInfo is a replacement for the Workbench "Information" function. It can do everything that that facility can, plus a bit more. The main advantage of ExtraInfo, as far as I'm concerned, is that it is font sensitive and keyboard controllable. Oh, there are also a few useful icon functions bundled in, too. Ah, and finer control over the tooltypes. And AppWindow/Icon support. And in a resizeable window.

I suggest you stop reading this stupid guide and try the thing out - it doesn't take a brain surgeon to figure out the basics. Click once on the ExtraInfo icon, hold down either Shift key and double click on another icon. Come back to this guide when you've had a play with it. If you need to.

Tip: If you prefer to use the keyboard, press the Tab key to step from page to page, and the up and down cursor keys to scroll the list of tooltypes.

## 1.6 Requirements

### Requirements

=====

ExtraInfo requires:

- o AmigaOS 2.04 / Kickstart V37 or higher.
- o bgui.library V38 or higher. (windows, gadgets, etc)

The following disk-based Commodore libraries are required, but are part of AmigaOS 2.04 anyway:

- o asl.library V37 or higher. (file requester)
- o workbench.library V37 or higher. (appwindow/icon support)

The following disk-based Commodore libraries are optional, but their absence will limit the functionality of ExtraInfo:

- o locale.library V38 or higher. (localization)
  - o diskfont.library V36 or higher. (custom font support)
  - o whatis.library V2 or higher. (file type identification)
-

- o amigaguide.library V33 or higher. (on-line help)

All the above libraries are standard Commodore ones, except for BGUI, by Jan van den Baard (included), and WhatIs, by Sylvain Rougier and Pierre Carrette (not included). WhatIs is available from AmiNet in directory util/cli and on Fish Disk 995.

Programmers are encouraged to get the full BGUI package from AmiNet, in directory dev/gui.

In addition, file version ID display requires that the AmigaDOS command "Version" be available on ExtraInfo's path (it's usually in the "C:" directory), and that the logical assign "T:" exists (this is created during the standard startup sequence).

## 1.7 Installation

### Installation

=====

A script for Commodore's Installer utility is provided, just double click on the install icon. Installer is available from AmiNet in directory util/misc or from Fish Disk #870.

If you prefer to perform the installation by hand:

- o copy ExtraInfo anywhere you like,
- o copy Libs/bgui.library to LIBS: (check in case you already have a newer version).

Optionally:

- o copy ExtraInfo.guide and bgui.guide wherever you keep guides (and set the GUIDENAME tooltype to point at ExtraInfo.guide),
- o copy ExtraInfo.appicon.info anywhere you like (and set the APPICONNAME tooltype to point to it),
- o copy the catalog file for your preferred language to "LOCALE:Catalogs/<language>/ExtraInfo.catalog".

NB: There are currently no catalog files available: translations would be greatly appreciated; send them to me  
here

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## 1.8 Starting and Quitting

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### Starting and Quitting

=====

To start ExtraInfo from the Workbench:

1. Double click its icon. It will open a file requester asking you to select the file or directory you want information on. It is also possible to configure ExtraInfo to start up without this requester, leaving only an AppIcon on the Workbench - see the

Tooltypes  
section.

or

2. Click on the ExtraInfo icon once, then double click on the icon you want to examine.

or

3. If you have ToolsDaemon or ToolManager installed, you may wish to put ExtraInfo in the Workbench Tools menu, or in a dock window, and start it that way.

To start ExtraInfo from a Shell:

1. Move to the directory where you have placed ExtraInfo (or set your search path to include that directory), enter "ExtraInfo" and press Return. A file requester will open, as above.

or

2. As above, but add a file or directory name to skip the requester and display information for that item.

To quit ExtraInfo:

1. Click on the Save, Close, Quit or close window gadgets.

or

2. Press 'S' for save, 'C' or 'Esc' for close, or 'Q' for quit.

or

3. Select "Quit" from the menu.

or

4. If ExtraInfo has its AppIcon enabled, double click on the AppIcon and select the Yes button of the confirmation requester.

or

5. Send it a CTRL+C signal using the AmigaDOS 'Break' command.

## 1.9 Using the Program

### Using the Program

=====

ExtraInfo's window contains several pages of displays and gadgets, the exact type and number depends on what kind of item it is currently showing information for.

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Across the top of the window you will see either two or three "tabs", one for each page. Clicking on one of those tabs brings the associated page forward. You can also press the Tab key on the keyboard to move to the next page and Shift+Tab to move to the previous page.

The four possible pages are:

- o Tooltypes Page
  - o File Info Page
  - o Volume Info Page
  - o Icon Info Page

Across the bottom of the window on each page are three gadgets:

- o Save - to save your changes and close the window,
- o Write - to save your changes but keep the window open,
- o Close - to close the window, without saving or quitting (available only if the AppIcon is present),
- o Quit - to close the window and quit ExtraInfo, without saving changes.

There are also similar commands in ExtraInfo's menu

.

ExtraInfo's window is also an AppWindow - you can show information for a new object by dropping its icon on the window. See the AppWindow section for more info.

If you have enabled it with the APPICON tooltipe, you can show information for a new object by dropping its icon on the AppIcon

.

ExtraInfo can be controlled via the keyboard, though not all the keyboard shortcuts are obvious - see the Keyboard section for details.

## 1.10 AppIcon Usage

AppIcon Usage

=====

If you supply the APPICON tooltipe, ExtraInfo will place an AppIcon on the Workbench screen. You can get information for an object by dropping it on this AppIcon.

The default image for the AppIcon is the icon "ExtraInfo.appicon", which is looked for in ExtraInfo's current directory. To specify a different icon, use the APPICONNAME tooltype. You can also set the AppIcon position with the APPICONX and APPICONY tooltypes.

If you supply the tooltype NOPOPUP along with APPICON, ExtraInfo will run without opening its window. This is a sensible combination to use if you want to put ExtraInfo in your WBStartup drawer.

For more information, see the tooltypes section.

## 1.11 AppWindow Usage

### AppWindow Usage

=====

ExtraInfo's window is an AppWindow - this means it reacts to icons you drop onto it. What happens depends on what part of the window you drop the icon on:

- o Edit string gadget on the Tooltypes Page: the name (with full path) of the object is appended to the current tooltype entry.
- o Default Tool string gadget on the Icon Page: the name (with full path) of the object replaces the current contents of the gadget.
- o Icon Image button gadget on the Icon Page: after confirmation, the existing icon image is replaced by that of the dropped object.
- o Anywhere else: after confirmation, ExtraInfo displays information for the dropped object.

## 1.12 Menu Commands

### Menu Commands

=====

ExtraInfo has just one menu, these are the items in it:

#### Open

----

To select a new file or directory to examine.

#### Write

-----

To save any changes you have made to the tooltypes, file protection flags, etc, without closing the window.

---

### Save

----

To save any changes you have made to the tooltypes, file protection flags, etc. ExtraInfo will then quit (or just close the window, if its AppIcon is enabled).

### Help

----

Displays ExtraInfo's AmigaGuide documentation, starting with the section that describes the currently active gadget page.

### About

-----

Displays some information about the program, such as the version number, and about me, the author (no, not my version number!).

### Close

-----

This item is enabled only when ExtraInfo's AppIcon is active. It causes ExtraInfo to close its window without quitting entirely; the AppIcon is left on the Workbench.

### Quit

----

To stop ExtraInfo, including the removal of its AppIcon, if present.

## 1.13 Keyboard Usage

### Keyboard Usage

=====

You can control ExtraInfo via the keyboard. The menu items have

shortcuts accessed as usual with the Right Amiga key, the gadgets have shortcut keys indicated by the underlined letter in the gadget label.

A few keyboard shortcuts are not obvious:

- o Tab - moves to the next page of gadgets,
- o Shift+Tab - moves to the previous page,
- o Esc - closes the window, discarding any changes,
- o Help - opens the AmigaGuide documentation,
- o Up/Down - scrolls the tooltypes list on the tooltypes page,
- o Shift+Up/Down - scrolls the tooltypes list a page at a time,
- o Ctrl+Up/Down - scrolls to the top/bottom of the tooltypes list.

## 1.14 Tooltypes Page

Tooltypes Page

=====

Note: all the gadgets on this page except the listview are disabled when the object for which information is being shown does not have its own icon - there would be nowhere to save the tooltypes to otherwise.

You may still see tooltypes in the list, though. These are the ones present in the default icon which the AmigaOS has supplied to ExtraInfo. Usually these default icons can be found in the ENV:Sys directory, with names like "def\_tool.info" and "def\_project.info".

In addition, all button gadgets except for Insert are disabled if there are no tooltypes to manipulate.

Tooltypes

-----

Most of this page is occupied by a listview gadget, which shows you the tooltypes present in the icon. Use the mouse or cursor up/down keys to scroll through the list. If you're using the keyboard, pressing Shift+Up/Down scrolls by page and Ctrl+Up/Down takes you to the very top or bottom of the list.

Edit

----

To edit an existing tooltip, select it in the listview and it will appear in this string gadget where you can edit it to your heart's content. Just remember to press the Return key when you're done!

You can also drop icons in this gadget - the name of the object (with full path) will be appended to the current contents.

Top, Up, Down, Bottom

-----

Moves the selected tooltip in the direction specified.

Insert

-----

Allows you to add a new tooltip, inserting it above the currently selected one. The new, empty tooltip is automatically selected and the Edit gadget activated, ready for you to type in the value.

Toggle

-----

The Toggle button can be used to turn tooltypes on and off, by enclosing the whole line in parentheses. When a tooltip is parenthesized it won't be recognized by programs, but remains in the icon as a helpful reminder should you wish to turn it back on again.

---

If the selected tooltip is already enclosed in parentheses, the Toggle button will remove them. Hence the name.

Dup

---

Short for Duplicate, inserts a copy of the currently selected tooltip and activates the edit gadget. Remember to press the Return key when you've finished editing.

Remove

-----

Deletes the currently selected tooltip.

Cut

---

Copies the currently selected tooltip to the clipboard, then removes it from the list. If the "All" button is selected, all tooltips are cut to the clipboard.

All

---

This button "toggles" between off and on states. When pushed down (selected), all tooltips in the list are affected by cut and copy operations. When deselected, only the current tooltip is cut or copied.

Copy

-----

Copies the currently selected tooltip to the clipboard. If the "All" button is selected, all tooltips are copied to the clipboard, each on a separate line.

Paste

-----

Reads text from the clipboard, inserting each line into the list as a new tooltip.

## 1.15 File Info Page

File Info Page

=====

The File Info page is available if the current object is a file or directory. Note that it will not appear if you drop an icon on ExtraInfo's window which has no associated file - the words "No File" will be shown in the window title bar in that case.

## Attributes

-----

Some attributes of the file or directory being examined are displayed down the left hand side of this page:

Bytes        Size of the current file in bytes. Zero for directories.

Blocks       Size of the current file in blocks. Zero for directories.

Key          Disk key, in hexadecimal. Usually indicates the physical location of the object on disk as a block number.

Owner ID     In multi-user systems, the ID of the object's owner.

Group ID     In multi-user systems, the ID of the object owner's group.

Changed      The date and time this file or directory was last changed.

## Version

-----

Shows the version string embedded in the file (if any). This will initially say "(Undetermined)" as the file has not been examined yet. Click the button to the right to make ExtraInfo search for and display the version string. See

Version ID Strings  
for some more information.

## FileType

-----

The current object's type, as returned by the WhatIs library. This will initially say "(Undetermined)" - click on the button to the right to make ExtraInfo discover the filetype. See

Identifying File Types  
for some more information.

## Protection Flags

-----

On the righthand side of the page, a column of checkbox gadgets allows you to set and clear the various protection flags of the current file or directory.

## User

-----

The User cycle gadget lets you set the Read, Write, Execute and Delete flags for the object's owner (Own), group (Grp) and others (Otr). No permission checking is done by ExtraInfo, it leaves it up to the multi-user filesystem to refuse to update flags if you do not have the rights to do so.

## Comment

-----

Also known as filenotes, comments up to 80 characters long can be

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attached to files and directories. These are stored within filesystem structures and therefore not dependant on the existance of an icon. It is not possible, however, to save comments with some filesystems, notably MS-DOS. Unfortunately, ExtraInfo can't easily determine this - you may get an error message when you select the Save gadget, or the comment may be quietly ignored by the filesystem.

## 1.16 Volume Info Page

Volume Info Page

=====

This page is available if you ask ExtraInfo to show you information about a volume (ie. disk). There are no gadgets here, just a display of attributes and statistics.

Starting in the top left corner and working downwards:

Bytes	The total capacity of this volume in bytes, followed in parentheses in units of kilobytes (K), megabytes (M) or gigabytes (G), whichever is most appropriate.
Free	The total free space in bytes, displayed as above.
Used	The total bytes used on the volume, displayed as above.
Full	How full the volume is, expressed as a percentage.
Created	The date and time this volume was last initialized (ie. formatted).
Status	The volume's current status - one of: "Read Only", "Validating" or "Read/Write".
Device	The name of the Exec device controlling this volume.

Note that the bytes total, free and used will differ from that reported by the AmigaDOS Info command when using the OldFileSystem. This is because the OFS imposes a certain overhead that ExtraInfo takes into account but Info does not.

Starting in the top right corner and working downwards:

Blocks	The total capacity of this volume in blocks.
Free	The total free space in blocks.
Used	The total blocks used on the volume.
Size	The size in bytes of each block.
Errors	The number of read/write errors that have occurred with this volume during the current session.



FileSys The type of filesystem installed on this volume, one of:  
OFS (OldFileSystem),  
FFS (FastFileSystem),  
I-OFS (International OFS),  
I-FFS (International FFS),  
DC-OFS (Directory-Cached OFS),  
DC-FFS (Directory-Cached FFS),  
KICK (Kickstart Disk),  
MSDOS (MS-DOS),  
NDOS (Unknown, but readable),  
???? (Unreadable disk).

Unit The Exec device unit for this volume.

## 1.17 Icon Info Page

Icon Info Page

=====

This page displays some information about the icon for the file, directory or volume you asked ExtraInfo to examine. If the object does not have an icon (an associated ".info" file), the appropriate default icon will be displayed here, but the gadgets will be disabled.

Type

----

The type of icon is shown here, one of: "Volume", "Drawer", "Tool", "Project" or "Trashcan".

Bytes

----

The size in bytes of the icon's ".info" file.

Size

----

The width and height of the icon in pixels. May not always match the image size, though.

Position

-----

The left and top position of the icon within the drawer window co-ordinate system. If the icon has been "unsnapshot", the word "None" is used to indicate that the icon has no fixed position.

Highlight

-----

What Workbench will do to highlight the icon when it is selected. One of the three highlight modes: "Alt.Image", "Complement" and

---

"Backfill".

#### Colours

-----

Use this slider to increase or decrease the colour depth of the icon image. You can see the effect immediately in the image displayed to the right. This does *\*not\** perform any fancy colour remapping operation, it merely cuts out bitplanes or adds blank ones in.

This function is useful for two reasons: to cut down the size of the icon file by eliminating unused bitplanes (eg. a 256 colour icon displayed on a 4 colour Workbench), and to eliminate image corruption caused by faulty icon images when displayed at a higher colour depth.

#### UnSnap

-----

Just like the "UnSnapshot" Workbench menu item.

#### Swap B/W

-----

When Commodore released Workbench 2.0, they swapped the colours used by the system in pens 1 and 2 (originally white and black). Hence older icons look incorrect on newer systems. This button changes all pen 1 pixels in the icon image to pen 2, and vice versa, to correct such icons. This is the same operation performed by the "Recolor" menu item in the AmigaOS2+ IconEdit program.

#### Stack

-----

This integer gadget is for setting the stack size to be used for the tool launched by a project icon.

#### DefTool, Req

-----

Use this string gadget to specify the default tool for project icons (ie. what program to run when you double-click them). To select a default tool using a filerequester, click on the Req button. You can also drop a tool's icon on the string gadget to get its name entered.

#### Icon Image

-----

The icon image is displayed in a button gadget. Click on it to see the alternate image, if available. Complement and backfill highlight modes are not emulated, however.

This button is also a drop-box, as indicated by the ridged frame around it. If you drag an icon from the Workbench and drop it in this box, ExtraInfo will ask you if you wish to use the new icon imagery. If you select 'Yes', the current icon image will be replaced. This is a similar facility to that provided by such programs as IconUpdate and is also a neat way to add icons to files that don't have them.

---

## 1.18 Version ID Strings

### Version ID Strings

=====

In the

file information page

, ExtraInfo tries to find and display the

version ID string of the current file. This string has a standard format: "\$VER: v.r (dd.mm.yy)" where v is the version number, r the revision number, dd the day, mm the month and yy the year. This is not present in all files, however. The author must deliberately embed it there.

The AmigaDOS Version command can be used to display embedded version IDs, and ExtraInfo takes advantage of that by calling on it. This does mean, though, that the Version command must be present in your C: directory (or elsewhere on Workbench's path) for this facility to work.

In addition, to read what Version finds out, ExtraInfo redirects its output to a temporary file called "T:ExtraInfo.temp", which is deleted immediately afterwards. So the directory assign "T:" must be set. The standard Commodore startup-sequence assigns "T:" to the RAM Disk, so this is not generally a problem.

However, when asked for the version of some special system files such as libraries, the Version command does not examine the file on disk if that object is already loaded into memory - it returns the version of the copy in memory. This can be a nuisance if, for example, you want to see if a library on disk is newer than the copy you already have. In addition, left to itself, Version will load the library into memory, if it isn't there already, to see what its version number is. This wastes memory, although admittedly the library will be flushed out if not in use when more memory is required.

To get around all of this, ExtraInfo adds the command line argument "FILE" when it calls Version. This causes the command to search the file itself for the version ID string described above, without loading libraries and so on. The downside is that the Commodore disk-based libraries such as "asl.library" do not contain embedded version ID strings. Oh well.

NB: ExtraInfo does not try to find version strings automatically - you must press the appropriate button on the file information page. If you would like this to be automatic, set the

GETVERSION tooltype

.

## 1.19 Identifying File Types

### Identifying File Types

ExtraInfo relies on a package called WhatIs, by Sylvain Rougier and Pierre Carrette, to determine file types. You must already have at least version 2 of this library installed on your system for this facility to work. This library is available from AmiNet in directory util/cli and on Fish Disk 995.

ExtraInfo will not automatically get filetype information - you must press the appropriate button on the file information page. If you would like this to be automatic, set the

```
GETFILETYPE tooltype
```

## 1.20 Tooltypes

### Tooltypes

The tooltypes ExtraInfo looks for in its program icon are described below. The arguments used from a Shell are the same; the template is:

```
FILE, NOPOPUP/S, APPICON/S, APPICONNAME/K, APPICONX/K/N, APPICONY/K/N,
GETVERSION/S, GETFILETYPE/S, GUIDENAME/K, LANGUAGE/K, PUBSCREEN/K,
WINDOWFONT/K, LISTFONT/K, MINWINSIZE/S, KEEPWINSIZE/S
```

ExtraInfo's tooltypes are of three kinds:

**String** - you must supply a string of some kind; a filename, public screen name, etc. For example, "LANGUAGE=deutsch".

**Integer** - you must supply a numeric value (a whole number). For example, "APPICONX=52".

**Boolean** - you must supply one of the following: YES, NO, TRUE, FALSE. For example, "APPICON=YES". You can also omit the value entirely, which indicates the YES or TRUE state: "APPICON".

NOPOPUP                      Boolean, default: FALSE

-----  
If TRUE, and if the APPICON tooltype is also TRUE, ExtraInfo won't open a filerequester when started without any other object as an argument. This allows you to put ExtraInfo in your WBStartup drawer, to be launched every time you start Workbench.

APPICON Boolean, default: FALSE

-----

Set this to TRUE to enable ExtraInfo's AppIcon.

APPICONNAME String, default: "ExtraInfo.appicon"

-----

You can specify the image to use for the AppIcon with this tooltype. Select an existing icon, or create one with IconEdit and put its name in this tooltype, along with the directory path. Omit the ".info" part at the end. Note: if you put ExtraInfo in your WBStartUp drawer, don't put the AppIcon there as well, because Workbench will try to launch it as a program.

APPICONX, APPICONY Integer, default: no fixed position

-----

You can set the position of the AppIcon in the Workbench window using these tooltypes. If you omit them, the position is 'free', ie. Workbench decides.

GETVERSION Boolean, default: FALSE

-----

Set this to TRUE to make ExtraInfo try to find version ID strings inside files automatically. See

Version ID Strings  
for more

information.

GETFILETYPE Boolean, default: FALSE

-----

Set this to TRUE to make ExtraInfo try to determine file types automatically. See

Identifying File Types  
for more information.

GUIDENAME String, default: "ExtraInfo.guide"

-----

The path to and name of this AmigaGuide file. Set this to the location and name of ExtraInfo's guide.

LANGUAGE String, default: system default

-----

ExtraInfo supports the locale library of AmigaOS 2.1 and above, allowing it to display text and messages in your preferred language. You would normally specify the language with the Locale Preferences program; this tooltype allows you to override that setting if necessary.

Note that there aren't any catalog files for localization at this time. Help here would be greatly appreciated.

---

PUBSCREEN                   String, default: system default

-----

The name of the public screen that ExtraInfo should open its window on. If unspecified, ExtraInfo opens on the default public screen, which is normally Workbench.

WINDOWFONT                String, default: screen default

-----

ExtraInfo normally uses the default font of the screen it opens on. If you wish to override this setting, specify the font with this tooltip, using the following format: "example.font/12" where the 12 indicates the desired point size.

LISTFONT                   String, default: same as WINDOWFONT

-----

You can pick a particular font to use in the tooltips list with this tooltip. Use the format: "example.font/12" where the 12 indicates the desired point size.

MINWINSIZE                Boolean, default: FALSE

-----

If you set this tooltip to TRUE, ExtraInfo will always open its window with the minimum size. Normally it remembers and re-uses the size of the window when it was last closed.

KEEPWINSIZE               Boolean, default: FALSE

-----

When you close the ExtraInfo window, it saves the window's position and size in a small file called 'ExtraInfo.win' in the ENV: directory. The next time the window opens, it will try to stay at that size and position, but this isn't always possible. For example, the icon may be larger, resulting in a larger window. When you close the window, the new size is saved and used again next time.

To get ExtraInfo to try and open its window at the same position and with the same size each time, run it once with this tooltip set to FALSE (or toggled off), position the window as you like it and close it, then set this tooltip to TRUE. Finally, copy the 'ExtraInfo.win' file from ENV: to ENVARC:. It will be copied back to ENV: by the standard Startup-Sequence each time you boot up.

DONOTWAIT                 (Switch, no value required)

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This is not an ExtraInfo tooltip, actually. This is looked for by Workbench in the tooltips of programs placed in the WBStartup drawer. It's presence tells Workbench not to wait for this program to exit before continuing with its startup. Otherwise you get a requester saying 'This program has not returned. Should I wait some more?'. You need to make sure this tooltip is present if you put ExtraInfo in the WBStartup drawer.

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STARTPRI                    Integer, default: none

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This is not an ExtraInfo tooltype, actually. This is looked for by Workbench in the tooltypes of programs placed in the WBStartup drawer. It tells Workbench the order in which to launch those programs. By setting a higher priority number, you can force a program to be launched before others. ExtraInfo doesn't care about this.

## 1.21 Bugs and Improvements

### Bugs and Improvements

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Known bugs:

- o The LISTFONT tooltype is supposed to set the font in the tooltype edit gadget as well. But it doesn't. I don't know why, yet.
- o Sometimes, when you save a snapshotted icon, its position changes in the Workbench drawer window.

Suggested improvements in no particular order:

- o Some catalogs!
  - o Dropping an icon on tooltypes listview causes its tooltypes to replace the current list, or be added to it.
  - o Support for multiple WB args, both via double-click startup and dropping on AppWindow.
  - o Make re-entrant and patch into OS3 WBInfo() function. Or write a separate patch that starts ExtraInfo. Would someone like to help by beta-testing such a patch, since I don't have OS3?
  - o Option to add AppMenuItem?
  - o Clip large icon images?
  - o Select which icon image (normal/selected) to import/replace.
  - o Pick icon image via file requester. Also support for ILBMs.
  - o Option to get default icon from WhatIs.
  - o Real icon colour remapping algorithms.
  - o Select new icon type, size, highlight method, etc.
  - o Button on File page to find directory size in bytes.
-

Please send bug reports or further suggestions to  
me  
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## 1.22 Version History

Version History  
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1.0 (9.5.95)

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First release.

1.1 (21.5.95)

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Fixed Enforcer hits on File Info page, reported by Lars Hecking.  
No longer disables paste button when tooltypes list is empty.  
Forgot to optimize, saves 1K.

## 1.23 Credits

Credits  
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Thanks go to:

Jan van den Baard for bgui.library.  
Sylvain Rougier and Pierre Carrette for WhatIs.library.  
Andreas M. Kirchwitz for CSh.  
Werner Günther and Gunther Nikl for Xoper.  
Gaël Marziou and Philippe Bastiani for Yak.  
Roger Nedel for BadLinks.  
Bruce Dawson for CygnusEdPro3.  
The SAS Institute for SAS/C.  
HiSoft for DevPac3.

This program was developed with the following equipment:

Amiga B2000rev6  
Kick 37.175, WB 37.67  
ECS 1MB Agnus, OCS Denise  
GVP G-Force EC030/882 @ 40MHz  
10MB Fast RAM, 1MB Chip RAM  
340MB SCSI HD (Fujitsu 2682S)  
150MB Tapestreamer (TEAC MT-2ST/N50)  
Philips CM8833 monitor (flicker, flicker...)

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## 1.24 Author

Author  
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