Setting up the User and System Environments without a Setup GUI

Updated: 5/17/2016

Normally, when Canopy is launched for the first time by clicking on its icon, it will open a GUI dialog window to prompt the user for the locations of the User and System environments. This will not work if you are remotely connected to the machine via a text-only interface such as SSH. In such a scenario, you can perform the environment setup without a GUI, by using the CLI --no-gui-setup option:

<table>
<thead>
<tr>
<th>Platform</th>
<th>Command</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows</td>
<td>Canopy\app\Canopy_cli.exe --no-gui-setup</td>
</tr>
<tr>
<td>Mac OS X</td>
<td>/Applications/Canopy.app/Contents/MacOS/Canopy_cli --no-gui-setup</td>
</tr>
<tr>
<td>Linux</td>
<td>~/Canopy/canopy_cli --no-gui-setup</td>
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</tbody>
</table>

By default, the User and System environments will be created in the same default directories as if Canopy had been launched with a normal GUI dialog (Where are all of the Python packages in my User Python Environment?). Alternatively, the grandparent directory of the User and System directories can be explicitly specified from the command line via the --install-dir switch. For example:

**On Windows:**

Canopy\App\Canopy_cli.exe --no-gui-setup --install-dir
C:\Users\<username>

**On Mac:**

/Applications/Canopy.app/Contents/MacOS/Canopy_cli --no-gui-setup --install-dir /usr/local
On Linux:

```
~/Canopy/canopy_cli --no-gui-setup --install-dir /usr/local
```

On Mac OS and Linux, this example would create `/usr/local/Canopy_64bit` for Canopy 64-bit and

```
/usr/local/Canopy_32bit
```

for Canopy 32-bit install. On Windows, it would create

```
C:\Users\<username>\Canopy for Canopy 64-bit and C:\Users\<username>\Canopy32 for Canopy 32-bit.
```

Under this installation directory, you will find the User and System directories which are the Canopy User Python and Canopy System environments, respectively. Under the User/bin (User\Scripts on Windows) directory you will find two convenience scripts, `canopy_cli` (.exe on Windows) and `canopy` (.exe on Windows), which are described in detail [here](#).