
Subject: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Paul Van Delst\[1\]](#) on Tue, 11 Jun 2013 20:27:27 GMT

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Hello,

I guess this mostly a question for the Exelis folks who read this ng...

I just started using the kate editor and while I was pleasantly surprised there was an existing RSI-IDL syntax definition file it was for v5.x of IDL. I want to upgrade the syntax defn file.

So, my question: Is there an easy way to obtain a current list of the v8.2.x IDL functions/procedures/keywords? E.g. some magic, undocumented IDL command? Or on the Exelis website perhaps?

If there is not, is this something that Exelis would consider publishing in the future?

ccheers,

paulv

Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Michael Galloy](#) on Wed, 12 Jun 2013 01:22:01 GMT

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Paul van Delst <paul.vandelst@noaa.gov> wrote:

> Hello,

>

> I guess this mostly a question for the Exelis folks who read this ng...

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> I just started using the kate editor and while I was pleasantly surprised

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> IDL command? Or on the Exelis website perhaps?

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> If there is not, is this something that Exelis would consider publishing in the future?

>

> ccheers,

>

> paulv

I have some scripts that parse the online help to give a list of routine names.

Mike

--

www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [wlandsman](#) on Wed, 12 Jun 2013 01:59:26 GMT

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```
;list of procedure names  
IDL> print,routine_info(/system)
```

```
;list of function names  
IDL> print,routine_info(/system,/func)
```

These won't list the procedures/functions stored as dlm's, e.g.

```
IDL> help,/dlm
```

I'm not sure how to get the names of the procedure/functions stored in the DLMs.

--Wayne

On Tuesday, June 11, 2013 4:27:27 PM UTC-4, Paul van Delst wrote:

```
> Hello,  
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>  
> I guess this mostly a question for the Exelis folks who read this ng...  
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Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Fabzi](#) on Wed, 12 Jun 2013 09:34:42 GMT

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On 06/11/2013 10:27 PM, Paul van Delst wrote:

> I just started using the kate editor

I am sorry to ask this, but what are the reasons for not using eclipse
or what are the reasons to use something else than eclipse?

I think I can understand that the emacs/vi fans out here can't get along
without their shortcuts. But what is so great in the Kate editor for
example that could justify spending the time to define a new syntax
description file?

I'm not opening any troll here: I really want to know if I am missing
something important (because I like Eclipse, I learned programming with
Eclipse)

Thanks!

Fab

Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Lajos Foldy](#) on Wed, 12 Jun 2013 09:47:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Tuesday, June 11, 2013 10:27:27 PM UTC+2, Paul van Delst wrote:

> Hello,
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>
> I guess this mostly a question for the Exelis folks who read this ng...
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>
> ccheers,
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> paulv

If XML data mining is acceptable:

/usr/local/exelis/idl82/help/idl_catalog.xml

regards,
Lajos

Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Andy Sayer](#) on Wed, 12 Jun 2013 13:37:16 GMT

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Fabien:

The text editor I use to code on Windows(ConText) has, similarly, a fairly outdated IDL highlighter. Turning your question around, what is it about Eclipse that means I would want to use it instead? I went on the Eclipse website but was a bit overwhelmed by the large number of links/projects there (did not know where to start looking). I had not heard of Eclipse until you mentioned it.

(Basically all I want is a text editor with a syntax highlighter and ideally the ability to save to a network drive. On my Mac I use TextWrangler, but there is no Windows version of that.)

Thanks,

Andy

On Wednesday, June 12, 2013 5:34:42 AM UTC-4, Fabien wrote:

> On 06/11/2013 10:27 PM, Paul van Delst wrote:

>

>> I just started using the kate editor

>

>

>

> I am sorry to ask this, but what are the reasons for not using eclipse

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> or what are the reasons to use something else than eclipse?

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> Thanks!
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> Fab

Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Fabzi](#) on Wed, 12 Jun 2013 13:53:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Andy,

On 06/12/2013 03:37 PM, AMS wrote:

> what is it about Eclipse that means I would want to use it instead?

Sure, it's a valid question.

The first argument that comes to mind is that IDL (since V7) is using eclipse as out-of-the-box workbench. That means that (at least) a few people are thinking about how to integrate best the IDL features into the workbench (I hope so;-)).

Second, Eclipse is Open Source and has been developed and used for many many other languages, so it is well known and still an active project. It is organized in "views" and "projects" and supports SVN (usually very easily but with IDL it is sometimes a pain :())

Third, (this is where your own habits or tastes comes into the game), it has cool features and shortcuts. I like how fast I can navigate in the code using CTRL+F3 for example, I like auto-completion (CTRL+Space), I like the auto-indenting (CTRL+SHIFT+F), and many other small things. What Eclipse doesn't have is Emacs-Style programming (not to my knowledge, but possibly someone made something similar happen in eclipse too)

The third point is where other people might find it faster to use another editor... But I always wonder why, so I am asking ;-)

Cheers,

Fab

Subject: Re: function/procedure/keyword list for use in creating an editor syntax

description

Posted by [Andy Sayer](#) on Wed, 12 Jun 2013 14:02:04 GMT

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Hi Fabien,

Thanks for the info; auto-indent and so on are nice features. So maybe I should swap to that on the Windows machine.

But which download from these fourteen is the basic text editor I'd want to use?

<http://www.eclipse.org/downloads/> And is the IDL highlighter included?

I thought maybe this one, although the page doesn't explain too much what is there:

<http://www.eclipse.org/downloads/packages/eclipse-classic-42-2/junosr2>

(Note I don't use Workbench or anything, I compile/run from command line, and also only code in IDL/Fortran/C so don't need bells and whistles or things for other languages.)

Thanks (and sorry for the threadjacking),

Andy

On Wednesday, June 12, 2013 9:53:13 AM UTC-4, Fabien wrote:

> Hi Andy,

>

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>

> On 06/12/2013 03:37 PM, AMS wrote:

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>> what is it about Eclipse that means I would want to use it instead?

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> Cheers,
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Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Matt Haffner](#) on Wed, 12 Jun 2013 22:34:38 GMT

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You don't have to download a version from the Eclipse website. They switched the "Workbench" to Eclipse in v7. Just run the IDLDE application and you'll be using Eclipse with the IDL extensions. It's specifically customized for IDL coding/debugging.

If you get interested in using Eclipse for other coding, I'd recommend downloading the Eclipse for C developers and add language modules as needed. It's a version or so ahead of the Eclipse

used for IDL.

- Matt

On Wednesday, June 12, 2013 9:02:04 AM UTC-5, AMS wrote:

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> (Note I don't use Workbench or anything, I compile/run from command line, and also only code in IDL/Fortran/C so don't need bells and whistles or things for other languages.)

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> Thanks (and sorry for the threadjacking),

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> Andy

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Subject: Re: function/procedure/keyword list for use in creating an editor syntax description

Posted by [Andy Sayer](#) on Thu, 13 Jun 2013 13:06:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

Thanks for the suggestion; I don't use the Workbench/IDLDE for any coding though. I use a text editor and then run code via command line.

(I'm typically running code on multiple remote machines using different OSs and find it easier to open terminals and do it that way, than use IDLDE. Of course last time I used IDLDE was version 6 or something so it may be different now.)

On Wednesday, June 12, 2013 6:34:38 PM UTC-4, Matt Haffner wrote:

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