μCats Installation

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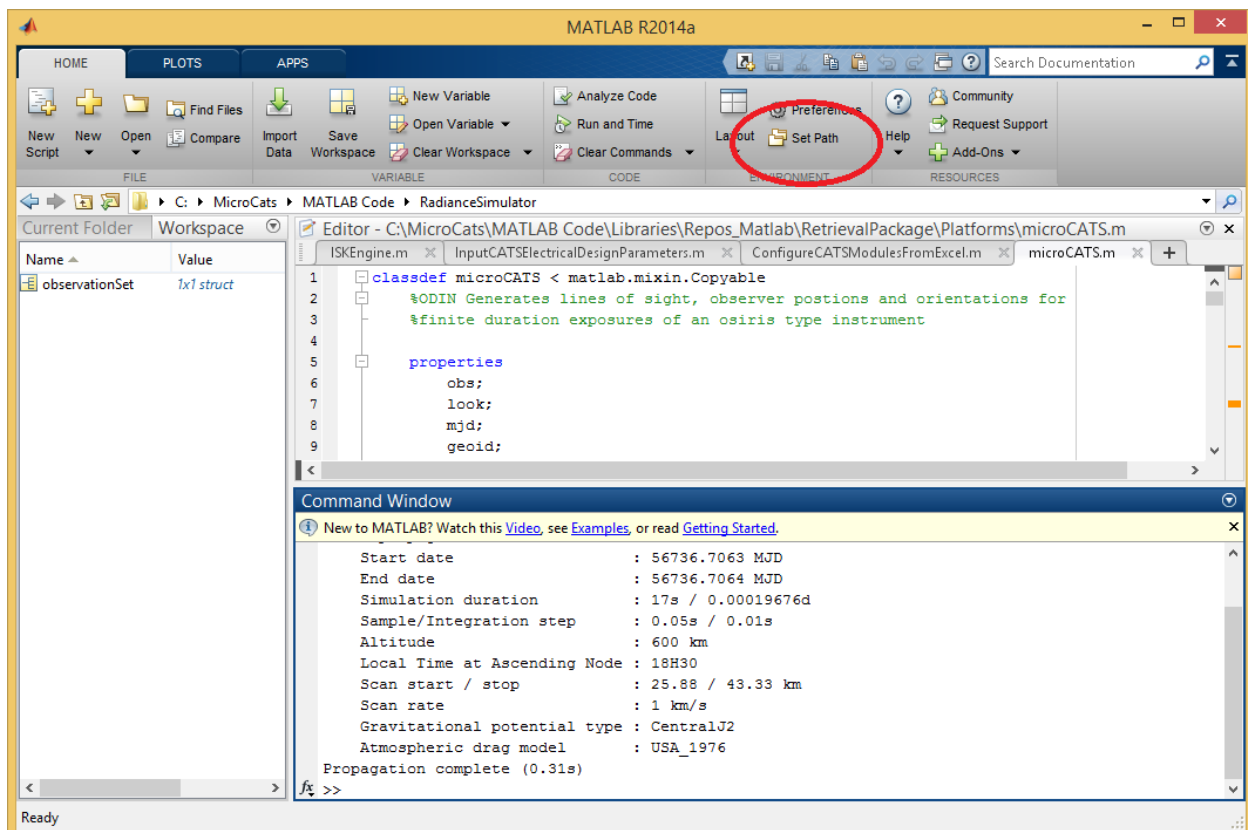2015-03-18

Installation

1. Install Visual Studio C++ 2012 redistributables once only.
2. Install USASK SasktranIF radiative transfer code
3. Install USASK μCats code.
4. You are allowed to change the installation path but we assume it is C:\MicroCats\ in the rest of this document.
5. All links are available at the USASK-ARG website
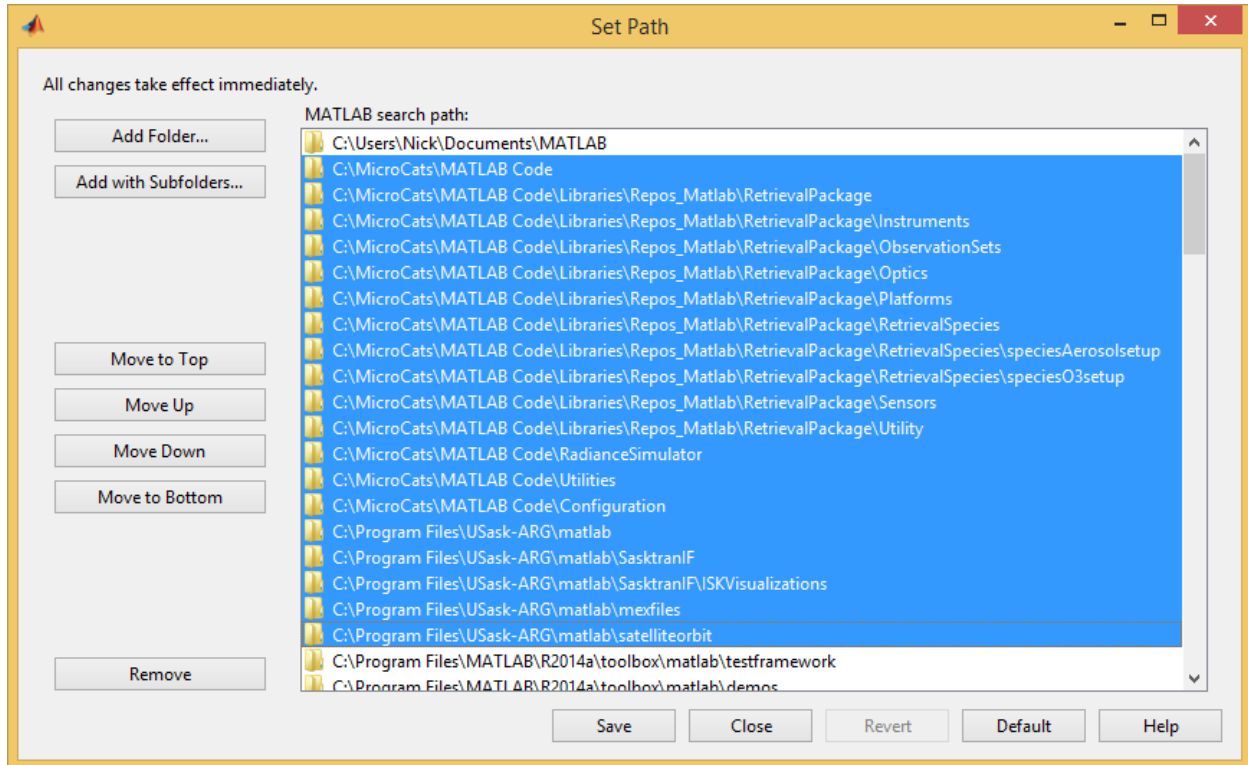6. Update Matlab Path:

Matlab Setup

Open Matlab and select SetPath

Change the Matlab path to **Add with Subfolders**

1. C:\MicroCats\Matlab Code
2. C:\Program Files\USask-ARG\matlab

It should look like below. It is okay if there are a few extra sub-folders but this is all you need to make Matlab work.

Save the path and go to the Matlab prompt.

Matlab Test Program

1. Open Matlab and change the working directory to C:\MicroCats\MATLAB Code\RadianceSimulator
2. Run the command >> [observationSet] = CATSScanSimulator( );
3. It should take between 3 and 10 minutes to run and produce the following three figures