
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

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

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 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.
