Subject: Re: Speeding up data crunching using IDL_IDLBridge with asychronous execution
Posted by Phillip Bitzer on Tue, 09 Jul 2013 21:33:59 GMT
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Yes, the bridge object can be used for things other than widgets.

Have you seen: http://www.iluvatar.org/~dwijn/parallelidl ? I'll admit that I do something a little different, but I think this might lead you down the right path. Basically, you're looking to set the callback property to handle writing the output of the distance calculation (your properly behaving children) to your array (your doting parent). It's a respectful way your children can talk to their parent :-)

As an aside, there are better ways to get the distance between points in an array. See http://www.idlcoyote.com/code_tips/fastdist.php and the related newsgroup discussion. But, it looks like you're simply using this as an example of how to use bridges.