

Unison File Synchronizer

Introduction

[Unison](#) is a cross-platform and robust file synchronisation tool. Version 2.13.16 of Unison is installed on both file servers `russe.l.inf.unibz.it` and `actarus.inf.unibz.it`.

Links

- [Unison user manual](#)
- [Unison Wiki](#)
- [Unison File Synchronizer: Liberation through Data Replication](#) is an excellent introduction to Unison

Installation and Use

MacOS X

- Install Unison using [MacPorts](#) (former DarwinPorts). See http://www.macgeekery.com/gspot/2006-07/complete_bi_directional_home_sync_and_backup_with_unison for a short tutorial on installing unison.
- Unison wiki has a specific section on [unison and OSX](#)

Tips and Tricks

- You should use `ssh` to connect to the server, by specifying one of the roots as `ssh://stessaris@russe.l.inf.unibz.it/home` folder. To discover the exact path of your home folder you can connect to the server via `ssh` and type `pwd` on the command line. E.g. my unison configuration file contains the line

```
root = ssh://stessaris@russe.l.inf.unibz.it//home/professors/stessaris
```

- Under some circumstances Excel modifies its files without changing the timestamps. Obviously, this confuses file synchronization tools. If you get an error on an excel file you can fix it by updating the timestamp of the file with the command line `touch filename` and running unison again.

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