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matplotlib: Set markers for individual points on a line

I have used matplotlib to plot lines on a figure. Now I would now like to set the style, specifically the marker, for individual points on the line. How do I do this?

Edit: to clarify my question, which was answered, I want to be able to set the style for individual markers on a line, not every marker on said line.

python numpy matplotlib

edited Jul 17 '13 at 14:37

asked Dec 7 '11 at 0:56

dbmikus

1,101 2 17 28

2 Related solution for arclength marker spacing: [stackoverflow.com/questions/17406758/...](#)
— Ioannis Filippidis Nov 25 '13 at 8:06

2 Answers

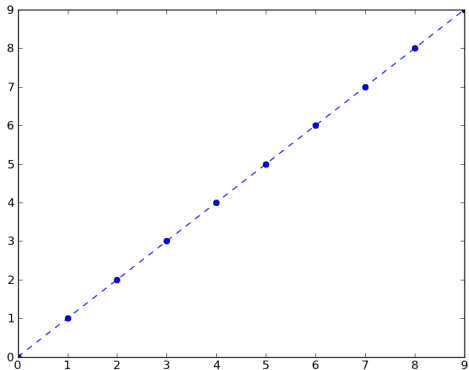
Specify the keyword args `linestyle` and/or `marker` in your call to `plot`.

For example, using a dashed line and blue circle markers:

```
plt.plot(range(10), linestyle='--', marker='o', color='b')
```

A shortcut call for the same thing:

```
plt.plot(range(10), '--bo')
```



Here is a list of the possible line and marker styles:

character	description
-	solid line style
--	dashed line style
-.	dash-dot line style
:	dotted line style
.	point marker
,	pixel marker
o	circle marker
v	triangle_down marker
^	triangle_up marker
<	triangle_left marker
>	triangle_right marker
1	tri_down marker
2	tri_up marker
3	tri_left marker
4	tri_right marker
s	square marker
p	pentagon marker
+	star marker
h	hexagon1 marker
H	hexagon2 marker
+	plus marker
x	x marker
D	diamond marker
d	thin_diamond marker
	vline marker
-	hline marker

edit: with an example of marking an arbitrary subset of points, as requested in the comments:

