# Code development

In order to develop code we can run Jupyter Notebook (or JupyterLab or JupyterHub) in a Docker container running on a Linux VM in cloud. That container will be properly set up for running code.

Then we can connect to the Jupyter through a browser from our local computer to develop and run a code.

Additionally we can use VS code with the following extensions:

* Remote-SSH - In order to connect VS code to that VM
* Dev Containers – In order to access a filesystem inside of the Docker container running on the VM.

This will give us a possibility to browse a filesystem inside of the Docker container and use terminal through VS code.

It is used in the spark\_kubernetes repository.