

QLib

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REVISION HISTORY

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Chapter 1

QLib

1.1 QLib Documentation

Q L I B

```
Version..... 1.09
Requirements..... OS 2.x
Distribution..... © Freeware
```

Whats New

Credits

Distribution

Bugs & Quirks

What Is QLib?

Contact

Using QLib

History

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1.2 credits

QLib Credits

Written By..... Norman Baccari.
Creative Assistance... Jen Allen.
..... Donald Milne.
..... Dewee Olivier.
..... Adam Szymczak.
..... John Waszczak.

1.3 whats new

Whats New Since Version 1.00

Briefly...

- o QLib now has a preferences editor.
- o Now you can disable/enable files with the click of a button.
- o New options for comment inserts .
- o New report styles for QLReport .
- o See also history .

1.4 distribution

Distribution

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"Its Not PD, But Its FREE!"

1.5 what is qlib?

What Is QLib?

QLib is a workbench utility that reads in data from various AMIGA system files. QLib recognizes the following system files...

```
SYS:Classes/DataTypes/*.datatype
SYS:Classes/Gadgets/*.gadget
SYS:Classes/Images/*.image
SYS:Classes/*.class
DEVS:*.device
LIBS:*.library
```

The information that would be of interest would be the version and revision of the file and the internal ID string that you would otherwise not be able to see. Within the ID string is usually included the version and revision, as well as the authors name and any other information the author decides to include. The ID string is an option to the programmer and the information within is totally at the discretion of the programmer. What this means is, it may not always be up to date or even exist. A programmer may have released version 3 of the widget file and within the ID string have forgotten to change the version from 2 to 3. So sometimes the information may be a little misleading.

QLib provides the following information for files it recognizes.

```
DOS Name (Which can be edited for renaming).
DOS Comment (Which can be edited).
Files Complete Path.
File Version.
File Revision.
File Segment Name.
Priority.
File DOS Size.
```

See Also

QLReport

1.6 qlreport

QLReport v1.03

QLReport is a cli version of QLib that can be used either from a shell or from a file manager using the following options...

```
-o Get revision from library structure only if
    unable to get it from IdString.
-r1 Report Style 1: File Name, Ver.Rev.
-r2 Report Style 2: File Name, Ver.Rev, IdString, Comment
-r3 Report Style 3: A full Report to include all information
```

```
EG: QLReport -o -r3 LIBS:midi.library
```

By default QLReport will provide report style 2 and will not attempt to open the library structure.

TIP: If you use a directory utility like Dopus you can set your file types to use QLReport when you double click on a file.

1.7 usage

Using QLib

It should be noted that care must always be taken when using QLib. Although seemingly harmless, QLib looks at files used by the system, some of which may be critical in running your system. Deleting one of these could cause you some major headaches. QLib will always ask you before deleting anything. Care should also be taken if renaming any of these same files. In some instances, if so much as the letter case of the file name should change, it will not match the segment name. This means the file will FAIL.

Main Window

Preference Window

Report Window

1.8 mainwindow

Main Window

Menu

ListView

Comment Insert

Scan/Scan All

File Type

Import

Delete

Disable/Enable

Refresh

Flush

Iconify

1.9 menu

Main Window Menu Items

Preferences

Call up the preference editor window.

SnapShot

Selecting snapshot will save all window positions and all other current settings. The preference file is stored in ENV:QLib.prefs

About

Information about QLib.

Quit

Do we really need to explain this one?

1.10 prefswindow

Preferences Window

Imports Go To Buffer

Get Revision From...

Comment Inserts Use...

Disable String

1.11 imports go to buffer

Imports Go To Buffer

This gadget allows you to separate any file(s) you import, from the ones that are currently displayed by QLib. When checked, all files imported will go to a separate buffer that can be viewed by changing the main list to "Buffer".

1.12 get revision from...

Get Revision From...

By reading a files segment data we can get information such as the IdString and version but NOT the revision. The revision is obtained by opening the library structure for the file or by looking at the IdString. QLib offers three choices in this area.

Get Revision From IdString.

QLib will try to get the revision by scanning the IdString. Always keep in mind that the IdString is just text and may not actually have a revision or the revision may actually be incorrect as compared to opening the library data for the file.

Get Revision From Library Structure.

Very simply, this method will open the library structure for the revision. This is slower and prone to side effects.

Get Revision From Both.

This is probably the best option. The IdString will be scanned for revision. If, and only if, the revision is not found will the library structure be opened.

1.13 comment insert gadget

Comment Insert Gadget

The comment insert gadget is located in two places. From the main window below the listview identified by "<". And on the report window to the right of the

```
comment
    string gadget. The comment insert gadget
inserts, into the comment field, one of two possible types of comments,
based on your
    preferences
.
```

Comment Inserts Use IdString

The IdString will be copied into the comment field overwriting the existing comment.

Comment Inserts Use Version.Revision

The version and revision are inserted in one of three possible manners. It may be inserted as a prefix before the comment becoming part of the original; as a suffix after the comment, still retaining the original or an overwrite which will not retain the original comment, leaving only the Version.Revision as the comment.

1.14 disable string

Disable String

The "Disable String" allows you to quickly disable a file by either prefixing or suffixing the file with the "disable string" that you specify. The "disable string" should be 2-16 characters. The radio buttons allow you to select between prefix/suffix

1.15 reportwindow

Report Window

Double Clicking an entry from the list on the main window will cause the report window to open for the item you selected. If the item has not all ready been scanned then QLib will scan it and present the information. With the report window still open you can continue to select items from the main window. The report window will update itself. To scan an item again simply double click on another item or select one of the scan gadgets from the main window.

The Report

Dos Name.....
 Dos Name
 of file.
Comment.....
 Comment
 string for file.
Path..... The DOS path where the file is located.
Seg Name..... Internal segment name.
IdString..... Internal Id string.
Version..... Version.
Revision..... Revision.
Priority..... Priority.
Size..... Dos size of file in bytes.

1.16 dos name gadget

Dos Name Gadget

The Dos Name gadget allows you to rename the file you have selected. QLib will ask you to confirm the renaming before proceeding. Renaming a file allows you to temporarily disable it, but caution should always be used when renaming.

W A R N I N G

If your not too sure about renaming system files or why they are there then DO NOT rename anything. The ability to rename is for the informed user. Renaming a file displayed by QLib could disable software on your system or worse cripple portions of your system.

1.17 comment gadget

Comment Gadget

On the report window there is a string gadget for the dos comment allowing you to edit the comment. When you hit return, after your changes QLib will automatically update the comment on disk. To the right of the comment string gadget there is a small gadget identified by a "<" symbol. This is the

comment insert
gadget. Clicking on

this will copy either the IdString or version.revision into the comment field depending and on what you have set your preferences

to for "Comment Inserts". The
comment insert
gadget is also on the

main window for convenience. If the length of the comment exceeds the allowed length for a dos file comment of 80 characters then QLib will detect this and ask you if you want to truncate the comment.

1.18 list view gadget

Main ListView Gadget

The main windows listview gadget displays the files that QLib recognizes. There are three columns in the list. The leftmost column displays the file name and extension. The middle column displays the version and revision. The revision will only be displayed if you have scanned the file and QLib was able to get the revision. The rightmost column displays the comment for that file. Clicking once on an entry in the list will display the comment string below the listview. Double clicking on an entry will bring up the report window for that file. When the report window opens, a scan of the file will be done if one hasn't been done already.

1.19 scan gadgets

Scan & Scan All Gadgets

Scan will scan a file that you have selected from the list. The scan will try to get the version and revision numbers as well as the ID String for the file. Scan All will scan all the files that are in the currently displayed list.

1.20 file type gadget

File Type Cycle Gadget

In the middle of the main window below the listview gadget there is a cycle gadget containing several entries. These entries represent the files that QLib recognizes. Currently these are...

```
Libraries
Classes
Datatypes
Device
Images
Gadgets
```

When QLib starts up it will scan your system for these files. You can select what file types are displayed by using the cycle gadget.

1.21 import gadget

Import Gadget

By default, QLib looks at the standard system locations for files as follows.

```
Datatypes   in  SYS:Classes/DataTypes
Gadgets     in  SYS:Classes/Gadgets
Images      in  SYS:Classes/Images
Classes     in  SYS:Classes/
Devices     in  DEVS:
Libraries   in  LIBS:
```

You may have files in a different location or you might have a file that you want to check before you put it on your system. In this case you can use the IMPORT gadget. A multi-select file requester will pop up from which you may select your file(s). When a selection is made, QLib will insert your selection in two possible ways. If you have the "Imports Go To Buffer" gadget checked in your preferences then any

file you select will go into a separate buffer that can be viewed from the main list by switching the cycle gadget to buffer. Otherwise QLib will separate the files and put them into their corresponding file type display with any other files that might exist.

1.22 refresh gadget

Refresh Gadget

The refresh gadget will rescan your system for the file type that is currently being displayed in the listview gadget.

1.23 flush gadget

Flush Gadget

The flush gadget will flush all entries in the currently displayed list from QLibs memory. It will NOT delete anything from disk.

1.24 delete gadget

Delete Gadget

The delete gadget will delete the currently selected file. QLib will confirm this before any action is taken.

W A R N I N G

If your not too sure about deleting system files or why they are there then DO NOT delete anything. The delete button is for the informed user. Deleting a file displayed by QLib could disable software on your system or worse cripple portions of your system.

1.25 disable-enable gadget

Disable/Enable Gadget

These two gadgets allow you to quickly disable/enable any file using the disable string set in your preferences

. QLib will either prefix

or suffix the selected file name with the disable string. You can choose either prefix or suffix by clicking on the appropriate radio button.

W A R N I N G

If your not too sure about disabling system files or why they are there then DO NOT disable anything. The disable button is for the informed user. Disabling a file displayed by QLib could disable software on your system or worse cripple portions of your system.

1.26 iconify gadget

Iconify Gadget

The main window has an additional gadget to the left of the zoom gadget in the title bar. Clicking on this will shut down QLib and open a small title bar window. To un-iconify, select the iconified window and click the right mouse button.

1.27 bugsquirks

Bugs And Behavior Quirks.

Bugs:

As of version 1.09 no bugs or ENFORCER hits had been observed.

Quirks:

As of version 1.09

- o Menus are not drawn in proper colors. Never noticed before because magicmenus was always running. (Reported by Dewee Olivier).
- o Requesters are not centered on main QLib window.

If you find any problems or have desires for other features you would like to see please feel free to

Contact
me.

1.28 contact

Contacting The Author

Via Email normb@utcc.utoronto.ca
 Internet www.utoronto.ca/gpu/normb
 Snail Mail Norman Baccari
 ALGONQUIN SOFTWARE
 15 Maitland Place, Suite 2003.
 Toronto, Ontario
 CANADA
 M4Y 2X3

1.29 history

History

1996.03 - Birth
 1996.07.20 v1.00 - First Public Release to AMINET
 1996.08.01 v1.01 - Chng: Minor changes to documentation.
 - Fix : Forgot to put in version[] string
 - New : Preferences Editor.
 - New : Disable/Enable files at the click of a button
 - New : Comment insertion options
 Insertion of ver.rev into comment as suggested
 by Adam Szymczak.
 1996.08.25 v1.02 - Add : Can now scan IdString for revision
 - Remv: Removed confirmation requester for refreshes.
 1996.09.07 v1.03 - Remv: Removed the OpenCount in report window.
 - Add : Gadget on main window to do Ver.Rev insert
 into comment
 1996.09.11 v1.04 - Chng: Preferences restructured. QLib will ignore

- prefs prior to v1.04 but will come up with reasonable defaults.
- 1996.09.22 v1.05 - Fluf: Added a "Total Entries" counter.
- Fluf: Added heading to main window listview.
- Fix : Gadgets now become disabled when no entries exist.
- Fix : Minor gadget alignment problem.
- 1996.09.25 v1.06 - Chng: Report window is closed if you use "Delete" or "Flush" as suggested by Dewee Olivier.
- Fix : Delete would get "confused" if you pressed delete after a delete without selecting from the list.
- Fix : Lines of text were badly aligned in some requesters when using MCP.
- 1996.10.02 v1.07 - Fix : All gadgets will disable/enable based on whether or not (a)There are entries (b)There are entries and nothing is selected and (C)There are entries and something is selected.
- 1996.10.10 v1.08 - Chng: QLReport:Changed routines to coincide with those from ↔ QLib.
Fluf: QLReport:Put headings on reports.
Fluf: QLReport:Added new report styles
Chng: QLReport:Removed some dead code
Chng: QLReport:Cleaned up error handling.
- 1996.10.11 v1.09 - Chng: Final modifications to docs before next AMINET release.

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