

MakeX.xml

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Chapter 1

MakeX.ixml

1.1 MakeX utility guide - Main page

MakeX is the CLI utility for creating iX-Guide index files (those placed in XXR drawer with .x extension). Index files are built for every guide and they keep information about node positions in guide and their names so when iX-Guide wants to load some node it searches the index file for node position and its name. Index file is rebuild each time its guide is changed. Index files also contain complete guide path and its date/time of last change.

MakeX 1.0

MakeX can build the index files for all guides on your disk. You can also specify the directory where MakeX should start at and optionally give the file pattern to use.

Why should I build the index files for all guides on my disk?
The main reason is because of iX-Guide Super Search facility. When searching for given string all guides on your disk, Super Search will actually search only those guides which have index file in XXR drawer. So, if you build index files for all guides on your disk then all guides will be available to Super Search...

```
Starting MakeX
Options
Output description
MakeX is Copyright (c) 1997 by Ivan Sturlic
```

FREWARE

1.2 Starting MakeX

Starting MakeX
MakeX can be started only from CLI. If you type in

'MakeX ?' you'll get the help string with available

options

.

Here are some examples of starting MakeX:

MakeX

- Very simple. This will build the index files for all guides starting at current directory.

MakeX SYS:

- The same like above but MakeX will start at SYS: directory.

MakeX SYS: PATTERN "(#?.ixml)"

- Start at SYS: directory and build index for all files matching the given "(#?.ixml)" pattern which means all files with extension .ixml.

MakeX SYS: XXR "T:myxxr/"

- Start at SYS: directory and store created index files into T:myxxr directory.

MakeX SYS:Docs STARTDIRONLY

- Start at SYS:Docs directory and build index files only for guides in that directory. MakeX won't check the directories inside SYS:Docs if any.

NOTE:

If index file for some guide already exists and date/time of guide hasn't been changed MakeX won't build the index file.

If file matches the given pattern but it is not the database MakeX will skip that file.

If there are more guides with the same name on your disk, MakeX will append the number to the index filename. For example, if you have makex.ixml in SYS:Docs directory and makex.ixml in SYS:Docs/NewDocs directory, the index files for that guides will be makex.ixml.x and makex.ixml.x1.

1.3 Options

Options

STARTDIR

- Specify the directory where MakeX should start scanning for guides. If there are any subdirectories, MakeX will scan them too, as well as sub-subdirectories etc. unless you specify the STARTDIRONLY option.

Default: Current directory

PATTERN/K

- Specify the standard AmigaDOS file pattern which will be used for scanning only those files which match the pattern.

Default: (#?.ixml|#?.guide)

XXR/K

- Specify the directory where created index files should be stored.

Default: PROGDIR:XXR/

STARTDIRONLY/S

- If you run MakeX with this option, it will only scan the start directory. It won't scan the subdirectories of start directory.

Default: This option is OFF by default

1.4 Output description

Output description

Here is the sample output of MakeX:

MakeX 1.0 Copyright (c) 1997, Ivan Sturlic

```
Start directory... h:
Using pattern... (#?.ixml|#?.guide)
.x files destination... PROGDIR:XXR/
Start dir only... NO
```

```
Scanning directory docs <----- The name of directory being currently scanned.
> iX-Guide.ixml...not changed <----- The name of file and action taken for that  ←
file
(252678/252678) <----- Currently processed bytes/Total file size
```

```
Scan completed. Total files scanned: 705.
Files matching pattern: 4. Files processed: 0.
```

You can force the quit of program with CTRL-C but if MakeX is currently processing some guide it won't exit immediately but after it finish the processing of file.

You may also get the following error messages from MakeX:

- Can't lock start directory !
- This probably means that start directory you specified doesn't exist or couldn't be found...
- Can't lock XXR directory !
- The same like above but for XXR directory.
- Pattern string wrong !
- Pattern string you specified wasn't in the valid format. Check out the dos.library documentation for correct format of pattern string.