SwazInfo

	COLLABORATORS		

	TITLE : SwazInfo		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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	REVISION HISTORY		

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

SwazInfo

1.1 SwazInfo 1.4 (02.03.94)

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SwazInfo 1.4    Copyright (C)1992,93 David Swasbrook.
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  Special Thanks        Thankyou for your ideas/support

  History               A very brief history of SwazInfo
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1.2 disclaimer

```
Disclaimer
**********
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  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...

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Shareware
*********
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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,
              43 Pickwick Parade,
              Howick,
              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

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Requirements
************
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The following are required for SwazInfo to run:

  o matrix.library version 23.1789 or higher

  o V39 is required. Will work under V37 through Arexx.

  o For additional features for SwazInfo you can use the
    MultiuserFileSystem version 1.5 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 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!

1.8 introduction

Introduction
****

  SwazInfo replaces workbench's icon information window while still
  retaining all the information and options and providing more
  window but with several enhancements.

  Features added in addition to normal Workbench Information:

    o AppWindow ; Icons may be dropped into the information window
       to load the image or tooltypes.

    o MultiuserFileSystem ; Owner/Group/Other/SetUID protection bits definable

    o Window font is configurable

    o Commodities support

    o Arexx support see arexx .

  See extra features for more detail on additional features

1.9 installation

Installation
****

  Double click on the "install" icon.

1.10 How to use SwazInfo

How To Use SwazInfo
****

  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

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    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 to simplify
things, several extra features have been built in to enhance the
icon information feature of workbench.

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 off.

        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. Default = Ram:

        LOADDIR       - default directory to load images from. Default = 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.
```

1.11   Important extra bits...

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Important Additional Features
*****************************

  o Locale support - uses available language catalogs, the english
    locale is built in. See  Locale

  o Commodities support - can use the commodities exchange to remove,
    or disable SwazInfo.

  o Arexx support - See  Arexx .

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

    1) 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).

    2) Dropping an icon onto the icon image will load the dropped
```

icons image to be used for the icon being edited.

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

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 RWED protection bits may be set for the owner, group and others.

o MultiuserFileSystem support:

   1) SetUID bit support

   2) Owner/Group of the file is displayed and an alternative
      owner may be chosen (provided you can modify the file).

o Menu options to cycle through other information windows.

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

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 Default icon support.

o Image highlight mode selectable.

1.12 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.


   No other arexx commands are currently supported.
```

1.13   Only the english locale is currently supported...

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

  The SwazInfo interface supports locale, the built in language is
  english. Currently the only alternative language is 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
```

1.14   List of contributors

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

  Thank you to the following translators:
    français  - Jean-Michel Bezeau

  Thank you to the following who have sent in suggestions and
  requests:
    Andreas Baum
    Bernhard Seefeld
    James D. Robbins
    Jeff Harrang
    Klaus Alexander Seistrup
    Luke Chastain
    Thomas Hensel
    Walter Jung

  Thanks also to the following who reported bugs:
    Alex Kiesl
    Gunter Piringer
    James Cooper
```

```
  Beta testing performed by:
    Daryl Jay

  Also thanks to Osma Ahvenlampi for designing the MagicWB icon.

  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.
```

1.15 programmers

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

  This feature has only been added for release 1.3 of SwazInfo.

  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
```

1.16 history

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

'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.