Subject: IDLWAVE editing modes for GNU Emacs
Posted by Carsten Dominik on Thu, 29 Apr 1999 07:00:00 GMT
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Subject: IDLWAVE - editing mode for GNU Emacs

I am releasing IDLWAVE, the GNU Emacs modes for Editing IDL files and
running IDL as an inferior shell.

These modes are directly derived from idl.el and idl-shell.el by Chris
Chase. The files, functions and variables had to be renamed in order
to evade a name clash with another (completely unrelated) "idl-mode"
defined in cc-mode.el, a file distributed with Emacs 20 and XEmacs 20.
The new modes use `idlwave' instead of `idl' as their prefix. This
name changes means that in order to upgrade, the corresponding stuff
in .emacs will have to be updated. The README and INSTALL files of
the distribution explain this in detail.

I have used the opportunity to make significant changes to the code,
both cleaning up and adding features. See below for a list of
changes. Is is not impossible that a bug or two have been introduced
in the process. If you have problems with IDLWAVE, let me know so
that the problems can be fixed.

IDLWAVE is available at

    http://strw.leidenuniv.nl/~dominik/Tools/idlwave/

Please send comments, suggestions, and bug reports to the new maintainer

    Carsten Dominik <dominik@strw.leidenuniv.nl>

Thanks to Kevin Ivory <Kevin.Ivory@linmpi.mpg.de> for hosting the
modes on his web page while they had no maintainer.

Recent changes to idlwave-mode
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    - Renamed the mode to evade a name conflict with another IDL mode
      distributed in the Emacs cc-mode.el file. The "other" IDL mode
      is for the Interface Definition Language of CORBA, completely
      unrelated to the Interactive Data Language supported by IDLWAVE.

    - Version number increased to 3.0 in order to synchronize
      idlwave.el and idlwave-shell.el. Both files are closely related
      and will from now on be distributed together.

- Customize support added.

- Menu reorganized and extended.

- Support for both Imenu (Emacs) and func-menu (XEmacs).

- Multilevel font-locking, depending upon the value of
  font-lock-maximum-decoration.

- Documentation string shortened and rewritten. It should now
  introduce quickly to the main features of the mode. Additional
  information about how to customize the mode was moved to the
  file commentary, which is accessible from the menu.

- New functions to go to the begin and end of the current block,
  bound to `C-c {' and `C-c }'.

- The type of END at the end of a block is checked. You can set
  the mode up to expand any generic END statements to the specific
  ENDIF, ENDELSE, ENDREP etc. There is also a command to close
  the current block `C-c]'.

- No longer supported: hilit19.el, Emacs 18, and an ancient
  version of imenu.el.

Recent changes to idlwave-shell-mode
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- Renamed all functions and variables, for consistency with
  idlwave.el.

- Version number increased to 3.0.

- Rewrote Parser for IDL error messages in order to be more robust
  for IDL5. Parsing IDL5 error messages is now the default.

- To get a dedicated frame for the IDL shell, set the variable
  idlwave-shell-use-dedicated-frame or give a prefix arg to
  idlwave-shell.

- Showing the stop line uses an highlight overlay now also on
  XEmacs.

- Breakpoints are indicated in the source file with a glyph or a
  special face.

- Debugging Toolbar (XEmacs only).

- IDLWAVE no longer visits files twice under different names.

- Menu reorganized and extended. More debugging commands added.

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