

File Transfer Protocol Alternative

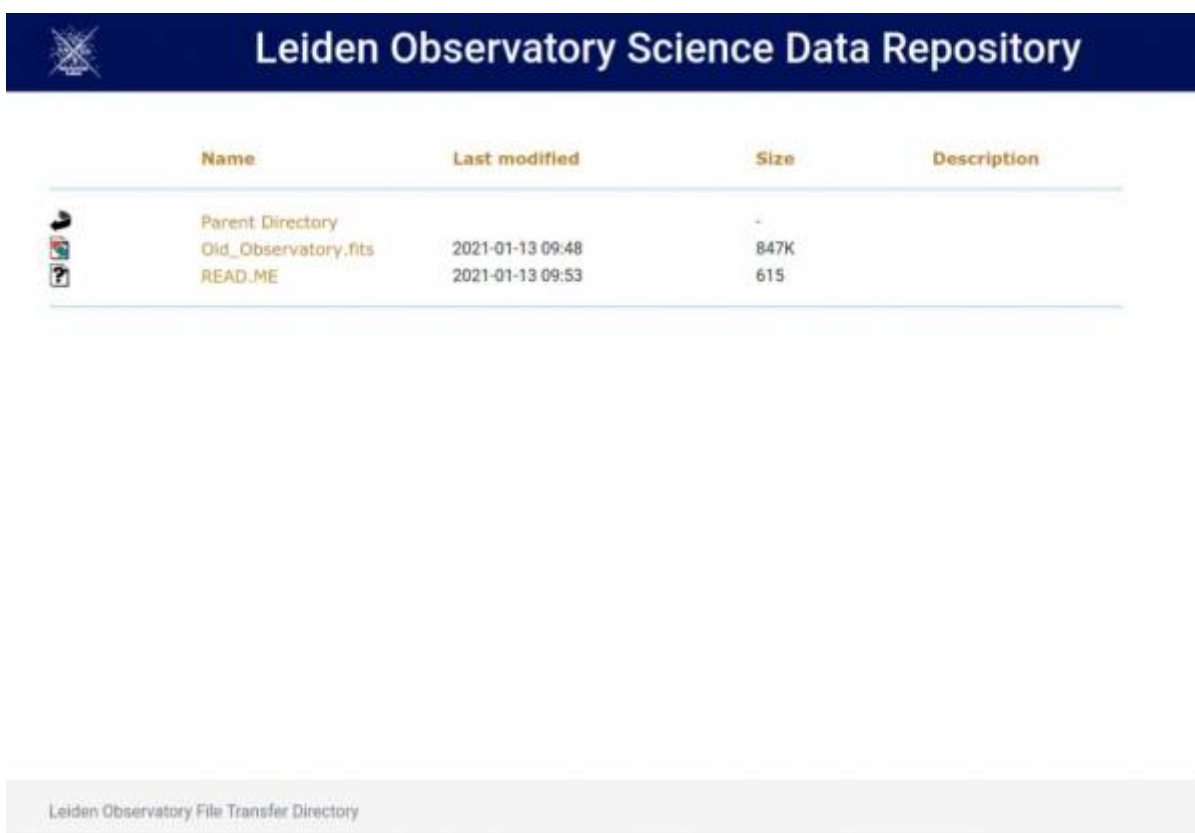
Sharing Science Data

Because the old FTP protocol and the associated [anonymous ftp](#) login are deemed High Security Risks within the University, we had to dismantle this functionality from our systems. So there is no anon-ftp access to the /disks/ftphome/pub directory structure any more.

However, we have created a more secure form of sharing your science data with your collaborators through an https based WEB service. So you can still easily share your public data with others. It works as follows:

You create (or already have it) a directory in the public NFS share /disks/ftphome/pub, e.g. ED_science_data, and you put the files you want to share in this directory. Make sure the files are world readable (use the command line tool: `chmod 644 <filename>`). If you created subdirectories, then these must be world readable and executable (using the command: `chmod 755 <directory>`).

Now you tell your collaborator(s) to get the files from the URL: https://ftp.strw.leidenuniv.nl/ED_science_data. When they open this URL they get a directory listing with the file contents.



The screenshot shows the Leiden Observatory Science Data Repository directory listing. The header is a dark blue bar with the text "Leiden Observatory Science Data Repository" and a logo on the left. Below the header is a table with four columns: Name, Last modified, Size, and Description. The table lists three items: "Parent Directory" (a directory icon), "Old_Observatory.fits" (a FITS file icon, 847K, last modified 2021-01-13 09:48), and "READ.ME" (a text file icon, 615 bytes, last modified 2021-01-13 09:53). At the bottom of the screenshot, there is a light gray bar with the text "Leiden Observatory File Transfer Directory".

Name	Last modified	Size	Description
Parent Directory		-	
Old_Observatory.fits	2021-01-13 09:48	847K	
READ.ME	2021-01-13 09:53	615	

Clicking the filename downloads the file.

However, your collaborators could also use the command line tool `wget`. So to download the `READ.ME` file they would use the command:

```
wget https://ftp.strw.leidenuniv.nl/ED_science_data/READ.ME
```

But `wget` has nice additional functionality, e.g. you can download the full directory content (and subdirectories) in one go by using:

```
wget -r https://ftp.strw.leidenuniv.nl/ED_science_data
```

This last command will also download the required additional files to 'allow showing' the WEB page, but those can be easily weeded out.

From:

<https://helpdesk.strw.leidenuniv.nl/wiki/> - **Computer Documentation Wiki**

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