# Getting Started with RDKit and Jupyter Notebooks

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# The actual tutorial will be in the Jupyter notebook

However, there are a few steps that need to be done before you can get started, if you have never used a Jupyter notebook before, or in particular RDKit

Please follow these steps before the Jupyter tutorial in case things go wrong, so that we can have a smooth session :)

## How to use the Jupyter Notebook

Download and install Anaconda <a href="https://www.anaconda.com/products/individual">https://www.anaconda.com/products/individual</a>

Two ways to create the environment:

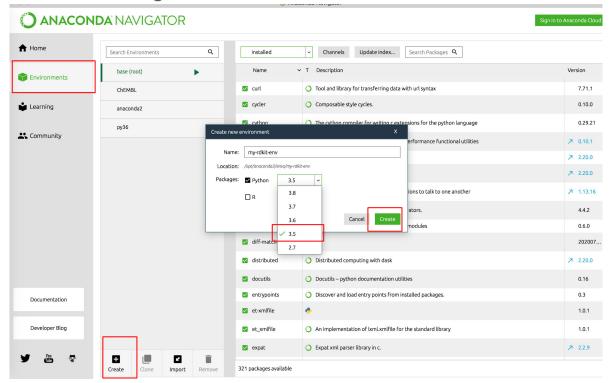
#### 1. Command line

- \$ conda create -c conda-forge -n my-rdkit-env rdkit
- \$ conda activate my-rdkit-env
- \$ conda install -c conda-forge notebook
- \$ jupyter notebook

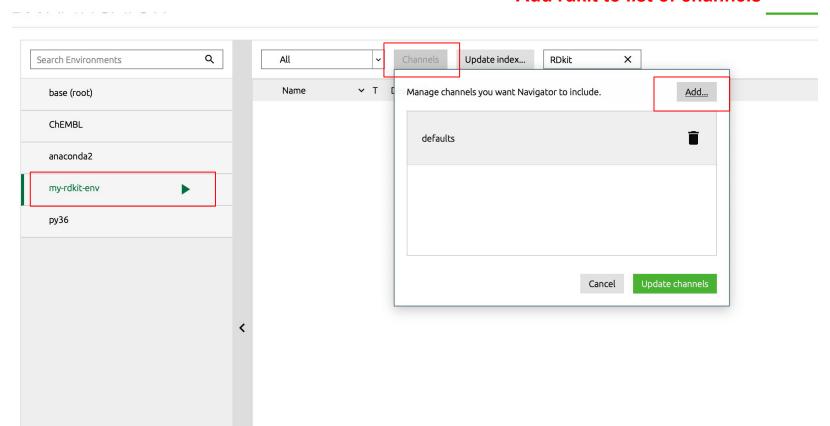
# How to use the Jupyter Notebook

YOU MUST SELECT PYTHON 3.5! NOT 3.8!

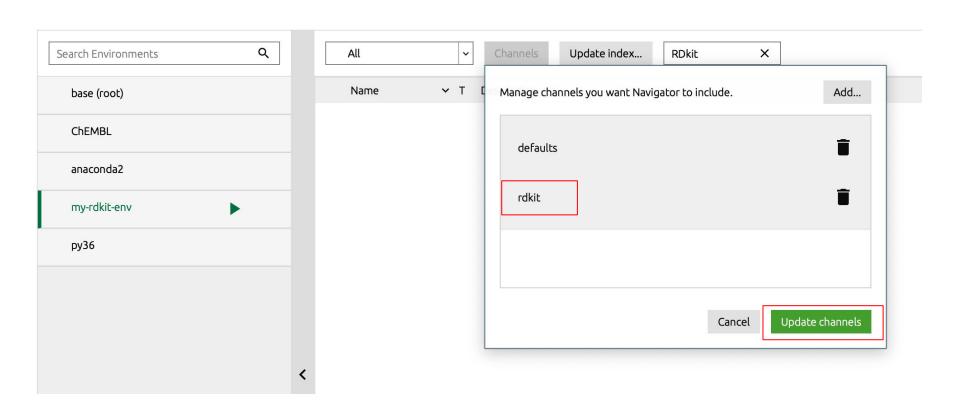
2. Using the Anaconda navigator



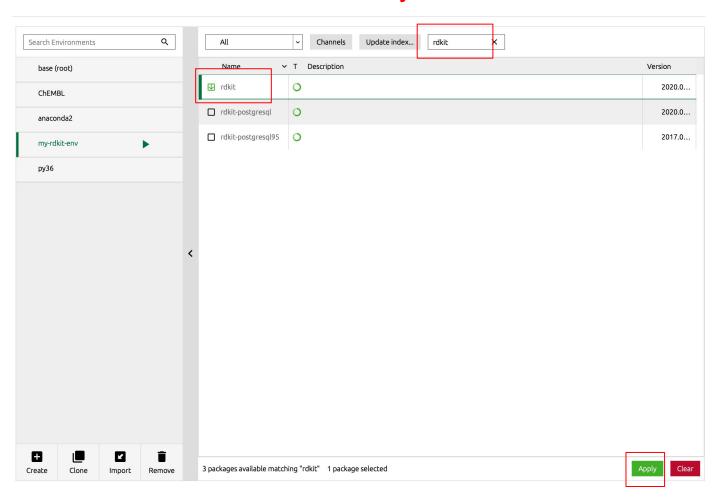
#### Add rdkit to list of channels



### Make sure you update channels



## Now you can search for and install RDKit



## Install Packages

X

33 packages will be installed

	Name	Unlink	Link	Channel	
1	rdkit		2017.09.3.0	rdkit	^
2	*blas	-	1.0	pkgs/main	
3	*boost	-	1.63.0	rdkit	
4	*bzip2	-	1.0.8	pkgs/main	
5	*cairo	-	1.14.12	pkgs/main	
6	*fontconfig	-	2.13.0	pkgs/main	~

\* indicates the package is a dependency of a selected package

**Apply the installed packages :)** 

Cancel

Apply



#### Go to Home and select your new env



**Environments** 

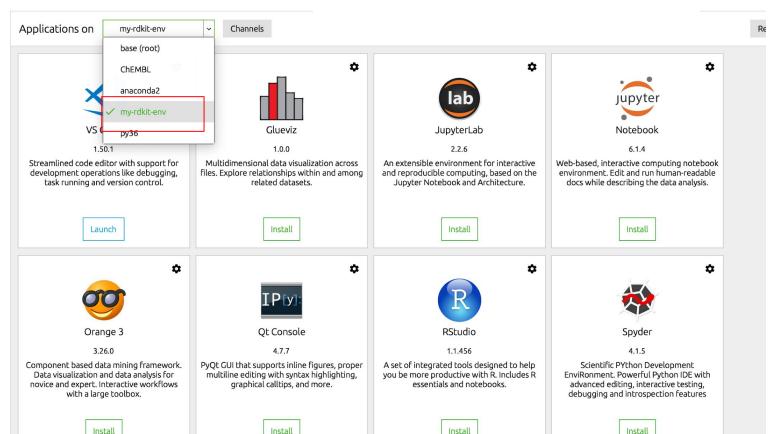
Learning

**Community** 

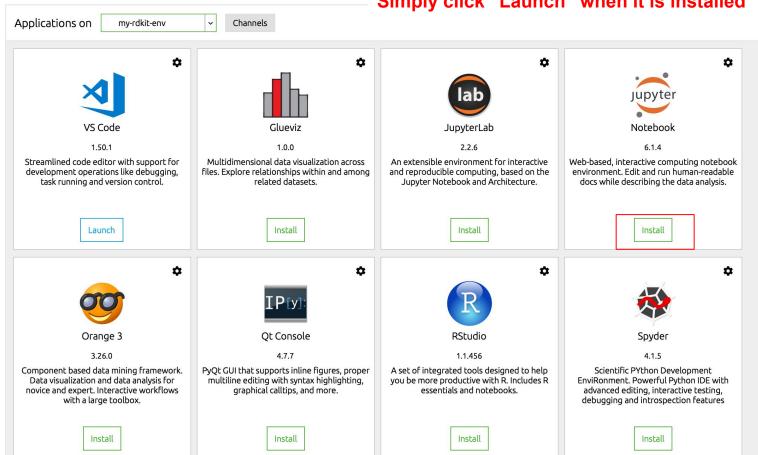


Documentation

Developer Blog



### Install Jupyter Notebook in this env Simply click "Launch" when it is installed



Now, open the "RDKit\_Tutorial.ipynb" and get started!

If you run into issues, try installing the "conda-forge" channel RDKit by adding "conda-forge" to list of channels

Any other issues please email me lh605@cam.ac.uk