
Subject: Re: problem with FIX function

Posted by [Burch](#) on Tue, 15 Nov 2016 14:23:44 GMT

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

On Tuesday, November 15, 2016 at 8:12:19 AM UTC-6, AGW wrote:

> Hi, all

>

>
> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

> IDL> x=40251.00

> IDL> print,fix(x)

> -25285

>
> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

> How it is result, what is the promplem?

By default FIX() returns an integer type, which ranges from -32768 to +32767. You need to use the TYPE keyword to specify an output type appropriate for your situation. For, instance setting "TYPE = 3" (Long integer) behaves as you would expect:

```
IDL> print, fix(40251.00, type = 3)
      40251
```

IDL Documentation: <http://www.harrisgeospatial.com/docs/FIX.html>

-Jeff
