
Subject: Passing Image Data :)

Posted by [Logan Lindquist](#) on Fri, 19 Oct 2001 19:43:08 GMT

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=iso-8859-1">
<META content="MSHTML 6.00.2600.0" name=GENERATOR>
<STYLE></STYLE>
</HEAD>
<BODY bgColor=#ffffff>
<DIV><FONT face=Arial size=2>Since everyone was so helpful last time, I figured
I'd give this another shot. I read in the [Mr. Fanning's IDL PT 1st ed.] that it
is better to use Struct's ( info = { imageData:imageData} ) to pass common
program information between pro/functions rather than the IDL 'common' keyword.
Well I am having problems&nbsp;doing that. I would like to make it so it doesn't
matter what type[2, 3, or 4&nbsp;dimensional]&nbsp;&nbsp; of image I pass between
pro/functions. I&nbsp;might try&nbsp;making a image data variable for each type,
but that seems redundant. My original thinking was to make a dummy ByteArr and
then resize it, if need be, but that didn't work. </FONT></DIV>
<DIV><FONT face=Arial size=2></FONT>&nbsp;</DIV>
<DIV><FONT face=Arial size=2>I tried several different variable initializations,
even making it so that it was the same as the returned image and it still gives
me an error saying that the expressions are not the same. I think I am just
going to rewrite&nbsp;it so that the image data&nbsp;is passed using the common
keyword. Does the common keyword&nbsp;make a pointer? Do I have to release this
from memory, or does IDL handle that? Now that I think of it, that might be
better, cause it would be faster if I could just create one instance of the
image data in&nbsp;memory rather than copying and pasting it between parts of
the program. So I guess what the question really is, What is the quickest
[best]&nbsp;way to pass image data of&nbsp;varying dimensions between program
components? </FONT></DIV>
<DIV><FONT face=Arial size=2></FONT>&nbsp;</DIV>
<DIV><FONT face=Arial size=2>Thanks Very Much,</FONT></DIV>
<DIV><FONT face=Arial size=2>Logan Lindquist</FONT></DIV></BODY></HTML>
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