**Stone Soup Documentation:** <https://stonesoup.readthedocs.io/en/latest/>

**Stone Soup Repository:** <https://github.com/dstl/Stone-Soup>

**Stone Soup Example Notebooks:** <https://github.com/dstl/Stone-Soup-Notebooks>

**HOW TO USE STONE SOUP**

**First Steps:**

1. **Install Anaconda**

* This is a platform which contains packages that will allow you to read and edit files in the Stone Soup repository.
* If you google Anaconda the installation is usually the first result.

1. **Download/Clone the Stone Soup repository.**

* Go to <https://github.com/dstl/Stone-Soup>
* If you want to contribute to the stone soup repository then clone the repository.
* If you just want to use the repository the download the repository.

**Reading Jupyter Notebooks:**

1. **Open Anaconda Navigator**

* This should have been installed with Anaconda.
* This is a user-friendly program which allows you to access different packages.
* Can be accessed through the start menu or start menu search.

1. **Select ‘Jupyter Lab’**

* This is a package that allows you to view Jupyter notebooks i.e files with extension IPYNB.
* It will open a window in your internet browser.

1. **Select the notebook you want to view**

**Note:** In order to get the notebook tutorials to run I had to copy over the ‘stonesoup’ folder from the stone-soup-master repository and put it in the same place as the tutorials. There must be another way to do this, like setting a path or something.

**Using Online Binder Tool:**

**Binder** allows you to create custom computing environments including the ability to view and run Jupyter Notebooks. If Jupyter Lab is not working then this is a good second option!.

1. **Go to Stone Soup notebooks page.**

* <https://github.com/dstl/Stone-Soup-Notebooks>

1. **Scroll to the bottom of the page and click ‘launch binder’**

**Constructing Trackers:**

**Tips:**

1. **Consult the Data flows diagram**

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Description automatically generated**

* This can be found in the ‘data flows’ section of the Stone Soup documentation.
* This outlines the high-level block diagram interfaces that are available to us, and where data needs to be at a given time.

1. **Consult the Component Interfaces Section**

* This can be found in the ‘Component Interfaces’ section of the Stone Soup documentation.
* These are generic classes that the internal framework is based upon.

1. **Consult the Stone Soup Framework Section**

* This can be found in the ‘Stone Soup Framework’ section of the Stone Soup documentation.
* These are all of the actual components that can be used inside these classes.