Programming IBM OS/2 2.x's Enhanced Editor

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Unclassified

Overview

- Menus
- Command line
- Rexx [1]
- E
- C

Configuration via menus

- Options / Preferences
- Options / Frame Controls
- Select Options / Save options to make permanent.

Settings dialog

- Tabs [2]
- Margins
- Colors
- Paths
- Autosave
- Fonts
- Keys

Configuration via commands

- PROFILE
- LONGNAMES
- ESCAPEKEY [3]
- TABKEY
- Select Options / Save options to make permanent.

Configuration via Rexx

- Profile - automatically run
- RX command - execute a Rexx macro at any time
- UNIVERSAL command - change universal variables used by the macros [4]
- Samples include
  - Adding menus
  - Defining accelerator keys

Configuration via E

- MYCNF.E - no programming needed!
- Rexx-like - if it's not a statement, it's executed as a command.
  - use *call* to avoid unwanted function side-effects
- *defc* defines commands
- *defproc* defines subroutines
- *def* defines keys

[**5**]

Events

definit   executed when .ex file is first called; can chain
defmain executed after definit; passed command-line arguments.
          Only one allowed; use mymain.e for additions to EPM's
          DEFMAIN.
defexit   executed when .ex file unlinked (or after last file is quit, for
          epm.ex); can chain
defload   executed when a new file is loaded, or when name changed
defselect executed when a different file is made active
defmodify executed when .modify goes from 0 to 1, 1 to 0, or hits
          .autosave value

[**6**]

defload, defselect, and defmodify can chain within a .ex file, but will
not chain across .ex files. Linking in a .ex file that defines any of these
will block the corresponding event in the base .ex file.

Hooks

To avoid modifying standard commands, user exits are supported. Set
SUPPORT_USER_EXITS in MYCNF.E to enable the following. Each will
only be called if the corresponding DEFPROC has been defined.

defmain_exit   called just before executing the passed command line
                 in MAIN.E. Command line passed as a VAR
                 parameter, so can be modified by routine.
rename_exit   called when a file is renamed; passed old and new
                 names.
quit_exit   called when a file is quit; passed filename. (Called
                 before file is quit, to ensure execution.)
presave_exit   called when a file is saved, before the save; passed
                 name, options, and a "Save as" flag.
postsave_exit called when a file is saved, after the save; passed
                 name, options, a "Save as" flag, and the return code
                 from the save.

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Configuration via C

- Dynalink routine
- E Toolkit support

[**8**]

Packages

EPMBBS

- Latest version of EPM
- Macro compiler & source for all macros used to build shipped .ex files
- Online user's guide & macro programmer's technical reference
- PMMORE - program for debugging EPM Rexx macros
- Sample E macro code - some useful as-is; some building-blocks.
- Sample Rexx macro code
- Add-on packages
  LAMPDQ   Execute commands on VM host & see output in EPM
  EBOOKIE   Bookmaster, GML and IPF support code
  EPMASSIST Alternative approach to syntax-assist; easily add your own expansions

[**9**]

ETKBBS

Sample C source to:

- Create an E frame in a window
- Create an E-MLE in a dialog
- Call a (modal or non-modal) dialog from EPM

Package availability

- IBM OS/2 BBS's
- Compuserve
- anonymous FTP from software.watson.IBM.com (et al.)

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