
Subject: Re: Calling C routines

Posted by [kak](#) on Wed, 12 Feb 1997 08:00:00 GMT

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In article <32F8B9B5.2B02@u.arizona.edu>, Robert Gappinger
<gappingr@u.arizona.edu> writes:

|>Hello.

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|>I am looking for info from someone who has experience calling C routines
|>with IDL for the purpose of controlling a framegrabber and a couple of
|>stepper motors. I need to know how difficult it is to use IDL for lab
|>automation control. I would rather use IDL than something like LabView
|>since IDL has the image analysis power I need. If anyone has experience
|>in this area, please let me know.

If you want to do this on the PC under Win95 or NT, I can give you tips
on call_external usage under this architecture and on how to access
the serial ports for sending commands to the step motor controllers.
(I am using VC++ 4.2 for the C language part).

If you already have the system device driver for your frame grabber,
you basically need only write a wrapper around the respective calls
to deal with IDL's argc,argv calling conventions.

Karl

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