

ram:Routine

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	<i>TITLE :</i> ram:Routine		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

ram:Routine

1.1 Main

* Gui4Cli Helper Guis *

This is a description of some of the more interesting helper guis contained in the Gui4Cli archive, which you can use to enhance your own guis.

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```

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1.2 Cli.gc

CLI.gc CommandLine Mode

PURPOSE : Open a gui like the WB "Execute Command.." gui, but more.

PATH : guis:tools/cli.gc

USE : GuiLoad guis:tools/cli.gc CommandLine Mode

where :

CommandLine is the command line you want (can be "")

Mode (Optional) is one of RUN, CLI, AREXX, EXEC

Use GUILOAD to open the gui even if it's already loaded.

The gui will open with "CommandLine" in the textin gadget, and the cyclcr set to "Mode". Thereafter the user can use it as needed.

1.3 Clock.g

Clock.g

Purpose : To provide a clock, or wake-up nudges to all the guis that want them.

This gui will start up an ARExx program called Clock.rexx (in dir GUIs:tools/rexx) which will sit in the background and notify Clock.g every minute, setting various variables to time/date etc values.

Other guis which need to be notified can "register" themselves with this gui and they will, in turn, receive messages every minute. These messages will be in the form of a "GoSub" call to a xROUTINE residing in your gui.

Usage:

To register yourself with clock.g :

> GuiLoad guis:tools/rtn/clock.g GuiName

To remove yourself from clock.g (upon quitting for example) :

> GoSub clock.g remove GuiName

In both cases, "GuiName" is the name of your gui.

Your gui *MUST* contain a xROUTINE by the name of "Clock"
 This routine will be called every minute.
 When it is called, you can read the following variables of the Clock.g
 gui, and use them as needed :

```
Clock.g/time      - The current time
Clock.g/date      - Today's date
Clock.g/day       - The weekday e.g. "Monday"
```

You can if you want add to this, by editing the Clock.rexx file.

example : MyGui.gc

```
xONLOAD
; register yourself
GuiLoad  guis:tools/rtn/clock.g  MyGui.gc

xONQUIT
; remove yourself
GoSub  Clock.g  Remove  MyGui.gc

xROUTINE Clock
; this is the routine that will be called
SetWinTitle MyGui.gc "It's $clock.g/time on $clock.g/day $clock.g/date      "

; or even..
if $clock.g/time == '7:30AM'
    run 'PlaySound dh0:sounds/WakeUp'
endif
```

1.4 FilePop

```
FilePop  FileName
```

PURPOSE: A small pop-up gui to deal with a file.

```
PATH    : Guis:tools/rtn/FilePop
```

```
USE      : GUILOAD  Guis:tools/FilePop  FileName
           or..
           GUIOPEN  FilePop  FileName
```

This gui is used in FSearch.gc and others.

You just give it a file name and let it do it's stuff..

It will pop-up a small window with 5-6 buttons to let the
 user decide what action to take with a file.

The 1st button is "AUTO" which checks the file type and runs
 it accordingly, using the \$DEF.PLAYERS defined.

(see the guis:tools/config.gc gui)

The 2nd button is "MORE..." which opens an other gui FILEPOP2 which has more choices. These can be changed/extended as needed.

After use the gui will remain in memory for faster loading if you want to use it some more. You have to specifically GuiQuit FILEPOP to unload it.

1.5 FileReq.gc

FileReq.gc GuiName Routine Path FavFile

PURPOSE : A multiselect File Requester with Favourites etc.
Used as a replacement for the ASL requester

PATH : guis:tools/filereq.gc

USE : GuiLoad guis:tools/filereq.gc GuiName Routine Path FavFile
or..
GuiOpen filereq.gc GuiName Routine Path FavFile

where..

GuiName - is the name of your gui

Routine - is the name of a routine in your gui that will be called repeatedly (with gosub) for every file chosen in the requester. (see below)

Path (optional) the path you want the file requester to open at - if you want..

FavFile (optional) the full path&name of the Favourites file you want to use - default is guis:tools/fav/default

NOTE: if you want to give a FavFile but not a Path, you must still state the Path argument (using "")

The file requester will let you choose files (multiselect or double click) and will send the files chosen back to a specified "Routine" which exists in file "GuiName".

The "Routine" will be called as follows:

```
--> GoSub $GuiName $Routine FileName
```

i.e. you'll get the file name as the 1st argument.

If the user selected many files, then this routine will be called repeatedly for every file.

It's very easy to use and has many goodies, such as definable Favourites file, delete/copy capabilities etc.

Look at guis:g4c/ced/cedbar.gc for a working example.

1.6 FindFile

FINDFILE FileName

PURPOSE : Ask the user to show us where a file is
PATH : guis:tools/rtn/FindFile

USE : GUILOAD Guis:tools/rtn/FindFile FileName

A gui to guide a user to finding a file - or a path to a certain program.

The argument passed must be the name of the file/program/anything you're looking for. For example :

```
GuiLoad guis:tools/rtn/FindFile "DPaintV"
```

RETURNS :

Upon it's returning, \$\$RET.0 either contain :

- The full path of the file, or
- Nothing (i.e. \$\$RET.0 = ""), or
- A dummy command guis:c/ComLine, which will just print out the command line you send to it. This is usefull for gui previews.

note : no window - Just a load routine which runs & quits

1.7 GetFileType

GetFileType FileName

PURPOSE: This routine tries to recognise the type of a given file.
PATH : guis:tools/rtn/GetFileType

USE:

GUILOAD guis:tools/rtn/GetFileType FileName - or
GUIOPEN GetFileType FileName

This routine tries to determine the file type of "FileName"

It will first look at the file header, then at the extension, until it determines the type.

When it returns, \$\$RET.0 will contain :

- The type of file that "FileName" was, or
- "NONE" if there was no file, or
- "UNKNOWN" if the file was not one of the various filetypes defined in the routine (to which you can easily add..)

The type of file is returned as a word (such as ILBM or GIF or 8SVX etc)
See the file itself to see the exact words.

This function is used in conjunction with `guis:tools/rtn/viewfile` to run any file according to it's type.

1.8 GetString

GetString Title String Gui Routine Multi

Get a string from user & pass it to \$Gui \$Routine given

Use :

GUILOAD GUIS:TOOLS/RTN/GETSTRING Title String Gui Routine Multi

where :

Title is the window title you want
String is the starting string you want in the xTEXTIN gadget
Gui is the name of the gui calling the routine
Routine is the routine to call
Multi (optional) is a flag which if = "Multi" then gui will not quit
 This is used for multiple use

This gui is used in the `dir.gc` file manager for the `Rename`, `Makedir` and `Assign` functions - you can see it in `guis:dir/dir.g`

It opens a window with "title" and a textin gadget containing "String". The user will change the "String" shown in the textin gadget and when he presses <enter> it will call the given routine, passing the changed string as the 1st argument :

```
GoSub $Gui $Routine $NewString
```

The \$Routine called must be prepared to deal with the string.

If the "Multi" argument is declared, the gui will stay open and can be called repeatedly (with `GuiLoad`). Otherwise it will quit.

1.9 Palette.gc

Palette.gc

PURPOSE : This is a palette gui, for setting/saving/loading palettes.

PATH : guis:tools/palette.gc

USE : GuiLoad Palette.gc (it will open on it's own)

You can use this as a palette gui anywhere.

- The Palettes are **not** saved as normal IFF palette definitions, but as GUIs.

- They are kept in drawer guis:tools/palette

- You can load them as follows :

```
GUILOAD guis:tools/PaletteName GuiName
```

where

PaletteName is the name of a previously saved palette

GuiName is the name of your gui (i.e. the gui whose screen colors will be changed).

1.10 Read.gc

Read.gc FileName

PURPOSE : A text file Reader.

PATH : guis:tools/read.gc

USE:

- GUILOAD guis:tools/read.gc FileName

This is a window with a listview, to be used for reading text (or other) file. It has file search and edit capabilities.

All you do to use it is pass it the filename you want displayed.

If no filename is given a requester will open.

1.11 ViewFile

ViewFile FileName FileType Mode

PURPOSE: This routine will run "FileName" according to what

"FileType" it is.

PATH : guis:tools/rtn/ViewFile

USE : GuiLoad guis:tools/rtn/viewfile FileName FileType Mode
or..
GuiOpen ViewFile FileName FileType Mode

where:

FileName is the name of the file you want to run
FileType is a word as returned from routine Guis:tools/rtn/GetFileType
Mode (optional) can be RUN or CLI (RUN is default)

What you do to use it, is the following:

Say you have a file called MyFile and you want to view it.

1. You must run it through the GetFileType routine to get the file type it is. GetFileType will return something like "ILBM" (if the file is an iff picture, for example)
2. You then call this routine.

The name of the players used to play/run/execute etc each type of file are defined as Global variables (ex: *DEF.GIF etc).

These Global Variables are gotten through the guis:tools/CONFIG.GC gui.

1.12 Index of ram:Routine.guide

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