
Subject: Re: Using openCV in IDL

Posted by chris_torrence@NOSPAM on Thu, 30 Jan 2014 22:27:10 GMT

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On Thursday, January 30, 2014 8:48:13 AM UTC-7, grace....@gmail.com wrote:

> Hi Everyone,

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> I am a graduate student and my supervisor has asked me to find a way to use some of the openCV libraries in IDL. I am (relatively) new to IDL and I don't know where to begin. I was wondering if there was someone who had already solved this problem or can help me to solve it.

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> Thank you in advance!

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> Grace

Hi Grace,

I don't know if anyone has tried to use OpenCV within IDL. But, since it has a C interface, it should be "relatively" straightforward to write some C-code wrappers for IDL, and bundle them up into a DLM (dynamically loadable module). I would suggest looking at the CALL_EXTERNAL and MAKE_DLL routines in IDL. If you're really lucky, you might be able to use the AUTO_GLUE keyword to CALL_EXTERNAL, and then you wouldn't even need to write the wrappers. It depends upon how complex the API is for OpenCV.

Reference guide for call_external and make_dll:

http://www.exelisvis.com/docs/CALL_EXTERNAL.html

http://www.exelisvis.com/docs/MAKE_DLL.html

IDL External Development Guide (hopefully you won't need this!):

<http://www.exelisvis.com/docs/EDG.html>

Hope this helps.

Cheers,

Chris

ExelisVIS
