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Subject: Re: complex number woes (help please)  
Posted by [David Fanning](#) on Mon, 27 Feb 2006 03:29:29 GMT  
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Steve writes:

> 'm working on a GUI that has 2 text widgets that I use to get the real  
> and imaginary parts of a complex number. I then wish to multiply this  
> number by every element in a 7x7 array, but my output is yielding only  
> a single complex number (and not the 7x7 complex array output that I'd  
> expect). Funny thing is, I can't seem to reproduce the problem if I  
> just generate a complex number (that is not from my widget),  
>  
> Here's what I do to create the issue...  
> -----  
>  
> Any idea what's going on, and why there's a difference?

I didn't follow most of this, but I do know that you are treating the value you get out of the text widgets as a scalar, and it never is. It is *\*ALWAYS\** a 1-element array. This could be the cause of all your problems. :-)

Try something like this and let us know if it is still a problem:

```
Widget_Control, textID, Get_Value=textValue  
textValue = Float(textValue[0])
```

Cheers,

David

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Subject: Re: complex number woes (help please)  
Posted by [Steve\[3\]](#) on Mon, 27 Feb 2006 03:56:48 GMT  
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Perfect... Thanks for the help!  
-Steve

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