
Subject: appending to column
Posted by [d.poreh](#) on Wed, 16 Jul 2008 16:02:14 GMT
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Folks

I have a float array that first column is the integer part and second column is the decimal part of that number. How I can append this to column to get one column of that float number. For example:

[123,456]-----> 123.456

.....

Thanks
Cheers

Subject: Re: appending to column
Posted by [Michael Galloy](#) on Wed, 16 Jul 2008 17:48:11 GMT
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On Jul 16, 11:27 am, Jean H
> IDL> help, 1 + float('0.'+strtrim(234,2))
> <Expression> FLOAT = 1.23400

Nifty.

Mike

--

www.michaelgalloy.com
Tech-X Corporation
Software Developer II

Subject: Re: appending to column
Posted by [David Fanning](#) on Wed, 16 Jul 2008 17:54:54 GMT
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Jean H writes:

> 1) get the number of digits for the decimal part

This is the part that's handy to know. I could have saved myself a hell of a lot of effort in the past, had I known about this.

I shouldn't have taught myself how to write programs. This is probably taught in Programming 101 today. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: appending to column

Posted by [R.G. Stockwell](#) on Wed, 16 Jul 2008 18:22:10 GMT

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"Jean H" <jghasban@DELTHIS.ucalgary.ANDTHIS.ca> wrote in message
news:g5lb22\$inp\$1@news.ucalgary.ca...

```
>> IDL> print,a
```

```
>>    0    1
```

```
>>    2    3
```

```
>>    4   311
```

```
>> IDL> print,a[0,*] +
```

```
>> float(a[1,*])/10^strlen(strcompress(string(a[1,*]),/rem))
```

```
>>    0.100000
```

```
>>    2.30000
```

```
>>    4.31100
```

```
>>
```

```
>>
```

```
>> Cheers,
```

```
>> bob
```

```
>
```

```
> While using strings, we can make it more efficiently. There is no need to
```

```
> do any division, get the length or anything:
```

```
>
```

```
> IDL> help, 1 + float('0.'+strtrim(234,2))
```

```
> <Expression>  FLOAT  =    1.23400
```

```
>
```

```
> Jean
```

It is always a trade-off. Do you want an answer fast,
or do you want an answer that is right?

lol

Cheers,

bob
