

## Visit - Bug # 1300: Multiple ways of specifying a Lineout from cli.

Status:	Rejected	Priority:	Normal
Author:	Kathleen Biagas	Category:	
Created:	01/09/2013	Assigned to:	
Updated:	01/15/2013	Due date:	
Likelihood:	3 - Occasional		
Severity:	2 - Minor Irritation		
Found in Version:	2.6.0		
OS:	All		
Support Group:	Any		
Subject:	Multiple ways of specifying a Lineout from cli.		

Description: h3. Available in 2.6.0:

Old style Lineout, with start\_point the first tuple, end\_point the second

```
<pre><code>Lineout((0, 0, 0), (0, 0.16, 0))</code></pre>
```

New Query-style lineout with named arguments.

```
<pre><code>Query("Lineout", end_point=(0, 0.16, 0), start_point=(0, 0, 0))</code></pre>
```

New style Query with dictionary argument

```
<pre><code>Query("Lineout", {'end_point':(0, 0.16, 0), 'start_point':(0, 0, 0)})</code></pre>
```

h3. Available in 2.6.1:

New style Lineout with named arguments, 2-d coordinates specified and extra arguments.

```
<pre><code>Lineout(start_point=(0, 0), end_point=(0, 0.16), use_sampling=1, num_samples=100)</code></pre>
```

New style Lineout with dictionary argument

```
<pre><code>Lineout({'end_point':(0, 0.16, 0), 'start_point':(0, 0, 0)})</code></pre>
```

h3. Logged commands

In order, they yield the following Logged commands (as Query with keyword arguments):

```
<pre><code>Query("Lineout", end_point=(0, 0.16, 0), start_point=(0, 0, 0))
Query("Lineout", end_point=(0, 0.16, 0), start_point=(0, 0, 0))
Query("Lineout", end_point=(0, 0.16, 0), start_point=(0, 0, 0))
Query("Lineout", end_point=(0, 0.16, 0), num_samples=100, start_point=(0, 0), use_sampling=1)
Query("Lineout", end_point=(0, 0.16, 0), start_point=(0, 0, 0))
</code></pre>
```

h3. Questions

The logging yields these results due to how the command is carried to the viewer as a QueryRPC.

For compactness and consistency ...

1) Should the Lineout version from the cli be deprecated and removed?

OR

2) should the logging be modified to present the "Lineout" form?

OR

3) leave well enough alone :)

Pick behaves as (2), special logic is added to the logging to show 'Pick' instead of 'Query("Pick")'.  
If we choose (1) for Lineout, should the same be done for Pick?

## History

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**01/15/2013 06:54 pm - Kathleen Biagas**

- Status changed from New to Rejected

No action needed.