
Subject: Re: Remote a CCD by a Matrox Frabe grabber
Posted by [Rick Towler](#) on Thu, 17 Feb 2005 21:11:11 GMT
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Fabrice Monti wrote:

> I use IDL for a lot a applications, but now I have a Big problem.
> I would like to capture an image from a CCD. I use a frame grabber
> (matrox meteor2).
>
> For the moment, i use Matlab with a external call to the "Mil". It's a
> library which remote the frame grabber. Whit matlab, i can see, save
> and modify my image.
> But i wrote a IDL to calculate a lot of think on this image.
> I must save the image in a file with Matlab and read it with IDL...
> Grrrr...
>
> Do you think is it possible to replace to call external of Matlab by
> the same function in IDL... i tried to use "call_external" and
> "socket" function whitout succes....
> is it possible to call a external library like "Mil" whit IDL, and
> how?

It probably is possible with CALL_EXTERNAL. I doubt SOCKET would work unless your frame grabber is attached to the network and it serves up data via TCP/IP. You'd have to check your frame grabber docs.

Why don't you post what you have tried with CALL_EXTERNAL. You should be able to glean relevant information from your MATLAB loadlibray/calllib functions to get you started in IDL.

-Rick
