
Subject: Re: [ANN] MIDDLE - Almost an Alternative to EXECUTE

Posted by [SonicKenking](#) on Wed, 30 Jul 2014 06:35:47 GMT

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On Wednesday, July 30, 2014 6:31:10 AM UTC+10, superchromix wrote:

> I'm still trying to understand how and why to use this tool.

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>

> Could MIDDLE be used as... an IDL console implemented within an IDL program?

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>

> Otherwise, could you please explain what was your motivation for creating this project?

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>

>

> thanks!

>

> Mark

Hi Mark,

The original motivation of MIDDLE came from the desire to use a script containing a list of IDL assignments as a configuration file of an application that runs in IDL VM. As EXECUTE cannot be used in VM, MIDDLE is developed to parse the configuration file.

It is like if you use XML for configuration file, you need a XML parser. Similarly, if you use IDL statements for configuration file, you need an IDL parser and this is where MIDDLE comes in.

Though it was not the intention of MIDDLE, I guess it is possible to use it as a mini console (a pared down version of IDL) in a GUI application for some interactive data analysis. It could be useful as it exposes some underlying IDL powers to end-users who do not own IDL licenses.

Cheers,
Yang
