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Subject: Is there an emacs mode??

Posted by [phil](#) on Mon, 24 Apr 1995 07:00:00 GMT

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I was wondering if anyone out there had an emacs mode for writing IDL .pro files.

```
/******  
Phil Williams  
Postdoctoral Researcher          "One man gathers what  
MRI Facility                    another man spills..."  
The Ohio State University        -The Grateful Dead  
email: phil@peace.med.ohio-state.edu  
URL: http://justice.med.ohio-state.edu:1525  
/******
```

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Subject: Re: Is there an emacs mode??

Posted by [patterso](#) on Wed, 03 May 1995 07:00:00 GMT

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Does anybody also know of a "hilite" setup for IDL in Emacs - one that will show my wonderful program in pretty colours?

This is pretty useful for at times for tracking down where loops start and end, etc. more easily (at least I find so when using in for C and FORTRAN code).

Thanks

Tim

Chris Chase S1A (chase@pickett.jhuapl.edu) wrote:

: >>>> "Fergus" == Fergus Gallagher <F.Gallagher@nerc.ac.uk> writes:

: Fergus> anton@mola.gps.caltech.edu (Anton Ivanov) wrote:

: >> Yes, there is.

: >> It's located at ftp://fermi.jhuapl.edu/pub/idl .

: >> I'd say that you can find out many useful things there.

: >> Anton

: Fergus> I tried to find this - no luck. Are you sure it's there?

: Actually, the directory is idl\_emacs.

: Specifically, use anonymous FTP to fermi.jhuapl.edu, cd to idl\_emacs,

: and you will find the files idl-shell.el and idl.el in that directory.

: Or via the WEB:

: ftp://fermi.jhuapl.edu/pub/idl\_emacs

: Chris

: P.S. idl-shell.el is at version 1.20 and idl.el is at version 1.17.

: --

: =====

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: chris.chase@jhuapl.edu

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Subject: Re: Is there an emacs mode??

Posted by [chase](#) on Wed, 03 May 1995 07:00:00 GMT

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Fergus> anton@mola.gps.caltech.edu (Anton Ivanov) wrote:

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Subject: Re: Is there an emacs mode??  
Posted by [Fergus Gallagher](#) on Wed, 03 May 1995 07:00:00 GMT  
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anton@mola.gps.caltech.edu (Anton Ivanov) wrote:  
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I tried to find this - no luck. Are you sure it's there?

Fergus

```
=====
| Fergus Gallagher           |
| Remote Sensing Applications Development Unit |
| British National Space Centre           |
| Monks Wood                         |
| Huntingdon PE17 2LS / UK           |
|                                     |
| F.Gallagher@nerc.ac.uk           |
| http://uh.nmt.ac.uk/bnsc/fgg.html |
=====
```

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Subject: Re: Is there an emacs mode??  
Posted by [davis](#) on Fri, 05 May 1995 07:00:00 GMT  
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The latest version of JED (emacs-like editor) is now able to do color syntax highlighting in its idl mode. It happens automatically when .pro files are loaded. Below, I have appended `idl.sl' which sets up the syntax highlighting. You can get the latest version of JED from space.mit.edu:/pub/davis/jed. The latest version is 0.97-7.

```
----- idl.sl -----
% idl mode color syntax highlighting. Requires 0.97-6 or later

create_syntax_table ("IDL");
```

```

define_syntax (";", "", '%', "IDL");
define_syntax ("({", "})", '(', "IDL");
define_syntax ("'", "'", "IDL");
define_syntax ("\\", '\\', "IDL");
define_syntax ("\\", '\\', "IDL");
define_syntax ("0-9a-zA-Z_", 'w', "IDL");      % words
define_syntax ("-+0-9a-fA-F.xXL", '0', "IDL"); % Numbers
define_syntax (",.?:", ',', "IDL");
define_syntax ("%~+/*=<>|!~^", '+', "IDL");
define_syntax ('@', '#', "IDL");

set_syntax_flags ("IDL", 1);      % case insensitive

% These are IDL reserved words
() = define_keywords ("IDL", "doeqgegtifeltneofor", 2);
() = define_keywords ("IDL", "andendformodnotproxor", 3);
() = define_keywords ("IDL", "caseelsegotother", 4);
() = define_keywords ("IDL", "beginendifuntilwhile", 5);
() = define_keywords ("IDL", "commonendforendrependwhirepeatreturn", 6);
() = define_keywords ("IDL", "endcaseendelse", 7);
() = define_keywords ("IDL", "endwhilefunctionon_error", 8);
() = define_keywords ("IDL", "ennrepeat", 9);
() = define_keywords ("IDL", "on_ioerror", 10);

define idl_mode ()
{
  variable idl = "IDL";
  setmode (idl, 0);
  use_syntax_table (idl);
  runhooks ("idl_mode_hook");
  % This is called after the hook to give the hook a chance to load the
  % abbrev table.
  if (abbrev_table_p (idl)) use_abbrev_table (idl);
}

```

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Subject: Re: Is there an emacs mode??

Posted by [chase](#) on Fri, 05 May 1995 07:00:00 GMT

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>>>> > "Tim" == Tim Patterson <patterso@astrosun.tn.cornell.edu> writes:  
 In article <3o8atn\$2qr@newsstand.cit.cornell.edu> patterso@astrosun.tn.cornell.edu (Tim  
 Patterson) writes:

Tim> Does anybody also know of a "hilite" setup for IDL in Emacs - one  
 Tim> that will show my wonderful program in pretty colours?

Here are the hilit patterns used by idl.el:

```
(defvar idl-hilit-patterns
  '(("\\s ;.*" nil comment)
    ("^;.*" nil comment)
    ("\"[^\n]*\"" nil string)
    ("\"[^\n]*\"" nil string)
    ("\\< \\(and\\|begin\\|case\\|common\\|do\\|else\\|end\\|endcase\\|
endelse\\|endfor\\|endif\\|endrep\\|endwhile\\|eq\\|for\\|f
unction\\|ge\\|goto\\|gt\\|if\\|le\\|lt\\|mod\\|ne\\|not\\|o
f\\|on_ioerror\\|or\\|pro\\|repeat\\|return\\|then\\|until\\|while\\|xor\\)\\ >" nil keyword)
  )
  "List of patterns and associated font faces for hilit.el.
  See hilit19.el for documentation. ")
```

The following code sets the above patterns for idl-mode buffers:

```
(if (featurep 'hilit19)
    (hilit-set-mode-patterns 'idl-mode idl-hilit-patterns nil t))
```

Change 'idl-mode' in the above to whatever mode you use for editing IDL ".pro" files. You would probably place the above in your .emacs file.

Chris

--

```
=====
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chris.chase@jhuapl.edu
```

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