


# Can you define aliases for imported modules in Python?



  
[Get started](#)

  
**89**  
  
  
**4**

In Python, is it possible to define an alias for an imported module?

For instance:

```
import a_ridiculously_long_module_name
```

...so that it has an alias of 'short\_name'.


python module alias python-import

share improve this question

edited Feb 25 '13 at 15:10

**CharlesB**  
54.3k ● 16 ● 142 ● 162




asked Apr 1 '09 at 17:33

**Jordan Parmer**  
19.2k ● 20 ● 83 ● 109

add a comment

3 Answers

active oldest votes

  
**134**  
  



```
import a_ridiculously_long_module_name as short_name
```

also works for

```
import module.submodule.subsubmodule as short_name
```

share improve this answer



answered Apr 1 '09 at 17:34

**vartec**  
90.2k ● 25 ● 171 ● 214

add a comment



  
[Get started](#)

  
**29**  


[Check here](#)


```
import module as name
```

or

```
from relative_module import identifier as name
```



share improve this answer

answered Apr 1 '09 at 17:34

**Brian R. Bondy**  
238k ● 94 ● 525 ● 584

3 Hmm, when I try to do `from name import X` (after the alias definition) I get `No module named name`. Can we import modules from aliases? – [Amelio Vazquez-Reina](#) Jan 23 '13 at 21:07

add a comment

  
**26**  


If you've done:

```
import long_module_name
```


you can also give it an alias by:

```
lmn = long_module_name
```

There's no reason to do it this way in code, but I sometimes find it useful in the interactive interpreter.

share improve this answer

answered Apr 1 '09 at 22:22

**John Fouhy**  
28k ● 10 ● 51 ● 69

4 For some purposes this is better than the top answers (`import long_module_name as lmn`) because you can still reference the module by both `long_module_name.x` and `lmn.x` – [Anas Elghafari](#) Aug 14 '14 at 14:27

This is the technically correct response for the question: aliases for imported modules. – [DigitalEye](#) Oct 22 '15 at 18:05

1 The reason this is possible is that modules are first-class objects in Python. – [md2perpe](#) Apr 10 '17 at 15:17

add a comment