



the ADAPTmap project

an International coordination effort for genotyping and re-sequencing projects of goat breeds

ADAPTmap exchange server version 2.0

A simple multi-platform user guide to connect to the exchange area



Latest update:

February 1st, 2014

Disclaimer:

This guide is for internal ADAPTmap use only. However, you're allowed to copy, print and distribute any part of this guide, but under your own responsibility (I've used a few suggestions from random websites as well).

This guide was written to help ADAPTmap partners to get connected to the project exchange server and share data. There might be big language mistakes, a hopefully only small technical mistakes. For questions/comments/bug /English report, please contact me at: ezequiel.nicolazzi@tecnoparco.org or on skype (nickname: Katalobo).

Data transfer using FileZilla

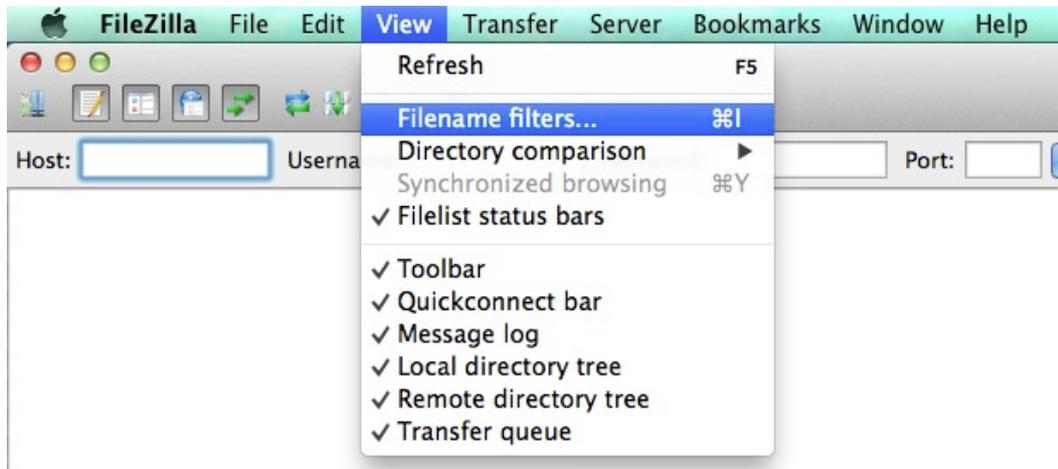
We have simplified very much the way data will be transferred within ADAPTmap. You'll take more time reading this than actually getting connected! We're now using a dedicated SFTP server. Apart from technicalities, you'll be able to connect pretty easily using any SFTP client. Here we explain the "how to" for FileZilla, but you can use your own client, if you like. Why FileZilla? Because it is a very nice GUI, free, easy to use and multiplatform (e.g. it works on Windows, Linux and Mac).

Start using FileZilla:

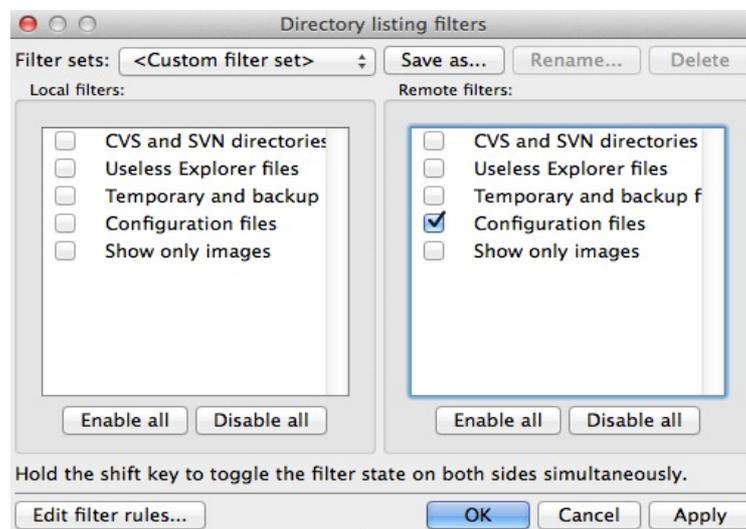
Download FileZilla for your operating system (<https://filezilla-project.org>), and install it. Once installed, please follow these three simple steps:

STEP 1 This step is more a technicality to protect you ... from yourself. As you'll be connecting to a server that is Linux, you'll see a lot of files with a starting dot (.bash, .bahsrc, .bash_profile, etc...). In order to have your screen free from these files (you should NEVER change or erase these), there is a simple way.

Go to VIEW → Filename filters....



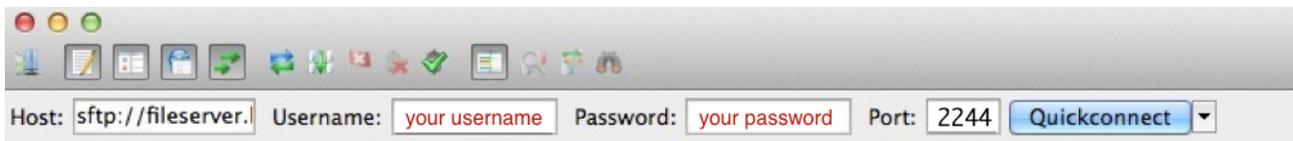
and then exclude the "Configuration files" in the Remote filters section, by clicking in the option box, and "Apply".



STEP 2) Once you are ready to start the uploading of your data and downloading the dataset, (only AFTER you have signed your MTA with ADAPTmap!!), send an email to ezequiel.nicolazzi@tecnoparco.org or adaptmap@tecnoparco.org in order to get your username and password.
Please indicate

STEP 3) Once you receive your credentials, you can open a new connection by entering, directly on the Host bar (see picture below) the following specifics:

Host:	sftp://fileserver.bioinformatics.tecnoparco.org
Username:	<your username - The one I sent you in step 2>
Password:	<your password - The one I sent you in step 2>
Port:	2244

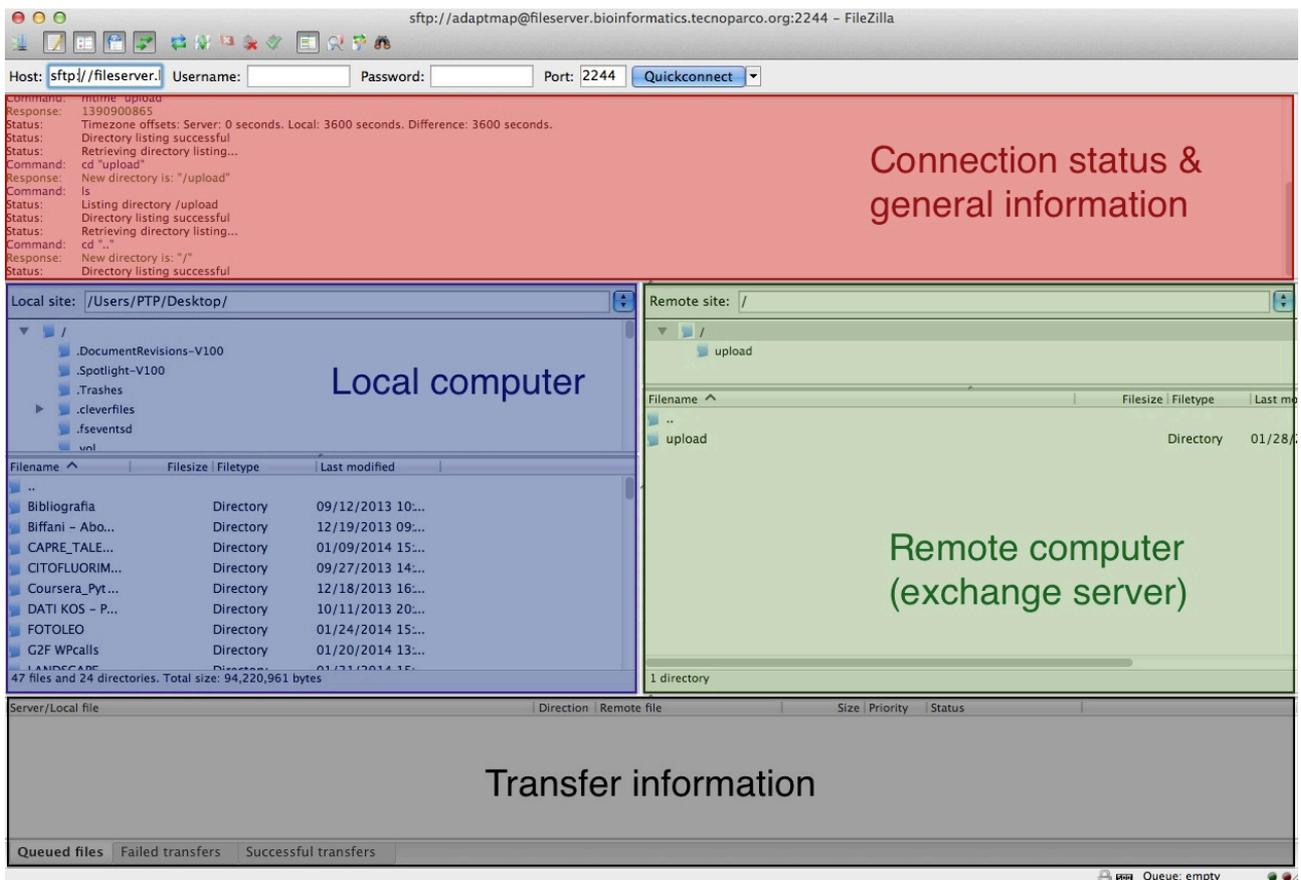


After entering all the specifics, just clicking on QuickConnect should do the trick!

NOTE: The port chosen is a non-standard port (e.g. the one that usually your browser uses). This was chosen for security reasons. However, in some universities/institutions this could create some problems connecting. If you are 100% you entered the right hostname, user, password and port and you cannot connect, please contact your sys admin to ask them to open this specific port for you (or put them in contact with us!).

Once you get connected, FileZilla is pretty straightforward to use. Essentially, the screen is divided in 4 parts (see picture below):

- A) Connection status and general information (RED). Once you start a connection, you'll see a lot of stuff going on in there. It's always a good idea to have a look at the information in there.
- B) Local computer (BLUE). Your folders, this is your (local) computer folders.
- C) Remote computer (GREEN). Once you get connected to ADAPTmap server, the ADAPTmap information already available will show up in here.
- D) Transfer information (BLACK). Once files start being transferred from the server, you'll see what is being transferred and a progress bar will help you estimating the time needed.



Please note that you are not able to do any harm (other than delete someone else's files) even if you try hard. Don't worry. All the information in this server is backed up daily, and you don't have access to any other folders than the one I mount specifically in there.

In any case, please, don't try hard doing any harm!!! ☺

How to copy files from / to the exchange server:

- First of all, make sure your files are recognizable: include your project name or your own, but please let us know who's uploading what!
- Zipped files named after the project, containing genotypic, phenotypic and picture information are welcome.
- Be sure pictures are named after the samples, and that samples in geno-pheno-picture files are named consistently (note that we'll probably rename samples using an across-project/country consistent ID).
- Also be sure you respect data formats required. For more information please see: <http://www.goatadaptmap.org/dataformat-rules>

To copy any file **from the server** you just have to drag&drop the file/folders and put it anywhere in your (local) computer (from green to blue).

To copy any file **from your computer** to the server, drag&drop the file/folders inside **the "upload" folder**. Please note that that is the only place where you can upload files. All the other files are managed by PTP. Once you drop your file(s) to the upload folder, I will receive

an email and will move it to our servers as soon as possible, linking it back to the folder (e.g. protecting it from accidental deletion).

For further information, please see FileZilla user manual.

Have a nice connection, and may the goat force be with you!

The goat ADAPTmap team.