

## Re: Execute commands from file

---

*Source:* <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2007-05/msg02562.html>

---

- *From:* Steve Holden <[steve@xxxxxxxxxxxxxxx](mailto:steve@xxxxxxxxxxxxxxx)>
  - *Date:* Wed, 16 May 2007 16:05:03 -0400
- 

Martin Blume wrote:

"tmp123" schrieb >

We have very big files with python commands (more or less, 500000 commands each file).

It is possible to execute them command by command,

```
inp = open(cmd_file)
for line in inp:
    exec line
```

might help. You don't get quite the same feeling as "like if the commands was typed one after the other in a interactive session", but perhaps this helps.

Warning: the code above is without any error checks. You might also run into security problems, the example above assumes you trust your input.

HTH. YMMV.  
Martin

The problem with this approach is that each line executes without any connection to the environment created by previous lines.

Try it on a file that reads something like

```
xxx = 42
print xxx
```

and you will see NameError raised because the assignment hasn't affected the environment for the print statement.

regards  
Steve

Re: Execute commands from file

---

Steve Holden +1 571 484 6266 +1 800 494 3119

Holden Web LLC/Ltd <http://www.holdenweb.com>

Skype: holdenweb <http://del.icio.us/steve.holden>

----- Asciimercial -----

Get on the web: Blog, lens and tag your way to fame!!

[holdenweb.blogspot.com](http://holdenweb.blogspot.com) [squidoo.com/pythonology](http://squidoo.com/pythonology)

tagged items: [del.icio.us/steve.holden/python](http://del.icio.us/steve.holden/python)

All these services currently offer free registration!

----- Thank You for Reading -----

.