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.

|>

|>| 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. | 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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