Subject: Re: XYOUTS and ORIENTATION keyword: use negative values to anchor on end of string

Posted by wlandsman on Wed, 24 Aug 2016 18:45:21 GMT

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I don't see this (if I understand you right). In the code sample below, the text is anchored at the end of the string for both orient=45 and orient = -45 --Wayne

```
IDL> plot,indgen(10)
IDL> xyouts,3,3,'This is text',orient=45,align=1
IDL> xyouts,3,3,'This is text',orient=-45,align=1
IDL> !version

{
    "ARCH": "x86_64",
    "OS": "darwin",
    "OS_FAMILY": "unix",
    "OS_NAME": "Mac OS X",
    "RELEASE": "8.5.1",
    "BUILD_DATE": "Nov 14 2015",
    "MEMORY_BITS": 64,
    "FILE_OFFSET_BITS": 64
}

On Wednesday, August 24, 2016 at 2:31:43 PM
```

On Wednesday, August 24, 2016 at 2:31:43 PM UTC-4, Edward Hyer wrote:

> IDL folks,

>

> There's a pretty good chance I have this wrong, but I'm at least pretty sure the documentation is also wrong. If someone knows the definitive answer, please post it here for everyone.

>

> Basically, when ORIENTATION is used, setting ALIGNMENT=1.0 will still anchor the text at the start, meaning the position argument passed to XYOUTS will be the start of the string. However, if a negative value is passed to ORIENTATION, the position argument will be the end of the string, which IMO is what ALIGN=1 should do. This does not appear to be documented in the XYOUTS docs or the documentation for the ORIENTATION graphic keyword.

>

> --Edward H.