
Subject: IDLWAVE Mac OS X
Posted by [jgc](#) on Wed, 12 Jul 2006 08:00:52 GMT
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Hi there,

(This is a question for a non-computer expert. I am sorry but if you are an expert, I believe your good intentions, but you will shower me with a megaton of computer bablespeak that I will be unable to understand, even if I ca read Sanskrit backwards)

Has any of you idlwave running smoothly on a Mac OS X?

Idlde in X11 deserves the price of MrMs universe ugliest and greyest, so I am trying idlwave.

I get emacs to recognise idl .pro files, and it attempt to show the idl toolbars, but then, everything dissapear, when I invoke the idl shell (or C-c C-s) two terminals open up separately, no inside buffer on emacs. I wonder if you will be willing to share some hints on the instruccions in your .emacs file, how many .emacs and .profiles and where (where by default, I know that you can customise everything).

It looks to me that macs are rather pseudo-unix, and idl for macs does not run with `./../bin/idl` but rather with `/applications/rsi/idl_6.2/idl.app`, which seems to be in rather bad terms with emacs

Many many thanks in advance for your answer, and many thanks to the cube if it is in plain English.

Javier

Subject: Re: IDLWAVE Mac OS X
Posted by [Kenneth P. Bowman](#) on Wed, 12 Jul 2006 22:32:04 GMT
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In article <1152691252.300619.232820@s13g2000cwa.googlegroups.com>, "jgc" <javier_corripio@yahoo.fr> wrote:

> Hi there,
>
> (This is a question for a non-computer expert. I am sorry but if you
> are an expert, I believe your good intentions, but you will shower me
> with a megaton of computer bablespeak that I will be unable to
> understand, even if I ca read Sanskrit backwards)

I qualify. :-)

A simple option is to run from the command line.

I prefer Terminal to xterm; and there are good point-and-click text editors, such as TextWrangler (which is free from barebones.com).

Once you get that working, you can consider learning emacs.

Ken Bowman

Subject: Re: IDLWAVE Mac OS X
Posted by [wallabadah](#) on Thu, 13 Jul 2006 02:43:36 GMT
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I second the notion that IDLDE on X is abysmal. Not much better on the PC though...

On the subject of TextWrangler - it's also possible to use syntax highlighting, which can be a big help. Another text editor worth mentioning is SubEthaEdit (version 2.2 is still available free for non-commercial use, newer versions are now shareware), which also does syntax highlighting, and code-completion as an added bonus. Both can be invoked from the command line, so you can be in an IDL session in the terminal and edit some code with "\$edit myCode.pro" or "see myCode.pro", depending on which one you're using.

All we need now is IDL native on MacIntel...

Will Powell.

Subject: Re: IDLWAVE Mac OS X
Posted by [William Daffer](#) on Thu, 13 Jul 2006 02:55:54 GMT
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"jgc" <javier_corripio@yahoo.fr> writes:

[snip]

- > It looks to me that macs are rather pseudo-unix, and idl for macs does
- > not run with ../../bin/idl
- > but rather with /applications/rsi/idl_6.2/idl.app, which seems to be in
- > rather bad terms with emacs

Which IDL are you using?

On my iBook it's

whd% which idl

idl: aliased to /Applications/rsi/idl_6.1/bin/idl

Maybe you need to set your path so that it sees
/Applications/rsi/idl/bin/idl

You might have to

source /Applications/rsi/idl_6.1/bin/idl_setup

-- or --

. /Applications/rsi/idl_6.1/bin/idl_setup.{bash,ksh} (for {bash,ksh} users)

to get the path/aliases right.

whd

--

POLICE, n. An armed force for protection and participation.

-- Ambrose Bierce: _The Devil's Dictionary_

Subject: Re: IDLWAVE Mac OS X

Posted by [Edd Edmondson](#) on Thu, 13 Jul 2006 07:58:53 GMT

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jgc <javier_corripio@yahoo.fr> wrote:

> I must also admit with embarrassment that I linked to idl.app and not
> to /bin/idl but the confusion is in part due to that schizophrenic
> dichotomy between the Darwin terminal and the x11 terminal. /bin/idl
> works fine in the latter but is unknown in the former. I learnt my
> little unix on an old sun solaris, which wasn't that fussy.

Probably related to one providing login shells and the other not. I
may have this the wrong way round but it sounds like you have paths
being set in .profile, which doesn't get read by xterms. Try putting
them in .bashrc or similar.

Or do what most people seem to do and just ignore the Terminal :-)

--

Edd

Subject: Re: IDLWAVE Mac OS X
Posted by [Kenneth P. Bowman](#) on Thu, 13 Jul 2006 14:47:09 GMT
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In article <1152758616.309618.91380@35g2000cwc.googlegroups.com>, wallabadah@hotmail.com wrote:

> On the subject of TextWrangler - it's also possible to use syntax
> highlighting, which can be a big help.

Is there an IDL plug-in for TextWrangler/BBEdit? I have never been able to find one. They provide a software development kit for creating such things, but I don't know all (any?) of the technical bits required to make one.

Ken Bowman

Subject: Re: IDLWAVE Mac OS X
Posted by [wallabadah](#) on Mon, 17 Jul 2006 01:58:30 GMT
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Kenneth P. Bowman wrote:

> In article <1152758616.309618.91380@35g2000cwc.googlegroups.com>,
> wallabadah@hotmail.com wrote:
>
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>
> Ken Bowman

TextWrangler/BBEdit use 'codeless' text modules, which are XML files containing the specs for a given language. No SDK or compiling required. They're documented in Appendix-C of the TextWrangler manual.

I've got a working version I can post here if people want - the only thing that doesn't work is 'function definitions', probably because all those begins and ends get a bit confusing (ie. 'end' is used in several ways, not just to end a procedure/function).

SubEthaEdit (SEE) uses different terminology for their 'Language Modes', although they're still defined in a set of XML files. SEE is a bit more flexible in that it allows you to define different types of

keywords, with different highlighting - eg. System Procedures, System Procedures, Library Procedures, Library Functions, etc. TextWrangler just recognises a single type of keyword and only one style of highlighting. However, for some reason I can't recall right now, I never liked SEE much, and preferred TextWrangler.

I have working versions of the language modules for both programs, although they're probably not 100% up to date. Let me know if you want them, and I'll work out how to post them to the list...

Will Powell

Subject: Re: IDLWAVE Mac OS X
Posted by [btt](#) on Mon, 17 Jul 2006 12:49:36 GMT
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wallabadah@hotmail.com wrote:

> Kenneth P. Bowman wrote:

>> In article <1152758616.309618.91380@35g2000cwc.googlegroups.com>,

>> wallabadah@hotmail.com wrote:

>>

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> although they're probably not 100% up to date. Let me know if you want
> them, and I'll work out how to post them to the list...
>
> Will Powell
>

Hello,

I never could get my fingers to work the emacs shortcuts and I haven't used TextWrangler at all. However, I use SubEthaEdit for all my coding (not just IDL). It handles regex-y string handling for search and replace, block editing, syntax highlighting, colored printing, etc. Larry van Peursem, formerly of RSI, wrote the language mode for IDL, although it maybe getting a bit dated now. Recent versions of SubEthaEdit have greatly improved speediness. The most recent version has introduced a compile-and-run option which runs an AppleScript that invokes the compiler for java, perl, etc. I haven't figured out how to make it do the same with IDL yet.

As Will points out, it comes with a command line which I have wrapped inside with a SPAWN command from IDL...

IDL> see, "arrow"

and, pop!, "arrow.pro" is opened. I have one for objects, too,

IDL> osee, "myobject"

which will add the "__define.pro" for the lazy types like me.

One thing I would wish for SubEthaEdit is to have optional tabbed windows.

It is worth a test drive. <http://www.subethaedit.net/>

Ben

Subject: Re: IDLWAVE Mac OS X
Posted by [Kenneth P. Bowman](#) on Mon, 17 Jul 2006 15:00:51 GMT
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In article <1153101510.116804.56860@p79g2000cwp.googlegroups.com>, wallabadah@hotmail.com wrote:

> TextWrangler/BBEdit use 'codeless' text modules, which are XML files
> containing the specs for a given language. No SDK or compiling

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> thing that doesn't work is 'function definitions', probably because all
> those begins and ends get a bit confusing (ie. 'end' is used in several
> ways, not just to end a procedure/function).

If you can post it here or e-mail it to me (k-bowman at tamu.edu), I
would be happy to make it available on my IDL web page (idl.tamu.edu).

Thanks, Ken
