**Alouette Explorer App Installation Guide**

This document details the installation procedure for the multiple Dash apps (SCISAT + Alouette). The app requires Python 3.7 or above.

**Production installation**

Clone the repo from GitHub

git clone https://github.com/asc-csa/AlouetteApp.git

Instal python 3.8:

* sudo apt-get install software-properties-common
* sudo add-apt-repository ppa:deadsnakes/ppa
* sudo apt-get update
* sudo apt-get install python3.8

Set python 3.8 as the default python3 interpreter (in case other versions were installed previously):

* sudo update-alternatives --install /usr/bin/python3 python3 /usr/bin/python3.8

Install venv:

* sudo apt-get install python3-venv

Make a python 3 virtual environment and activate it:

* python3 -m venv --without-pip PATH\_TO\_APP\_FOLDER/alouette\_app/alouette\_venv
* source PATH\_TO\_APP\_FOLDER/alouette\_app/alouette\_venv/bin/activate

Install the required packages:

* pip install –r requirements.txt

Set environment variable:

* Make sure all the dataset required for both scisat AND alouette are available in the data folder

Run the app:

* python3 run.py

By default the Alouette app will be running at the following port. To change the configured port, modify the last line of code in app.py

* app.run\_server(debug=False, host='0.0.0.0', port=8888)

<http://localhost:8050/>