

QRT

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Chapter 1

QRT

1.1 QRT Modules for OpalPaint

QRT Modules V1.30 for Opalpaint
written by Ruediger Schneider

Author

Copyright

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1.2 Author

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1.3 Copyright

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1.4 Introduction

Introduction

The QRT Modules expand Opalpaint and Opal Utilities with the ability to load and, if possible, save in QRT-Format.

Obviously you will need an Opalvision and installed software to use them.

1.5 Installation

Installation

Simply put

1. QRT.loader into Opalpaint:Loaders/
2. QRT.saver into Opalpaint:Savers/

If you are not familiar with the Amiga the supplied Installation-Script will do this for you.

If you got an older version of Opalpaint (<v2.1), you have to put Assignments for "OpalLoaders:" & "OpalSavers:" in your User-startup:

```
Assign OpalLoaders: Opalpaint:Loaders
Assign OpalSavers: Opalpaint:Savers
```

With newer versions of Opalpaint these Assigns are redundant and can be removed.

1.6 QRT-Loader

QRT-Loader V1.30

The QRT-Loader loads QRT Files like this produced by POVRay (PD-Raytracer).

The QRT-Loader can be controlled via ARexx. Please see
ARexx-Interface

.

1.7 QRT-Saver

QRT-Saver V1.30

The QRT-Saver saves Image-Data in the QRT-Format. No Saving of Alpha- or Stencil-Data is supported.

The QRT-Saver can be controlled via ARexx. Please see
ARexx-Interface

.

1.8 ARexx-Interface

ARexx-Interface of QRT-Saver

Here's some Example Code:

```
/*
** SaveasQRT.oprx
** $VER: SaveasQRT.oprx 1.00 (10 Feb 1997) by Rüdiger Schneider
** Saves the currently loaded Picture in QRT-Format
*/

OPTIONS RESULTS
ADDRESS 'OpalPaint_Rexx'

Saver QRT
Save "dh0:OutPic.qrt"

EXIT
```

1.9 ARexx-Interface

ARexx-Interface of QRT-Loader

You should never use this:

```
/*
** LoadQRT.oprx
** $VER: LoadQRT.oprx 1.00 (10 Feb 1997) by Rüdiger Schneider
** Loads only Pictures in QRT-Format
*/

OPTIONS RESULTS
ADDRESS 'OpalPaint_Rexx'

Loader QRT
Load "dh0:InPic.qrt"

EXIT
```

Instead you should use this:

```
/*
** LoadsQRTtoo.oprx
** $VER: LoadsQRTtoo.oprx 1.00 (10 Feb 1997) by Rüdiger Schneider
** Loads all kind of Pictures including QRT
*/

OPTIONS RESULTS
ADDRESS 'OpalPaint_Rexx'

Loader Intelligent
Load "dh0:InPic.qrt"

EXIT
```

1.10 About the QRT-Format

About the QRT-Format

The QRT-Format is a simple File-Format produced by only a few PD-Raytracers, like POVRay or DKBTrace.

1.11 Tips and Tricks

Tips and Tricks

I suggest that you only install Loaders & Savers you really need, because they occupy memory even if unused.

If you want the list (which appears, when you hit the right mouse button over the Load- or Save-Gadget) of currently available Loaders & Savers to be alphabetically sorted, you just have to open "Opalpaint:Loaders/", copy all loaders to a save location, delete all loaders in "Opalpaint:Loaders", and copy them alphabetically (first GIF.loader, then PPM.loader ...) back into "Opalpaint:Loaders/".

1.12 Version History

Version History

Version 1.2 : Initial Release

Version 1.30 : - Reduced Size of Loader & Saver

- Now programs try to allocate Memory to hold 20 lines, and if this fails, try again with less lines (old Versions simply quit).

1.13 Credits

Thanks to all of the Opalvision-Team for their wonderful Opalpaint.

Thanks to Wouter van Oortmerssen for his AmigaE v2.1b Compiler the Modules are written in.
