

---

Subject: Re: Plot

Posted by [David Fanning](#) on Fri, 09 Dec 2011 15:38:29 GMT

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

---

Dave Poreh writes:

> I have a data like this and i want to plot column 1 (x) and column 2  
> (y) and column 3 as the name of the points on plot (like 12006, 12507  
> etc.). Could somebody help please?

>  
> 0 0 12006  
> 35 196.7 12507  
> 70 779.8 13008  
> 140 37 14010

```
x = [0, 35, 70, 140]  
y = [0, 196.7, 779.8, 37]  
names = StrTrim([12006,12507,13008,14010],2)  
cgplot, x, y, PSym=2, color='red', SymSize=2, $  
    xrange=[-50, 200], yrange=[-200,1000]  
n = Convert_Coord(x, y, /Data, /To_Normal)  
xn = n[0,*]  
yn = n[1,*]  
for j=0,N_Elements(xn)-1 do begin  
    cgText, xn[j], yn[j]+0.025, names[j], align=0.5, $  
        /Normal, color='royal blue'  
endfor  
END
```

Cheers,

David

--

David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---