

Notes on the installation of R and 'astrochron'

These notes provide information on how to download and install the R software, and the R package 'astrochron'. It is important to have the latest version of R, so please upgrade if you have an older version.

(1) Download **R** from <http://www.r-project.org>

- Select a CRAN mirror site, then you will come to the download page.
- Download the most recent 'precompiled binary' (top of the webpage)

NOTE: for Windows, this binary will be located in the directory 'base'

(2) Click on the downloaded file to install, and follow the instructions. When installing, use all defaults.

(3) Start R by clicking on the R icon.

(4) Install the 'astrochron' library.

For MAC:

- Go to 'Packages & Data' menu, then 'Package Installer'
- Choose 'Cran (binaries)'
- Click 'Get List', then choose a mirror
- Under 'Package Search' type 'astrochron'
- Install 'At System Level (in R framework)'
- Click on 'Install Dependencies'
- Then click 'Install Selected'

For Windows:

- Go to 'Packages', then 'Install Package(s)'
- Choose your CRAN mirror
- Find and install package 'astrochron'
- Also find and install packages 'multitaper', 'IDPmisc', 'fields', 'doParallel', 'iterators' and 'foreach' (if they aren't automatically installed)

(5) You'll need to load the 'astrochron' package each time you restart R.

Load the 'astrochron' package by typing:

```
library(astrochron)
```

(6) To see what's inside the 'astrochron' package type:

```
?astrochron
```