

./kamaki - Bug # 4865

<b>Status:</b>	Resolved	<b>Priority:</b>	Medium
<b>Author:</b>	Stavros Sachtouris	<b>Category:</b>	kamaki
<b>Created:</b>	01/09/2014	<b>Assignee:</b>	Stavros Sachtouris
<b>Updated:</b>	01/30/2014	<b>Due date:</b>	01/17/2014
<b>Subject:</b>	Non positional arguments are partially matched		
<b>Description</b>			
E.g. instead of --device-id a user may use --devi			
This looks like argparse feature			

Associated revisions

Revision b33d9050 - 01/30/2014 05:56 pm - Stavros Sachtouris

Disable argument abbreviation

Refs: #4865

Implementaton details: subclass ArgumentParser and override the  
\_get\_option\_tuples method. Replace option\_string comparison  
operator: == instead of .startswith  
The rest of the method code is copy-pasted from python 2.7.3 argparse

History

#1 - 01/30/2014 12:59 pm - Stavros Sachtouris

- Status changed from New to Closed
- Estimated time changed from 3.00 to 0.00

This behaviour is inherited from the python argparse module and it is not necessarily a bug

The ability to write --device instead of --device-id is nice, as long as there are no conflicts with other arguments  
This concern is resolved by argparse which does not recognise partial arguments when they are ambiguous.

For example, the --size-min and --size-max arguments in kamaki image list can be shortened as

```
--size-mi
--size-ma
```

but nothing shorter, since anything shorter would be ambiguous.

#2 - 01/30/2014 02:12 pm - Vangelis Koukis

- Status changed from Closed to Assigned

Stavros,

this is certainly unwanted behavior, and bound to create problems.

Please disable this. A workaround exists here:

<http://bugs.python.org/issue14910>

**#3 - 01/30/2014 03:21 pm - Stavros Sachtouris**

- *Estimated time changed from 0.00 to 3.00*

Vangelis, this particular workaround seems like a bad idea: a patch on argparse which is not included in any python 2.X version may cause more problems than it solves.

There is another workaround I've found a few months ago: <http://stackoverflow.com/questions/10750802/disable-abbreviation/10751356#10751356>

It is based on overwriting argparse behaviour.

Maybe the solution should be based on the later rather than the former.

Btw, I quote Jonathan Paugh's response from issue14910 : "I am dubious as to the use of this: I think resolving partial args is one of the best things invented since sliced bread"

(I don't necessarily agree)

**#4 - 01/30/2014 03:35 pm - Vangelis Koukis**

I don't have a strong opinion on the way to disable the "feature", as long as it actually gets disabled.

Do whatever you think is best.

**#5 - 01/30/2014 05:58 pm - Stavros Sachtouris**

- *Status changed from Assigned to Resolved*

- *% Done changed from 0 to 100*