
Subject: MATLAB to IDL Conversion

Posted by [mikejohnryan08](#) on Tue, 08 Apr 2014 20:13:37 GMT

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I was wondering, is there a simple way to convert a code from MATLAB to IDL? I am trying to run a previously written MATLAB script to create a 3d anaglyph from two images in FreeMat, but it is very slow. I've recently received a temporary license for IDL 8.3, which I would love to replicate this code in, as I believe both languages are capable of doing this.

But since I am still very unfamiliar with IDL I am having difficulty doing so. Any advice/help for converting this would be fantastic!

Subject: Re: MATLAB to IDL Conversion

Posted by [chris_torrence@NOSPAM](#) on Tue, 08 Apr 2014 23:59:56 GMT

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On Tuesday, April 8, 2014 2:13:37 PM UTC-6, mikejoh...@gmail.com wrote:

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> But since I am still very unfamiliar with IDL I am having difficulty doing so. Any advice/help for converting this would be fantastic!

Well, you could download the following tool, and reverse engineer it:

<http://sourceforge.net/projects/idl2matlab/>

I don't understand why they chose IDL -> Matlab, as *clearly* you would always want to go the other direction, just as you propose.

Your main things to watch out for are the "backwards" arrays in Matlab - they use row-major ordering instead of IDL's column-major. Some google searches will help you out here.

Good luck!

-Chris

Subject: Re: MATLAB to IDL Conversion

Posted by [Bill Nel](#) on Wed, 09 Apr 2014 13:38:55 GMT

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On Tuesday, April 8, 2014 7:59:56 PM UTC-4, Chris Torrence wrote:

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> -Chris

Matlab is 1-indexed, too -- IDL uses 0-based indexing for arrays.

Subject: Re: MATLAB to IDL Conversion
Posted by [Sahar Dehnavi](#) on Fri, 01 Sep 2017 16:47:06 GMT
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On Wednesday, April 9, 2014 at 1:59:56 AM UTC+2, Chris Torrence wrote:
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> Good luck!

> -Chris

Hi all,

I have downloaded and installed the matlab2IDL from the sourceforge however, I have a problem that I do not know how can I use the toolbox to convert my idl codes into matlab .m-files.

I would appreciate any help that you can provide.

All the best,

Sahar
