

Quick-Start Installation Guide for `rss_ringoccs`

Richard French, Jolene Fong, Ryan Maquire, & Glenn Steranka
Astronomy Department, Wellesley College, Wellesley, MA 02481 USA

Contact: rfrench@wellesley.edu

May 8, 2018

Important note. This is a “just the facts” installation guide for `rss_ringoccs`, intended for advanced users. For other users, please consult the *Beginner’s Guide to rss_ringoccs* for more detailed and descriptive installation instructions.

1. System requirements

The `rss_ringoccs` distribution has been tested on the following systems: (Table here from the *Beginner’s Guide to rss_ringoccs*)

Cassini RSS raw data files are very large, and we recommend that `rss_ringoccs` be installed on a large-capacity disk drive (1 TB or larger).

2. Install Python 3

`rss_ringoccs` has been tested under both Python 2.x and Python 3.y, but we strongly recommend that users install Python 3, since Python 2.x will not be supported after 20xx.

Install the following required Python packages, here illustrated using `pip`:

```
pip install matplotlib
```

3. Download, install, and test `spiceypy`

4. Download the `rss_ringoccs` repository from GitHub

5. Run initial tests of `rss_ringoccs`

6. Download additional JPL/NAIF kernels

7. Download additional RSS raw data files

8. **Additional tests of `rss_ringoccs`**

9. **Questions?**

post to GitHub or contact Richard French: rfrench@wellesley.edu