**[How do I share global variables across modules?](https://docs.python.org/2/faq/programming.html" \l "id12)**

The canonical way to share information across modules within a single program is to create a special module (often called config or cfg). Just import the config module in all modules of your application; the module then becomes available as a global name. Because there is only one instance of each module, any changes made to the module object get reflected everywhere. For example:

config.py:

x = 0 # Default value of the 'x' configuration setting

mod.py:

import config

config.x = 1

main.py:

import config

import mod

print config.x

Note that using a module is also the basis for implementing the Singleton design pattern, for the same reason.