
Subject: Re: Arrays merging

Posted by [Benjamin Hornberger](#) on Wed, 15 Feb 2006 17:06:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

Julio wrote:

```
>
> ARRAY1    STRING  = Array[15, 4]
> ARRAY2    STRING  = Array[15, 6]
>
> I need to merge these two arrays into 1. I'm using:
>
```

Try

```
Array3 = [[array1], [array2]]
```

and have a look at http://www.dfanning.com/tips/array_concatenation.html.

Good luck,
Benjamin

Subject: Re: Arrays merging

Posted by [David Fanning](#) on Wed, 15 Feb 2006 17:09:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

Julio writes:

```
> Hello, I have an easy question. I have two arrays:
>
> help, array1
> help, array2
>
> ARRAY1    STRING  = Array[15, 4]
> ARRAY2    STRING  = Array[15, 6]
>
> I need to merge these two arrays into 1. I'm using:
>
> Array3 = [array1, array2]
>
> But it doesn't work, since the dimensions do not agree. How can I do to
> concatenate these two arrays? How can I fill with zero values the
> array1 to match it with array2??
```

```
Array4 = StrArr(15,6)
array4[0,0] = array1
array3 = [array4, array2]
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Arrays merging

Posted by [Paul Van Delst\[1\]](#) on Wed, 15 Feb 2006 17:11:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

Julio wrote:

> Hello, I have an easy question. I have two arrays:

>

> help, array1

> help, array2

>

> ARRAY1 STRING = Array[15, 4]

> ARRAY2 STRING = Array[15, 6]

>

> I need to merge these two arrays into 1. I'm using:

>

> Array3 = [array1, array2]

>

> But it doesn't work, since the dimensions do not agree. How can I do to

> concatenate these two arrays? How can I fill with zero values the

> array1 to match it with array2??

Try array3 = [[array1],[array2]]

IDL> x1=strarr(15,4)

IDL> x2=strarr(15,6)

IDL> help, x1, x2

X1 STRING = Array[15, 4]

X2 STRING = Array[15, 6]

IDL> help, [[x1],[x2]]

<Expression> STRING = Array[15, 10]

paulv

--

Paul van Delst

CIMSS @ NOAA/NCEP/EMC

Subject: Re: Arrays merging

Posted by [David Fanning](#) on Wed, 15 Feb 2006 17:15:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

Benjamin Hornberger writes:

> Julio wrote:

>>

>> ARRAY1 STRING = Array[15, 4]

>> ARRAY2 STRING = Array[15, 6]

>>

>> I need to merge these two arrays into 1. I'm using:

>>

>

> Try

>

> Array3 = [[array1], [array2]]

>

> and have a look at http://www.dfanning.com/tips/array_concatenation.html.

I guess Julio better specify how he wants his array concatenated. I just took him at his word. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Arrays merging

Posted by [Julio\[1\]](#) on Wed, 15 Feb 2006 17:33:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi, I tried the tips, and David's worked fine!

Thanks for all the comments,

Cheers,

Julio
