
Subject: draw text parallel to a sloping line

Posted by [Kristian Kjaer](#) on Sat, 04 Mar 2000 08:00:00 GMT

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I want to draw some text parallel to a sloping line, e.g.,
the line through (X,Y) with a given Slope:

```
IDL> X = 24.5259 & Y = 16789.1 & Slope = -1763.03 ; data coordinates
```

```
IDL> dX=2.2 & plot, [X-dX,X+dX], Y+[-dX,dX]*Slope
```

Then this doesn't give the desired result:

```
IDL> O_angle=atan(Slope)*!radeg
```

```
IDL> xyouts,X,Y,'A_String_Parallel_To_A_Line',$
```

```
IDL> alignment=0.5,orientation=O_angle
```

But then, how to do?
Any help appreciated!
