
Subject: idlde: Linux vs. Windows

Posted by [odell](#) on Tue, 09 Sep 2003 23:04:03 GMT

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I have just switched jobs, and in the process have been forced to migrate from Windows to Linux. I have a lot of programming in the windows IDLDE and really love it. Color coding, lots of preferences available (like getting the silly project manager off the desktop), etc. I see (in previous threads) that there are some weird technical reasons why idlde in Linux totally bites.

So tell me, what is an idl programmer in linux to do? What do you guys do (I'm thinking of Craig Marquardt, Liam Gumley, David Fanning, etc)? All use emacs plus the simple idl command line interface? Or something else?

I realize I am new to programming IDL under linux, so I am figuring people out there have come up with a nice system (equal in functionality to the windows idlde i hope!) for linux idl programming/debugging/running. Just curious what it is.

BTW, i am now running Linux RedHat 9 with IDL 6.0.

Cheers,
Chris O'Dell

Subject: Re: idlde: Linux vs. Windows

Posted by [Liam Gumley](#) on Wed, 10 Sep 2003 14:15:19 GMT

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"Chris ODell" <odell@aos.wisc.edu> wrote in message
news:2fafbdc3.0309091504.88fa86e@posting.google.com...

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> migrate from Windows to Linux. I have a lot of programming in the
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For me on UNIX, it's nedit in one window, and the IDL command line in another window:

<http://www.nedit.org/features.shtml/>

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>

Subject: Re: idlde: Linux vs. Windows

Posted by [mike.walker](#) on Thu, 11 Sep 2003 20:17:33 GMT

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> Cheers,

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Exactly what I do.. nedit provides the syntax highlighting I like without extra fluff from emacs that I never use. But then, I never got used to emacs. Tried it a few times, never got hooked like so many others :)

-Mike Walker

Subject: Re: idlde: Linux vs. Windows

Posted by [odell](#) on Mon, 15 Sep 2003 15:45:44 GMT

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So, after failing to get IDLWAVE going, I switched back to windows 2000.

(i know i know). It is working so far, but I'm intrigued by the idea of nedit plus a command line...I may try that if i get forced back to linux.

Personally, i enjoy the feature of seeing all the in-memory variables in their own little window in the IDLDE. the above would lose that

nice aspect.

Geez, though, you'd think RSI would get on the ball a little and write a decent de. I know there have been many other threads on this, but just thought I'd let you all know that I wrote them and told them my feelings, and the correspondent guy said he would "pass my comments along to the relevant people". I remain skeptical :)

Chris O'Dell
UW-Madison AOS Department

mike.walker@iname.com (Michael Walker) wrote in message
news:<e911e675.0309111217.19d3bee6@posting.google.com>...
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> -Mike Walker

Subject: Re: idlde: Linux vs. Windows
Posted by [JD Smith](#) on Mon, 15 Sep 2003 18:57:11 GMT
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On Mon, 15 Sep 2003 08:45:44 -0700, Chris ODell wrote:

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> thought I'd let you all know that I wrote them and told them my
> feelings, and the corresponder guy said he would "pass my comments along
> to the relevant people". I remain skeptical :)
>
>

Not sure you gave IDLWAVE a fair shot. If you describe the problems you were having in detail, we could offer a solution. Then again, maybe you were looking for a reason to switch back... ;).

Regarding variable examination, IDLWAVE has a host of much more powerful examine commands than the DE (though, admittedly, none as obvious as the variables watch window). You can shift-middle-click on anything (variable, expression, function evaluation, or even random regions you drag out) to print it, and C-S-middle click it to popup a configurable list of examine commands (e.g. structure help, widget info, etc.). You're not limited to variables in the present scope, but can examine function returns, intermediate calculation products, etc. You can even examine variables further up the calling stack! A few examples of types of custom examine commands you might see: print widget uvalues, invoke the 'Print' method of objects, print mean/median/stddev statistics of arrays & vectors... really any inspection commands you might commonly find yourself typing at the command line.

JD

Subject: Re: idlde: Linux vs. Windows

Posted by [IzzieDee2000](#) on Thu, 25 Sep 2003 10:26:37 GMT

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odell@aos.wisc.edu (Chris ODell) wrote in message
news:<2fafbdc3.0309091504.88fa86e@posting.google.com>...

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> BTW, i am now running Linux RedHat 9 with IDL 6.0.

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> Cheers,

> Chris O'Dell

Hi Chris,

This is a little late, but I have IDL5.6 idlde running on Linux (SuSE).

I do not like it because the editor window is too small and i prefer emacs

(IDLWAVE came automatically with my SuSe package (8.2). I agree that the nice things about idlde are the information windows. I have not used the Windows version yet and do not know if it is the same.

print,!version gives:

IDL Version 5.6 (linux x86 m32). (c) 2002, Research Systems, Inc.

Rose
