

\$VER MiniXpkGuide.dok 1.0 (08.03.95)

COLLABORATORS

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Chapter 1

\$VER MiniXpkGuide.dok 1.0 (08.03.95)

1.1 \$VER MiniXpkGuide.dok 1.0 (08.03.95)

```
*****
*                                     *
*           MiniXpkGuide             *
*           Version 1.0              *
*           by Martin Gierich        *
*                                     *
*****
```

MiniXpkGuide is a replacement for the AmigaGuide and Multiview command with support of XPK-compressed and PowerPacked files.

Introduction
Copyright and Disclaimer
Requirements
Distribution
Usage
Problems and Notes
Future and History
Credits and Author

1.2 Introduction

MiniXpkGuide is a replacement for the AmigaGuide and Multiview command with support of XPK-compressed and PowerPacked files.
So you can compress all your documentations, pictures, sounds etc. using the XPK-package or Powerpacker and view them with MiniXpkGuide without bothering about decrunching.

If you have OS 1.2/1.3, it has no use at all.
If you have OS 2.0/2.1, you can view ASCII-texts or AmigaGuide-databases with it.
If you have OS 3.0 or better, you can view any type of file which is supported by your DataTypes including ASCII-texts and AmigaGuide-

databases.

MiniXpkGuide can be started from CLI or from Workbench.
It is pure and therefore can be made resident.

It is in assembler and optimized for size (only 488 bytes long) and therefore fits comfortably in one (data-)block on harddisk/floppydisk. Small size does not mean that this is a hack; it is fully systemconform !

1.3 Copyright and Disclaimer

It is a small program, so let us keep this chapter also small:
MiniXpkGuide is Public Domain !
Use it at your own risk !

1.4 Requirements

You need at least OS 2.0, but OS 3.0+ is better.
Ofcourse, you need amigaguide.library in your LIBS: directory
(you can find it on Aminet or on Fish Disk 920 with documentation,
but if you have OS 3.0+ you will find it on your Workbench-Disk).

To use XPK-compressed files, you need xpkmaster.library and the right
xpkcompressor (like xpkNUKE.library).
To use PowerPacked files, you need powerpacker.library and
xpkmaster.library.
To show pictures/play sounds you need OS 3.0+ and the right DataTypes.

1.5 Distribution

These files belong to MiniXpkGuide:

MiniXpkGuide	the main executable. 488 bytes long
MiniXpkGuide.doc	documentation in ASCII-format, compressed with xpkNUKE for testing
MiniXpkGuide.guide	documentation in AmigaGuide-format, uncompressed
MiniXpkGuide.S	Assembler-sourcecode
MicroGuide	CLI-only Guide-viewer for fun. 132 bytes long
MicroGuide.S	Assembler-sourcecode
and some Icons	

If you do not have all of them, you had bad luck.
MicroGuide comes without documentation, see the source for more.

1.6 Usage

MiniXpkGuide can be used from CLI or Workbench.
Usage is nearly the same as of the AmigaGuide-command and
Environment-variables are used the same way
(you can find some documentation on Aminet or on Fish Disk 920).

It is pure and therefore can be made resident.
I suggest you to do so if you use it a lot.
Maybe you want to rename MiniXpkGuide as AmigaGuide or MultiView and
replace the old and huge AmigaGuide/MultiView-command.

CLI-Usage
Workbench-Usage

1.7 CLI-Usage

```
MiniXpkGuide <filename> [DOCUMENT <nodename>] [LINE <linenumber>]  
                        [PUBSCREEN <screenname>] [PORTNAME <rexxportname>]
```

The command template is:

DATABASE,DOCUMENT/K,LINE/N,PUBSCREEN/K,PORTNAME/K

DATABASE:

Name of the file to show. Can be XPK-compressed or PowerPacked.
If you have OS 2.0/2.1, the file can be an ASCII-text or an
AmigaGuide-database.
If you have OS 3.0 or better, the file can be any type which is
supported by your DataTypes (Text/Guides/Pictures/Sound ...).

PUBSCREEN:

Name of a Public Screen to open window on. The screen must exist
before using this. This is case sensitive !

PORTNAME:

Name of an ARexx-port to create.

The following arguments will only work if showing AmigaGuide-databases:

DOCUMENT:

Name of the node to start at.
Fine for online-help in scripts and simple programs.

LINE:

Number of the line to start displaying from.
See also DOCUMENT (above).

1.8 Workbench-Usage

No ToolTypes are supported. No annoying requester will appear.
Just click the icon of MiniXpkGuide, then Shift-doubleclick the
icon of the file you want to see. That's all :-)

Or use it as default tool.

You can use it from the Workbench's menu-item "Execute Command", too, but this is no real Workbench usage, see CLI-Usage for more.

1.9 Problems and Notes

Amigaguide.library V34 has a bug which is fully supported by the standard AmigaGuide command. Every time it is started from Workbench it forgets to free a lock on the directory the file was in. So write accesses to that directory will fail !

MiniXpkGuide, ofcourse, has a workaround for this bug, so it will not appear with it.

MiniXpkGuide will not suck you with frustrating error messages, it will exit quietly (and systemfriendly !) after an error has occurred.

But there are only few errors possible:

- Workbench-start: Doubleclick on MiniXpkGuide-Icon or Shift-selected more than one file
- CLI-start: No filename given or file not found (anyway, I do not know how to catch this error)
- General: amigaguide.library not in libs: directory

I was both astonished and impressed when I saw that with OS 3.0 and a picture-file the picture came up. I had guessed that only some fancy characters would appear in the AmigaGuide-window. It seems to be an undocumented feature in amigaguide.library V39, that the given filename will only be handed through to datatypes.library which could show pictures, too. Same with sounds.

1.10 Future and History

Possible things that could be done:

- filerequester
- open window on own screen
- ToolTypes
- patch for 68000-CPU to be as fast as 68060/50MHz-CPU :-)

I do not have planned these improvements, so if you want to see them (or other things) made, you need to convince me to do so.

I wrote this program because I have seen XPKGGuide from Simon Dick and I liked the idea to use compressed documentations. But unfortunately XPKGGuide cannot be made resident, and therefore needs to be loaded every time from disk. I played around with amigaguide.library anyway to implement a viewer in the great ZShell, and with the XPK-package to use XPK-compressed executables, texts and guides with ZShell.

So MiniXpkGuide was some kind of dropping (but it is NO HACK !).

XPKGGuide has Filerequesters, own Screens, Application-Icon, ToolTypes, supports lots of crunchers and hopefully the next version can be made resident. XPKGGuide is a real "adult proggy": It is 16548 bytes long.

1.11 Credits and Author

Credits go to

- Simon Dick for his XPKGuide I took the idea from
(Sorry Simon, but it just happened that I coded this)
- the writers of the amigaguide.library for their great Hypertext system
- the authors of the XPK-package (UD. Müller, B. Ford, C. Schneider)
- Nico Francois for his powerpacker.library
- the one who created the icons I took (I do not know where I found it)
- Stefan Sürken for his Text2Guide
- all the ZShell users (have a look at it !)
- and to all future users of this proggie :-)
- (have I forgotten anybody ?)

Please send comments, bug reports, suggestions for future improvements
or just a "Hello !"

to my snail-mail address:

Martin Gierich
Narzissenweg 7
76297 Stutensee
Germany

or to one of my EMail-addresses:

uj3w@rz.uni-karlsruhe.de
uj3w@ibm3090.rz.uni-karlsruhe.de

I will try to reply EVERY EMail I get !

MiniXpkGuide was developped on an A500 using OS 2.1, 200 MB of Harddisk,
1 MB of Chip RAM, 2 MB of real Fast RAM, the oldish EGS-chipset and a
VGA-Monitor with Flicker-Fixer running at 70 Hz framerate using NTSC
interlaced 8-colour mode.

I have not used my DeskJet 500C printer, my A570 CDROM drive and my
Vortex ATONCE AT-emulator (the last two like to crash very often !).
Most time of writing I have listened to the SWF 3 radio station 8-)

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"Life is not good by default,
you have to configure it"
uj3w@rz.uni-karlsruhe.de (Martin Gierich)