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Carla Troubleshoot

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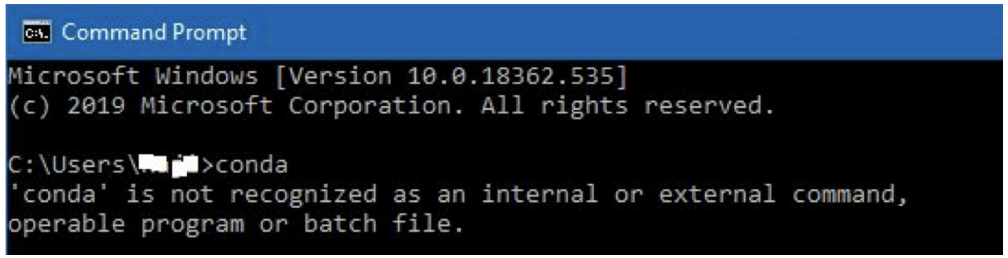
Carla Troubleshoot

ERROR : Conda not found error



Please follow this document: link

ERROR : Carla Installation or DirectX installation error

Please follow below documents :

1. Carla installation link
2. DirectX installation link

ERROR : Carla version error

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```
(self_driving_car) C:\WindowsNoEditor\PythonAPI\examples>python simple_Carla1.py
WARNING: Version mismatch detected: You are trying to connect to a simulator that might be incompatible with this API
WARNING: Client API version     = 0.9.12
WARNING: Simulator API version  = 0.9.10
Assertion failed: (_data.size() - _offset) % sizeof(T) == 0u, file C:\workspace\carla\LibCarla\cmake\..\source\carla\
sor/data/Array.h, line 132

(self_driving_car) C:\WindowsNoEditor\PythonAPI\examples>
```

Solve: If you faced error like this, it means you have different carla running on your system.

ERROR: Environment creation and activation error:

Could not find conda environment: Name of environment

```
C:\Users\ITRS-1887>conda.bat activate vir_env
Could not find conda environment: vir_env
You can list all discoverable environments with `conda info --envs`.
```

Solve : Please make sure that the environment is created in your system before activating.

Steps to create environment

1. Create a new environment

```
C:\Users\ITRS-1887>conda create -n (name of environment) python==3.7
```

Here you need to create an environment to run carla programs. For that use the below command.

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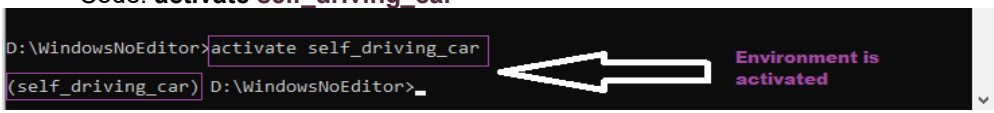
Once you run this it will show something like this,

```
Downloading and Extracting Packages
pip-21.2.2          | 1.8 MB    | ########################################################################## | 100%
wheel-0.37.0        | 32 KB     | ########################################################################## | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate self_driving_car
#
# To deactivate an active environment, use
#
#     $ conda deactivate
```

It means our environment has been created.

3. Then we will activate our environment,
   Syntax: **activate (name of your environment)**
   Code: **activate self_driving_car**



Now your environment is activated.

ERROR: Libraries Error:
If you don't have any library installed it might return this error:
ModuleNotFoundError: No module named

```
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'cv2'
```

Solve : Please make sure that the library which you are going to use is installed in the environment

How to install libraries?
You can install libraries using the pip command.
To install any library you need to write below command,
pip install --user name of library
Example: pip install --user pygame numpy

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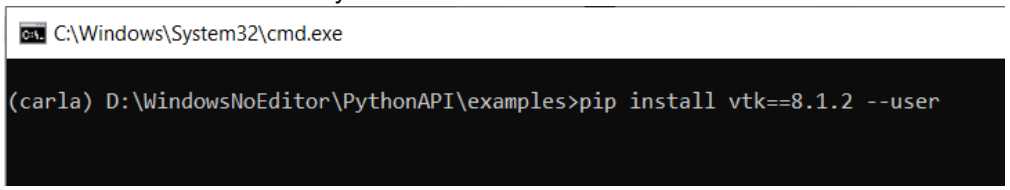
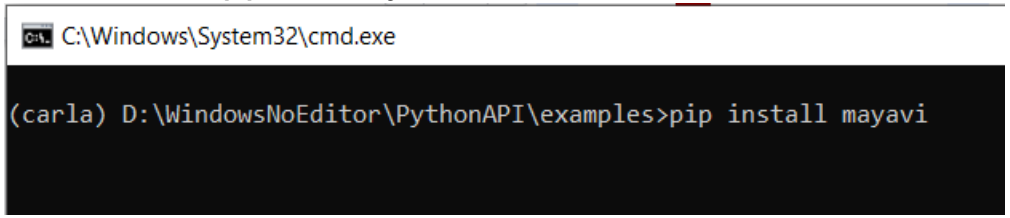
ERROR : If you faced any issue while installing mayavi please follow the instructions below.

MAYAVI INSTALLATION

1. **First install pip install vtk==8.1.2 --user**
   - Since we are using the python 3.7 version we need vtk==8.1.2 version, thus we are installing **vtk==8.1.2**. And **--user** gives system administrator access to install the above library.



2. **Now install pip install mayavi**



3. **Then you can install pip install pyqt5**

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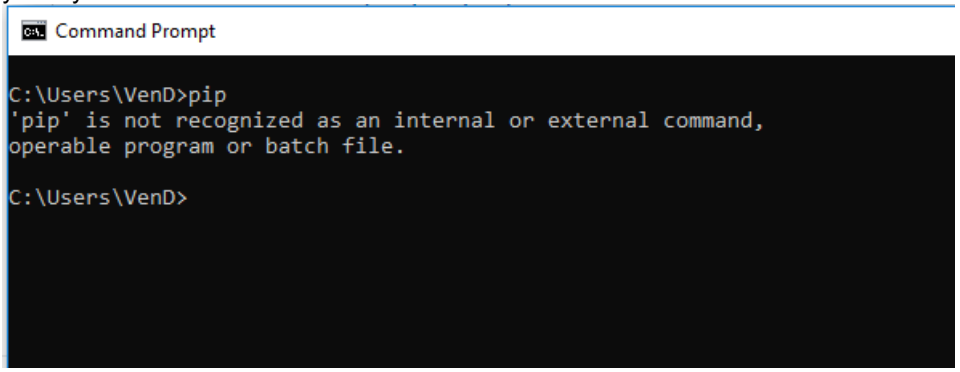
Note: Mayavi installation takes a lot of time. But if you follow the above instructions it will install quickly.

ERROR: pip not recognised.
If you faced the above error it means you don't have installed pip in your system.



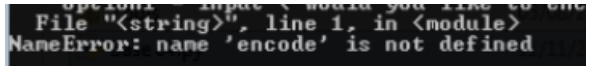
Solve : Create a new environment, will automatically install pip with a suitable version.
Steps of the same are mentioned under **Error: Environment creation and activation error**

ERROR: Coding error:
Indentation error:

If you faced this error it means you have entered a tab while writing code. Please check the code or rewrite the line where you are facing this error

---

ERROR: Not defined error:



If you faced this error means you have used a variable which is not present in the code. Please check the variable where you are getting this error or change the variable name.

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Solve: Please make sure the file which you are accessing from code is present in the same folder.

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