SwazInfo

COLLABORATORS			
	TITLE : SwazInfo		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		January 9, 2023	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SwazInfo

1.1 SwazInfo 1.8 (30.10.94)

```
          SwazInfo 1.8    Copyright (C)1992,93,94 David Swasbrook.
  ============
```

```
          Disclaimer
            Legal information
```

```
          Conditions
            Shareware information
```

```
          Requirements
            Whats needed
```

```
          Introduction
            Introduction to SwazInfo
```

```
          How to Install
            How to install SwazInfo
```

```
          Usage
            How to use SwazInfo
```

```
          Special Thanks
            Thankyou for your ideas/support
```

```
          History
            A very brief history of SwazInfo
```

```
          Programmers
```

Programming information

1.2   disclaimer

```
Disclaimer
**********
```

  I hereby reject any liability or responsibility for these or any
  other consequences from the use of SwazInfo whatsoever. This includes,
  but is not limited to, damage to your equipment, to your data,
  personal injuries, financial loss or any other kinds of side effects.

  Although SwazInfo has been tested thoroughly on several different
  machines, I cannot rule out the possibility that SwazInfo

      o is somehow incompatible to your equipment

      o has bugs that show up on your equipment

      o does not do what it is supposed to do on your equipment

  It is your responsibility to take any precautions necessary to
  protect yourself from these or any other effects. I explicitly
  reject any liability or responsibility from the consequences of you
  using SwazInfo

  Swaz.

1.3   Shareware distribution info...

```
              Shareware
*********
```

  SwazInfo is shareware. The program may be freely distributed and
  copied, as long as the following conditions are fulfilled:

    o The sales price must not be higher than the cost of an (empty)
      disk plus a nominal copying fee plus costs for shipping. The total
      price must not be higher than 5 US$.

    o All parts of the program and the documentation must be complete.
      The distribution of single parts or incomplete subsets of the
      original distribution is NOT ALLOWED.

    o SwazInfo or parts of it may not be sold in combination with or
      as part of commercial software.

    o Program and documentation may not be changed in any way.

    o Permission has been given for distribution through Aminet and
      Fred Fish.

o Exclusive commercial distribution rights have been granted to
  Intangible Assets Manufacturing for use in its
           Amiga Envoy
                 peer-to-peer networking product.

SwazInfo is shareware, this means I request those users, who
use SwazInfo, to send me the shareware fee of 10 US$ (or any other
contributions gratefully accepted) to the following address:

Postal: David Swasbrook,
               PO Box 54134,
               Bucklands Beach,
               Auckland,
               New Zealand.

Internet: swaz@iconz.co.nz (private)
          or   msd@iconz.co.nz

Please include the following information in your registration:

   o your name, address (electronic mail addresses preferred)

   o your Amiga model(s)

   o Kickstart and Workbench versions

   o the SwazInfo version number

   o the
              MultiuserFileSystem
              version number (if installed)

 I assure you that the information you send me will be treated
confidentially.

 I will try and inform everybody, who has registered with me as
described above, when a new version of SwazInfo becomes available.

 If you have sent a shareware donation, if possible, you will receive
an update through mail (preferably email).

Thank you very much in advance !

1.4 Whats needed to run SwazInfo

              Requirements
****

 The following are required for SwazInfo to run:

   o
              matrix.library

```
                version 23.1882 or higher

   o For additional features for SwazInfo you can use the

                MultiuserFileSystem
                version 1.5 or higher.

                whatis.library
                version 3.5 or higher
```

1.5 Matrix Library

```
MatrixLibrary
*************
```

  Copyright © David Swasbrook, All Rights Reserved.

  o Yet another library to put in your LIBS: drawer.

  o Matrix.library is a development tool which will be used in
    fourthcoming releases of programs I have written.

  o The name "matrix" came from "The Matrix" – The computer system used
    by the TimeLords (Re: Dr Who).

1.6 What is Amiga Envoy?

```
Amiga Envoy
***********
```

  Intangible Assets Manufacturing uses SwazInfo in its Amiga Envoy
  peer-to-peer networking product.

    Intangible Assets Manufacturing
    828 Ormond Avenue
    Drexel Hill, PA 19026-2604
    USA

    Email: iam@iam.com

  Amiga Envoy is the standard Amiga peer-to-peer networking software
  developed by Commodore's Amiga Networking Group. Its performance,
  user-interface and API are consistent with the philosophy of the
  Amiga Operating System. Amiga Envoy provides a simple messaging
  interface for the easy development of reliable network applications.
  Included applications enable connected Amiga computers to share hard
  disks, CD-ROMs and printers transparently. Third-party applications
  can provide functionality such as electronic mail, remote computer
  access, multi-user databases and multi-player games.

```
    Envoy is Copyright © Commodore Amiga Inc.
```

1.7 WhatIs.library Support

```
WhatIs.library
**************
```

  Copyright © Sylvain Rouger and Pierre Carrette

    This is a shared library that is capable of identifying the
  type of a file. This information is used by SwazInfo to determine
  the default icon to load for the file information.

1.8 MultiUserFileSystem

```
MultiUserFileSystem
*******************
```

  Copyright © Geert Uytterhoeven, All Rights Reserved.

    You've got an Amiga with Kickstart 2.04 or higher and several
  people are regularly fooling around with it ... Last week your sister
  deleted your 20MB JPEG collection by mistake and you don't want this
  to happen again ...
  Well, here's the answer: MultiUser!

    MultiUser allows you to create a *IX-like environment where several
  users live together in harmony, unable to delete each others files,
  unable to read those private love-letters of other users ... And
  this even if several users are working on the machine at the same
  time (on a terminal hooked up to the serial port) ...

    You are the sole user of your computer? Well, make sure it stays
  that way by installing MultiUser! People without a valid login ID and
  password won't be able to access files you have made private with
  MultiUser. If you make all files private (not readable for others),
  the only useful thing they could do, is boot from a floppy ...

    And ... you do not have to reformat your hard drive!

1.9 introduction

```
                Introduction
************
```

  SwazInfo replaces workbench's icon information window while still
  retaining all the pevious information and options but with many
  improvements and new features:

```
                App Icons
                Additional icons on workbench

                App Window
                Drop icons into the information window

                Arexx
                Send commands via arexx

                Commodities
                Standard commodities interface

                Image Manipulation
                Various image manipulation features

                Locale
                Interface available in different languages

                MultiuserFileSystem
                RWED, SetUID, Owner and Group support.

                WhatIs Library
                Default icon support.

   Other features:

      o Menu options to cycle through other information windows.

      o Shift-CloseWindow will close all information windows on the same
        screen.

      o Disk information also displays the disk type (eg. DOS0 or DOS1)

      o Default icon support.

      o Window font is configurable
```

1.10 installation

```
Installation
************

  Double click on the "install" icon.
```

1.11 How to use SwazInfo

```
                How To Use SwazInfo
******************
```

SwazInfo may be configured by either setting the icon ToolTypes
or by CLI arguments. See
                 Configuration
                .

When SwazInfo is enabled when you select "Information" from the
"Icon" menu on Workbench an alternative Information window is
used (provided the icon type is known).

Currently only the following workbench object types are supported:

  WBDISK, WBDRAWER, WBGARBAGE, WBPROJECT, WBTOOL

Unsupported workbench object types:
  WBDEVICE, WBKICK, WBAPPICON

  o These may be provided in a later release of SwazInfo.

The interface to each of the supported object types has been designed
to resemble the original workbench information function.

1.12   Configuring through ToolTypes or CLI Arguments...

                 Configuration
****

To configure SwazInfo either change the tooltypes or command line
arguments. Supported arguments/tooltypes are:

  Standard Commodity arguments:

    CX_POPKEY

    CX_POPUP

    CX_PRIORITY

  Specific to SwazInfo:

    FONT   - the name and size of the font to use for gadgets.
                      If not specified then the default system front is used.
                      Eg. FONT="topaz 8"

    CENTERED   - If set then when information windows are opened they
                      will start in the center of the display. If not set then
                      the are opened in the top left of the display. The
                      default for this is FALSE.

    TITLEDELAY   - Number of seconds to display messages in the window title
                      before reverting to the normal window title. The default
                      is 3 seconds.

    TOOLS   - This is a list of default tools that are available when

the user clicks on the 'Common Default Tools' button.
(This is alongside the string gadget for the default tool,
and will be disabled if no default tools are available).
Eg. To add the tool 'MyTool' and 'AnotherTool' as default
    tools:
                    TOOLS="MyTool,AnotherTool"
Several default tools are already defined in SwazInfo, they
are used if you do not specify a tools list.
You can request that you use the internal tools list as
well as your list by setting the first character of your
list to "+". Eg. TOOLS="+MyTool,AnotherTool"

The internal default tools are:

                    installer,multiview

NOCHECKOWNER   – if this switch is set then there will be no check made to
                see if the file is modifiable. Default is FALSE.

DROPACTION   – This sets the action to perform when an icon is dropped in
                the information window of another icon, but not in the
                image box or tooltypes listview. Possible values are:

                  ASK, CANCEL, LOADIMAGES, LOADTOOLTYPES, OPENINFORMATION

                Default is DROPACTION=ASK

CLIPBOARDUNIT – specified the clipboard unit number to use. Defaults to 0.

SAVEDIR   – default directory to save images to. Defaults to 'Ram:'

LOADDIR   – default directory to load images from. Defaults to 'Ram:'

CREATEICONS   – should icons be created when images are saved? Default = NO.
                If yes, SwazInfo will use the "env:sys/dev_ilbm.info" icon
                for saved image, if not available then the default type
                will be used.

SIZEFORMAT   – using this you can force SwazInfo to display sizes of disks
                and directories in bytes, kilobytes or megabytes. Default
                mode is ANY, and will use bytes for sizes less than 1K,
                kilobytes for sizes less than 10 megabytes and megabytes
                for sizes any greater. Valid options are ANY B K or M.

MULTIVIEW   – full path name to multiview. The default setting for this is
                "SYS:Utilities/Multiview". This is currently used for the
                'Show Clip...' menu option and is passed arguments of
                "CLIPBOARD CLIPUNIT=#" (where # is the clipboard unit being
                used by SwazInfo, see CLIPBOARDUNIT).

VALIDTYPECHANGE – if set to TRUE then you may only change an icon type to a
                'valid' alternative type. ie. A tool may be chanaged to a
                project, or a drawer into a garbage icon. Default setting
                for this is FALSE.

PROTECTIONBITS – if set to FALSE then provided MultiuserFileSystem is not
                installed the cycle gadget to select Group and Other RWED

                    protection bits will not be present. The default setting is
                    TRUE. Ignored if
                MultiuserFileSystem
                found.

    APPICON_SWAZINFO - filename of the icon to be used as an app-icon to invoke
                    the information requestor. If this tooltype is not provided
                    then there will be no app-icon available. If this tooltype
                    is provided and either the filename is null or the file
                    could not be loaded then the SwazInfo icon will be used
                    if SwazInfo was run from workbench, otherwise the default
                    appicon icon will be used. Default = No app-icon.
                    See
                App Icons
                    .

    APPICON_ALIGN_X - filename of the icon to be used as an app-icon to align the
                    selected icons along a common X coordinate. See ←
                        APPICON_SWAZINFO.
                    Default = No app-icon. See
                App Icons
                    .

    APPICON_ALIGN_Y - filename of the icon to be used as an app-icon to align the
                    selected icons along a common Y coordinate. See ←
                        APPICON_SWAZINFO.
                    Default = No app-icon. See
                App Icons
                    .

    APPICON_HOTKEY - the hotkey to show/hide the app-icons. Default = None.
                    See
                App Icons
                    .

    SHOWAPPICONS - Should the app-icons be visible when swazinfo is started?
                    Default = NO. See
                App Icons
                    .

1.13 Application icon features...

                App Icons
****

  SwazInfo may add up to three app-icons to the workbench window called:
    o SwazInfo - display information on dropped icon
    o Align X   - align dropped icons on a common X coordinate
    o Align Y   - align dropped icons on a common Y coordinate

  Double clicking on any of the app-icons will display the about window.
  You may show/hide the app-icons with a hotkey.

```
See
                Configuration
                for ToolTypes.

  See

                Arexx
                 Notes:
```

  When aligning icons the position when the icon was {b}last saved{ub} is used
  to determine positioning. So dropping icons that have not be snapshot
  will appear to work incorrectly.

1.14   Application window features...

```
                App Window
**********
```

  Icons may be dropped into the information window in several places:

  o If an icon is dropped onto the tool types list then the tool
    types from that icon will be added to the list (any duplicates
    are discarded).

  o Dropping an icon onto the icon image will load the dropped
    icons image to be used for the icon being edited.

  o May drop an icon into the Default Tool string gadget.

  o May drop an icon into the ToolType string gadget.

  o Anywhere else in the window will do a specifiable action
    see
                DROPACTION
                .

1.15   Commodities interface

```
                Commodities Support
******************
```

  SwazInfo is a commodity and supports standard commodities features.

  See
                Configuration
                for ToolTypes.

1.16   Image manipulation...

```
Image Manipulation
******************
```

  o Image may be copied from another icon by dropping an icon into
    the imae display box.

  o Image may be loaded from a picture file (requires DataTypes).

  o Cut/Paste support through commodities

  o Image highlight mode selectable.

  o Horizontal and vertical flipping of the image

  o The image colors may be remapped. A Choice of 1.3/2.0 color
    remapping or user definable color swapping or replacement.

  o If the image does not fit inside the image display box then you
    may scroll around it by using the numeric keypad.

1.17   How to use SwazInfo via Arexx...

```
                Arexx
*****
```

  SwazInfo adds an arexx port to the system named "SWAZINFO" you may
  use the following commands to control certain features:

  QUIT - will try to remove SwazInfo from the system.

  SHOW - displays the SwazInfo about window.

  HIDE - hides the about window.

  FILE - You specify the filename of the icon to be viewed, you can
          also give a public screen name to open on. You must give the
          full path to the icon.

          Eg. To view the icon named "Workbench:System/Format" send the
              arexx command string:

                      FILE Workbench:System/Format

          or using arexx from cli: (don't forget the ")

            rx ' address SWAZINFO FILE "Workbench:System/Format"

          To open the window on the public screen named "PubScreen":

            rx ' address SWAZINFO FILE "-PubScreen Workbench:System/Format"

            * The "-" is used to indicate the pubscreen name.

```
SHOWAPP - show the app-icons. See
              App Icons
            .

HIDEAPP - hide the app-icons. See
              App Icons
            .
```

1.18 Language support...

```
Locale Support
**************

  The SwazInfo interface supports locale, the built in language is
  english.

  Currently the alternative languages are Deutsch and Français.

  Included in the archive is the  Catalog Translation file  just in
  case you would like to translate it into your locale.

  Catalog filename  matrix/swazinfo.catalog


  Submitting a catalog:

    If you wish to send me a locale for SwazInfo please could you send
    the actual text translation file rather than the completed catalog
    itself?
```

1.19 List of contributors

```
Contributors
************

  Thank you to the following translators:
    dansk     - Christian Hoj
    deutsch   - Andreas Baum
    français  - Jean-Michel Bezeau

  Thank you to the following who have sent in suggestions,
  requests, bug reports etc.:
    Alex Kiesl
    Amnon Itamar Govrin
    Andreas Baum
    Andreas Hein
    Andreas Johansson
    Bernhard Seefeld
    Gunter Piringer
```

```
   James Cooper
   James D. Robbins
   Jeff Harrang
   Klaus Alexander Seistrup
   Osma Ahvenlampi
   Pablo Morales
   Thomas Hensel
   Walter Jung

 Beta testing performed by:
   Daryl Jay
   Luke Chastain

 Also thanks to Osma Ahvenlampi for designing the MagicWB icons.

 o I'm sorry if you have contributed and you name is not in the
   above lists. I try to reply to all email so if you have sent
   me some mail and not received a reply then it is more than
   likely that my mailer sent it to nil: accidentally.
```

1.20 programmers

```
Programming Information
***********************

 o How to find the SwazInfoBase semaphore.  See includes.

   SwazInfo creates a public semaphore named "SwazInfo" with which
   you may interface to the swazinfo/WBInfo() function and/or read
   various fields in the swazinfoBase structure.

   Once you have called ObtainSemaphore() you should increment
    sis_OpenCount  and call ReleaseSemaphore(). This way you can
   safely call SwazInfo/WBInfo() without fear of it going away.
   When you have finished with it, please decrement  sis_OpenCount
   inside an ObtainSemaphore()/ReleaseSemaphore() of course.


 o Calling the SwazInfo/WBInfo() function

   This has identical calling parameters as the workbench.library
   WBInfo() function.

   worked = WBInfo(lock, name, screen)
     d0              a0    a1      a2
```

1.21 history

```
History Information
******************
```

'1.8' o SetFunction removal nicer.
  o Fixed bug when drop icon into window that has no
    associated drawer. ie. You drop a drawer icon that
    has no drawer (a drawer.info file all by itself).
    workbench.library is not giving me the correct
    information (well its giving me none at the moment).
  o Ok so i have been a bit late releasing this version.
    Version 2 is under-way and looking very nice ;)

'1.7' o Added App-Icon for bringing up information on an icon.
  o Windows now center in the visible portion of the screen.
  o Delete icon menu option added
  o Drawer size results update during processing.
  o Bugfix with DefTool not being saved sometimes fixed.
  o WhatIs.library support for default icons
  o Dropping icons to change the image now also will change
    the hilight method being used if required.

'1.6' o Small bug fixed in CX_POPKEY, would use an invalid pointer
    as the name of the public screen to open on.
  o Can now rename file.
  o Fixed problem where icon image bitplanes deeper than the
    current screen display would be lost.
  o Closewindow in the listview requestors has been fixed to
    return a correct value.
  o The Remap Requestor can now either remap the current
    image or both images of an icon.
  o The bug with saving files without icons has now been fixed.
  o Added icon alignment drop boxes.

'1.5' o Added show clip option
  o Fixed bug in remap requestor when requestor is cancelled.

'1.4' o Release version for distribution with Amiga Envoy.
  o Finally tracked down bug with the highlight menu items.
  o Remap button added to remap requestor.

'1.3' o Can load iff brushes for the icon image
  o Can copy/paste images from the clipboard
  o Sorting takes into account disabled tooltypes
  o Semaphore has been made public
  o Exclusive commercial distribution rights have been granted to
    Intangible Assets Manufacturing.
  o Interface layout for garbage tidied up

'1.2' o When Icons are dropped outside of either the tooltype
    listview or the image box you are given the choice of
    loading image/tooltypes or to bring up the information on
    this icon.
  o Sub-windows of the main information window are now opened
    initially in the center of the information window.
  o Can turn off file owner checking so will assume that you can
    always modify the file.
  o Now works under Kickstart V37
  o Icon image can be remapped to 1.3/2.0 colors or you may define
    the remapping colors.
  o Also the image can be flipped vertically or horizontally.

o The image my be of any size. It is no longer clipped to fit
  inside the display box. If too large then only part of the
  image is displayed but it may be scrolled using the numeric
  keypad.
o Can change icon highlight method
o Added tooltype enable/disable features

'1.1' o The common default tool gadget has now been implemented. Have added
  new tooltype argument so you can specify your own default tool
  types.
o The icon type may now be changed by selecting a menu item.
o All listviews can be used with up/down arrow keys and return
o The size of a drawer may be computed by selecting the size gadget
  in the top left corner; This may take a while for large directories
  and currently there is no abort method – although i do plan to build
  one in.
o About window will open on the same screen as the information window
  it was invoked from – unless it is already displayed.
o Icon paste menu key is now 'V' ; icon copy/paste has still not been
  implemented however :)

'1.0' o Initial release on Aminet.

1.22 Index...

Amiga Envoy
Amiga Networking

App Icons
Additional icons on workbench

App Window
Drop icons into the information window

Arexx
Send commands via arexx

CLI Arguments
Configuring SwazInfo

Commodities
Standard commodities interface

Conditions
Shareware information

Configuration
Configuring SwazInfo

Disclaimer
Legal information

Drop Actions
Configuring SwazInfo

```
                    Image Manipulation
                    Various image manipulation features

                    Introduction
                    Introduction to SwazInfo

                    Installation
                    How to install SwazInfo

                    History
                    A very brief history of SwazInfo

                    Locale
                    Interface available in different languages

                    Matrix Library
                    Yet another library
     MultiUserFileSystem  MUFS Support
     Programming          Programming Info

                    Requirements
                    Whats needed

                    Shareware
                    Shareware information

                    Special Thanks
                    Thanks

                    ToolTypes
                    Configuring SwazInfo

                    Usage
                    How to use SwazInfo

                    WhatIs Library
                    WhatIs.library

     Other files:

      SwazInfo Includes    Include file for SwazInfo
      SwazInfo Catalog     Catalog Description file for SwazInfo
```