

AMI Script Requirements

This document goes over the items required to run Shotgun AMI scripts on your computer. All instructions are written for Windows computers.

Install Python 2.7 & Set Environment Variable

1. Download the latest version of Python 2.7 from the official website: <https://www.python.org/downloads/>
2. Double click the downloaded .msi to install it. (Install it at this location: C:\Python27\)
3. Open your computers Environment Variables.
 - >> Search (Windows key + "s") for Environment Variables on your computer and select "Edit the system environment variables"
 - >> Click on "Environment Variables"
4. Under System variables, select "Path" and click "Edit..."
5. Depending on the amount of variables you have in your Path you will either:
 - >> add C:\Python27\;C:\Python27\Scripts\ to your Path
 - >> Click "New" and add C:\Python27 AND C:\Python27\Scripts\

Install Shotgun API

**** MUST BE DONE AFTER INSTALLING PYTHON 2.7**

1. Download a ZIP of Shotguns API from here: <https://github.com/shotgunsoftware/python-api>
2. Unzip the folder
3. Open a command prompt and run the following command:

```
pip install C:\path\to\python-api-master
```

*** your command will need to be the path to the unzipped folder. For example, I would run the following command if my python-api-master was in my downloads folder.*

```
pip install C:\Users\ETE\Downloads\python-api-master
```

Creating an AMI (Action Menu Item) in Shotgun

Any script listed in the AMI README should already have an AMI created for it in Shotgun but in the case there is not one already created follow the instructions below:

1. After your Windows Registry has been created navigate to the "Action Menu Items" page in Shotgun.
2. Click on "+ Action Menu Item"
3. Give the AMI a Title. *** For example, "Run the Autocompositor".*
4. Select an Entity Type for the AMI. This is where the AMI will be displayed. *** For example, selecting "Shot", will display the AMI on the "Shot" page in every project.*
5. Set the URL for the AMI. The URL will be the following: *** For example: autocompositor://*

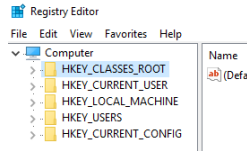
```
yourkeyname://
```

6. Click "Create Action Menu Item"

Create Windows Registry

**** The README in AMI Scripts lists the Key Name and Script Path for each script**

1. Open regedit. (Search your computer for it.)
2. Select "HKEY_CLASSES_ROOT" located under 'Computer'



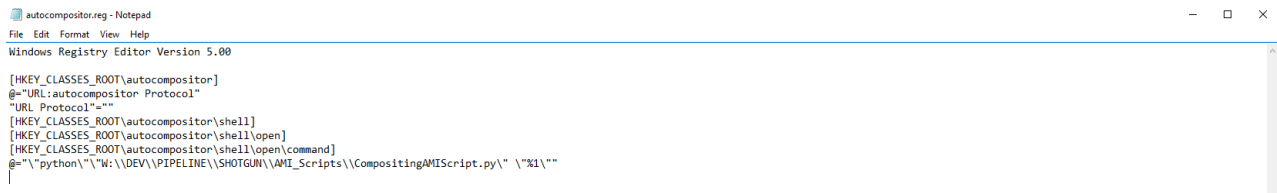
3. Click "Edit" → "New" → "Key"
4. Name the Key accordingly.
 ** For Example: In the README under CompositingAMIScript.py it says the Windows Registry Key Name is autocompositor so I would name the key 'autocompositor'
5. Right click the key you just made and select 'Export'. Export it to your Desktop as the keys name.
6. Right click the exported key on your Desktop and click "Edit". Your file will look like the one below.
 ** The exported key will be a .reg file ** In Line 3 of your .reg file you will see your keys name



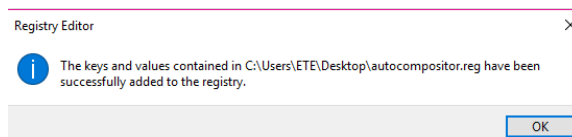
7. Paste the following in Line 4, the line below [HKEY_CLASSES_ROOT\yourkeyname].
 ** yourkeyname will display the name you gave your key which should match the one in the README

```
@="URL:yourkeyname Protocol"
"URL Protocol"=""
[HKEY_CLASSES_ROOT\yourkeyname\shell]
[HKEY_CLASSES_ROOT\yourkeyname\shell\open]
[HKEY_CLASSES_ROOT\yourkeyname\shell\open\command]
@="\"python\" \"yourscriptpath\" \"%1\""
```

8. Replace all **bold, underlined, pink text** from above with the following: Your file will look similar to the one below.
yourkeyname – Your key name which is defined in the README for the script you are setting up
yourscriptpath – Your script path which is defined in the README for the script you are setting up
 ** make sure that your script path only has a single backslash, "\" located at the end of it. All other backslashes should be doubled, "\\".
 ** If the share drive has changed since creating this document then set yourscriptpath to the location of the AMI_Scripts folder and add \\thescriptsname.py. Replace all single backslashes with double slashes EXCEPT for the last one after the scripts name.



9. Save and close the file.
10. In regedit. Select your Key then Click "File" → 'Import'. Select your .reg file that you just edited. If it was successfully imported you will see the following message and a "URL Protocol" listed under '(Default)' in the keys folder.



11. Now you can use the AMI in shotgun associated with the script!