Subject: Re: Frame Grabbers with IDL
Posted by kak on Tue, 26 Nov 1996 08:00:00 GMT

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Troy Klein <troy.klein@jhuapl.edu> writes:

> Rolando Raqueno wrote:
>>
>> Does anybody have experience with having IDL control a frame grabber
>> (any recommendations) hosted by a PC?
>>
> 2) IDL on the PC seems to break up its memory allocation for variables
> into 64KB chunks.
>   That is, you can't transfer more than 64KB of data at a time.

> Has anyone else run into the 64KB limit on a PC, or am I dreaming?

I had the same problem with transferring frames from a CCD camera
memory board (16MB per image series). This is a limitation of Win31
because as a 16bit operating system it cannot simply allocate
memory chunks > 64kB. There are of course workarounds but they did
not work with IDL.
My advice: change to Win95 or better to WinNT4.0 and use IDL 4.01.
In that combination you work completely in a 32bit environment
and programming that stuff is a breeze - after you learned it ;-)
One disadvantage: the upgrades will cost you quite a lot and it's
some days work to get your computer working again with the new
operating system.
Still, IMHO it's worth the effort.

Karl