
Subject: IDLWAVE editing modes for GNU Emacs
Posted by [Carsten Dominik](#) on Thu, 29 Apr 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

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. It 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`

=====

- 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 ENDF, 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

=====

- 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.

--

Carsten Dominik <dominik@strw.LeidenUniv.nl> _ /
 Sterrewacht, P.O. Box 9513 |X| _
 NL-2300 RA Leiden (The Netherlands) /| _ _ _/\
 phone +31 (71) 527-5812; FAX +31 (71) 527-5819 ___|o|___/ ~~ ___/ ~~~~~

Subject: Re: IDLWAVE editing modes for GNU Emacs
 Posted by [luthi](#) on Sun, 02 May 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Carsten

Thank you very much for this release of the IDLWAVE-mode. I worked with it for several days now and it is really very convenient to use. Also the customization and the help is intuitive and well implemented.

Cheers

Martin

--

=====

Martin Luethi Tel. +41 1 632 40 92
 Glaciology Section Fax. +41 1 632 11 92
 VAW ETH Zuerich
 CH-8092 Zuerich mail luthi@vaw.baum.ethz.ch
 Switzerland

=====