

XRefAPI.doc

COLLABORATORS

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REVISION HISTORY

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Chapter 1

XRefAPI.doc

1.1 XRefAPI.doc

XRef-Tools/XRefAPI

XRef-Tools/XRefAPI

\$VER: XRefAPI.doc

NAME

XRefAPI - GoldED API client for use with the xref.library to complete phrases

FUNCTION

Just run GoldED and load this as an API-Client ! Then you have the following new ARexx command :

TEMPLATE

XREFPHRASE CATEGORY/K, TYPES/K, MATCH/K, COMPLETEBEGIN/S, UPPERCASE/S, SPACE/S

FORMAT

XREFPHRASE [CATEGORY <string|pattern>] [TYPES <to search for>]
[MATCH matchmode] [COMPLETEBEGIN] [UPPERCASE] [SPACE]

FUNCTION

the XREFPHRASE command tries to complete the current phrase (before the cursor) with the entries from the xref.library. This is done by two algorithms :

- First uppercase letter match :
This means each character in the phrase must match the next uppercase letter in the name ! For example :
the phrase "ow" matches "OpenWindow()" ("O"pen"W"indow())
- Second begin match :
The entry must match the beginning of the phrase !

There is a automatic two switch between to algorithms :

- if the phrase consists only of lower case letters the uppercase letter match algorithm is used !
- if in the phrase is a uppercase letter the begin match algorithm is used !

Note the matchmode RECURSIVE uses only the begin match algorithm !

INPUTS

CATEGORY (STRING) - category string|pattern to search in

TYPES (STRING) - types, which would only match ("function","struct",
"function|struct" or so on)

MATCH (STRING) - one of the following three matchmode strings
(default is FIRST) :

FIRST - always get the first entry, which match the given phrase

RECURSIVE - much like a Tab-Completion algorithm, it search for
all entries matches the given phrase and complete it to the
last character equal to all entries ! If you pass UPPERCASE
argument the search is case-insensitive !

If you pass the phrase you passed last and cannot be more
completed, it switches to the SELECT matchmode and displays
the window !

This mode uses everytime the begin match algorithm !!!

SELECT - it searches for all entries matching the given phrase and
if more than one is found, it opens a window you can select
one !

COMPLETEBEGIN (BOOLEAN) - use the begin match algorithm instead of
uppercase letter match !

UPPERCASE (BOOLEAN) - convert the phrase to upper

SPACE (BOOLEAN) - if a name is found and inserted place a space behind

RESULTS

the command returns RC_OK, if it could complete the phrase. RC_WARN
if not !

EXAMPLE

```
'XREFPHRASE CATEGORY #?AutoDoc TYPES "function"' :
```

This command will parse all AutoDoc categories and compare the given
shortcut with any function found in the xreffiles. For example the two
letters "ow" will be completed to "OpenWindow(", if you have the
sys_autodoc.xref installed from the XRef-System package !

SEE ALSO

XRef-System.guide, GoldED/API, xref.library/ParseXRef(), ParseXRef
