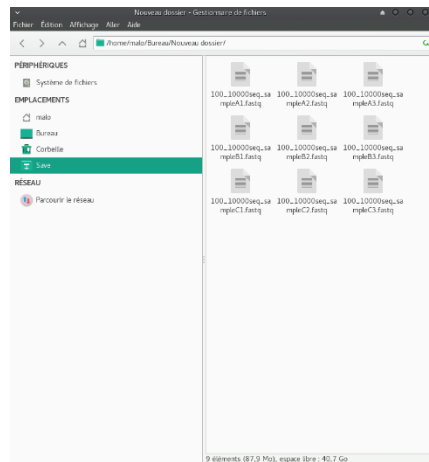


How to put your data on
genotoul server

Objectives: Transfer your files to your Genotoul account and link the file to Galaxy



genotoul



Objectives: Transfer your files to your Genotoul **with Filezilla**

- Open the data directory on your desktop.
- Launch Filezilla.
 - Filezilla is a FTP client *i.e.* can transfer files to a distant server.
 - You can download it on : <https://filezilla-project.org/>





Host: Username: Password: Port: Quickconnect

Connection

Local site: /home/malo/Bureau/Nouveau dossier/

- /
- bin

Filename	Filesize	Filetype	Last modified
..			
100_10000seq_sample.tar.gz	4,773,706	gz-file	06/28/2017 05:...
sampleA_R2.fastq	66,157,532	fastq-file	06/27/2017 10:...
sampleA_R1.fastq	66,157,532	fastq-file	06/27/2017 10:...
100_10000seq_sampleC3.fastq	9,714,424	fastq-file	06/16/2015 10:...
100_10000seq_sampleC2.fastq	9,714,107	fastq-file	06/16/2015 10:...
100_10000seq_sampleC1.fastq	9,716,445	fastq-file	06/16/2015 10:...
100_10000seq_sampleB3.fastq	9,707,364	fastq-file	06/16/2015 10:...
100_10000seq_sampleB2.fastq	9,707,921	fastq-file	06/16/2015 10:...
100_10000seq_sampleB1.fastq	9,709,480	fastq-file	06/16/2015 10:...
100_10000seq_sampleA3.fastq	9,859,424	fastq-file	06/16/2015 10:...
100_10000seq_sampleA2.fastq	9,863,209	fastq-file	06/16/2015 10:...
100_10000seq_sampleA1.fastq	9,862,292	fastq-file	06/16/2015 10:...

12 files. Total size: 224,943,436 bytes

Your PC

Remote site:

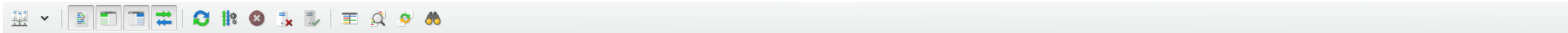
Filename	Filesize	Filetype	Last modified	Per
Not connected to any server				

Not connected.

The server

Server/Local file	Direction	Remote file	Size	Priority	Status
Upload advancement					

Queued files Failed transfers Successful transfers



Host: Username: Password: Port: Quickconnect

Status: retrieving directory listing of /home/mlebo...
Status: Listing directory /work/mlebo...
Status: Directory listing of "/work/mlebo... successful
Status: Retrieving directory listing of "/work/mlebo.../Formation"...
Status: Listing directory /work/mlebo.../Formation
Status: Directory listing of "/work/mlebo.../Formation" successful
Status: Deleting 2 files from "/work/mlebo.../Formation"
Status: Disconnected from server

Local site: /home/malo/Bureau/Data/

- Data
- merged

Filename	Filesize	Filetype	Last modified
..			
temp		Directory	06/29/2017 05:...
multiplex		Directory	06/29/2017 05:...
merged		Directory	06/29/2017 05:...

Browse to the data directory on your desktop.

3 directories

Remote site: /work/mlebo.../Formation

- mlebo...
- Formation

Filename	Filesize	Filetype	Last modified	Per
..				

Empty directory listing

Empty directory.

Server/Local file	Direction	Remote file	Size	Priority	Status
-------------------	-----------	-------------	------	----------	--------

Queued files | Failed transfers | Successful transfers (2)

The screenshot displays the WinSCP application window. At the top, there is a toolbar with various icons, including the WinSCP icon (a blue folder with a white 'S'). A red arrow points from this icon to a blue callout box that says "To connect to Genotoul click on this icon." Below the toolbar, there are input fields for Hostname, Username, Password, and Port, along with a Quickconnect button. The main area is split into two panes: a local site and a remote site. The local site shows a directory tree with folders like 'Data' and 'merged'. The remote site shows a directory tree with folders like 'mleboulch' and 'Formation'. A status bar at the bottom indicates 'Queue: empty'.

Local site: /home/male...reau/Data/

Filename	Filesize	Filetype	Last modified
..			
temp		Directory	06/29/2017 05:...
multiplex		Directory	06/29/2017 05:...
merged		Directory	06/29/2017 05:...

Remote site: /work/mleboulch/Formation

Empty directory listing

3 directories

Empty directory.

Server/Local file | Direction | Remote file | Size | Priority | Status

Queued files | Failed transfers | Successful transfers (2)

Queue: empty

- Host: genologin.toulouse.inra.fr
 - Port: 22
 - Protocol: SFTP
 - User: your Genotoul login
 - Logon Type: Ask for password
 - Click on connect.
-
- Password: your password

The screenshot shows the 'Site Manager' dialog box with the 'General' tab selected. The 'Select Entry' pane on the left shows a tree view with 'My Sites' expanded, containing 'Formation' and 'Genotoul'. The 'Genotoul' entry is selected. The main configuration area contains the following fields:

- Protocol: SFTP - SSH File Transfer Protocol
- Host: genologin.toulouse.inra.fr
- Port: 22
- Logon Type: Ask for password
- User: mleboulch
- Password: (empty field)
- Background color: None
- Comments: (empty text area)

At the bottom of the dialog, there are buttons for 'New Site', 'New Folder', 'New Bookmark', 'Rename', 'Delete', and 'Duplicate'. At the very bottom right, there are buttons for 'Connect', 'OK', and 'Cancel'.

Host: Username: Password: Port: Quickconnect

Status: Connecting to genotoul.toulouse.inra.fr...
Status: Connected to genotoul.toulouse.inra.fr
Status: Retrieving directory listing...
Status: Listing directory /home/mleboulch
Status: Directory listing of "/home/mleboulch" successful

Local site: /home/malo/Bureau/Data/



Filename	Filesize	Filetype	Last modified
..			
temp		Directory	06/29/2017 05:...
multiplex		Directory	06/29/2017 05:...
merged		Directory	06/29/2017 05:...

Double click on work directory to access it.



Remote site: /home/mleboulch



Filename	Filesize	Filetype	Last modified
..			
.recently-used.xbel	4,162	xbel-file	03/30/2017 02:26:33 PM
.viminfo	615	File	02/14/2017 09:59:45 AM
.python_history	542	File	06/01/2017 11:08:10 AM
.bashrc	52	File	02/14/2017 09:59:45 AM
.bash_profile	226	File	05/15/2017 03:39:59 PM
.bash_history	17,308	File	06/23/2017 11:15:47 AM
.Xauthority	4,608	File	06/23/2017 11:15:15 AM
work		Directory	10/21/2016 04:37:06 PM
save		Directory	10/21/2016 04:37:06 PM
AIC-prefs		Directory	02/14/2017 10:04:44 AM
.ssh		Directory	01/10/2017 02:28:16 PM
.pki		Directory	03/30/2017 02:56:02 PM
.pathway-tools		Directory	06/01/2017 10:45:23 PM
.gnome2		Directory	02/01/2017 06:14:17 PM
.gconfd		Directory	03/30/2017 02:26:51 PM
.gconf		Directory	03/30/2017 09:08:21 AM
.dbus		Directory	02/01/2017 06:12:40 PM
.config		Directory	04/25/2017 04:13:46 PM

Selected 1 directory.

Server/Local file

Direction Remote file

Size Priority Status

Queued files Failed transfers Successful transfers

Queue: empty

sftp://mleboulch@genotoul.toulouse.inra.fr - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Status: Deleting 2 files from /work/mleboulch/Formation
Status: Disconnected from server
Status: Retrieving directory listing of "/work/mleboulch"...
Status: Listing directory /work/mleboulch
Status: Directory listing of "/work/mleboulch" successful
Status: Retrieving directory listing of "/work/mleboulch/Formation"...
Status: Listing directory /work/mleboulch/Formation
Status: Directory listing of "/work/mleboulch/Formation" successful

Local site: /home/malo/Bureau/Data/ Remote site: /work/mleboulch/

Data merged

mleboulch Formation

Filename	Filesize	Filetype	Last modified
..		Directory	06/29/2017 05:...
temp			
multiplex			
merged			

3 directories

Empty directory listing

- Download
- Add files to queue
- View/Edit
- Create directory**
- Create directory and enter it
- Create new file
- Refresh
- Delete
- Rename
- Copy URL(s) to clipboard
- File permissions...

Empty directory.

Server/Local file Direction Remote file Size Priority Status

Queued files Failed transfers Successful transfers (2)

Queue: empty

▪ Create new directory with right click > Create directory.

▪ Name it « Formation ».

▪ Go inside this directory next.



sftp://mleboulch@genotoul.toulouse.inra.fr - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Status: Listing directory /home/mleboulch
Status: Directory listing of "/home/mleboulch" successful
Status: Retrieving directory listing of "/home/mleboulch/work"...
Status: Listing directory /work/mleboulch
Status: Directory listing of "/work/mleboulch" successful
Status: Retrieving directory listing of "/work/mleboulch/Formation"...
Status: Listing directory /work/mleboulch/Formation
Status: Directory listing of "/work/mleboulch/Formation" successful

Local site: /home/malo/Bureau/Data/ Remote site: /work/mleboulch/Formation

Local site: /
bin

Filename	Filesize	Filetype	Last modified
..			
temp		Directory	06/29/2017 05:...
multiplex		Directory	06/29/2017 05:...
merged		Directory	06/29/2017 05:...

Remote site: mleboulch
Formation

Filename	Filesize	Filetype	Last modified	Per
..				

Empty directory listing

Selected 1 directory. Empty directory.

Server/Local file	Direction	Remote file	Size	Priority	Status
-------------------	-----------	-------------	------	----------	--------

Queued files Failed transfers Successful transfers

Queue: empty

- Select the temp directory and drag and drop it following the arrow.
- Double click on the merge directory.

Host: Username: Password: Port: Quickconnect

```
Status: Listing directory /work/mleboulch/Formation/temp
Command: put "/home/malo/Bureau/Data/temp/temp2.fastq" "temp2.fastq"
Command: local:/home/malo/Bureau/Data/temp/temp2.fastq => remote:/work/mleboulch/Formation/temp/temp2.fastq
Status: File transfer successful, transferred 2,226,378 bytes in 1 second
Status: File transfer successful, transferred 2,226,378 bytes in 1 second
Status: Retrieving directory listing of "/work/mleboulch/Formation"...
Status: Listing directory /work/mleboulch/Formation
Status: Directory listing of "/work/mleboulch/Formation" successful
```

Local site: /home/malo/Bureau/Data/merged/

▾ Data
 ▾ merged

Filename	Filesize	Filetype	Last modified
..			
100_10000seq_sample.tar.gz	4,773,706	gz-file	06/28/2017 05:...
100_10000seq_sampleC3.fastq	9,714,424	fastq-file	06/16/2015 10:...
100_10000seq_sampleC2.fastq	9,714,107	fastq-file	06/16/2015 10:...
100_10000seq_sampleC1.fastq	9,716,445	fastq-file	06/16/2015 10:...
100_10000seq_sampleB3.fastq	9,707,364	fastq-file	06/16/2015 10:...
100_10000seq_sampleB2.fastq	9,707,921	fastq-file	06/16/2015 10:...
100_10000seq_sampleB1.fastq	9,709,480	fastq-file	06/16/2015 10:...
100_10000seq_sampleA3.fastq	9,859,424	fastq-file	06/16/2015 10:...
100_10000seq_sampleA2.fastq	9,863,209	fastq-file	06/16/2015 10:...
100_10000seq_sampleA1.fastq	9,862,292	fastq-file	06/16/2015 10:...

Selected 1 file. Total size: 4,773,706 bytes

Server/Local file

Dire

Queued files | Failed transfers | Successful transfers (2)

Remote site: /work/mleboulch/Formation

▾ mleboulch
 + ▾ Formation

Filename	Filesize	Filetype	Last modified	Per
..				
temp		Directory	06/29/2017 06:01:32 PM	drw

- Select the 100_10000seq_sample.tar.gz file and drag and drop it following the arrow.
- Double click on the merge directory.



Host: Username: Password: Port: Quickconnect

Status: Directory listing of "/work/.vle" successful
Status: Retrieving directory listing of "/work/BPMP" ...
Status: Listing directory /work/BPMP
Status: Directory listing of "/work/BPMP" successful
Status: Retrieving directory listing of "/work/mlebeurier2" ...
Command: cd "/work/mlebeurier2"
Error: Directory /work/mlebeurier2: permission denied
Error: Failed to retrieve directory listing

Local site: /home/malo/Bureau/Data/merged/ Remote site: /work/mleboulch



Filename	Filesize	Filetype	Last modified
100_10000seq_sampleB1.fastq	9,709,480	fastq-file	04/04/2018 10:...
100_10000seq_sampleC2.fastq	9,714,107	fastq-file	04/04/2018 10:...
100_10000seq_sampleC3.fastq	9,714,424	fastq-file	04/04/2018 10:...
100_10000seq_sampleC1.fastq	9,716,445	fastq-file	04/04/2018 10:...
100_10000seq_sampleA3.fastq	9,859,424	fastq-file	04/04/2018 10:...
100_10000seq_sampleA1.fastq	9,862,292	fastq-file	04/04/2018 10:...

Filename	Filesize	Filetype	Last modified	Permis
...		Directory	06/08/2018 11:19:08 AM	drwxr->
...		Directory	03/14/2018 02:21:50 PM	drwxr->
...		Directory	03/13/2018 11:50:00 AM	drwxr->
...		Directory	03/09/2018 04:09:45 PM	drwxr->
...		Directory	03/06/2018 04:25:02 PM	drwxr->
...		Directory	03/06/2018 01:24:27 PM	drwxr->
...		Directory	02/28/2018 03:48:40 PM	drwxr->
...		Directory	02/28/2018 03:47:01 PM	drwxr->
...		Directory	02/28/2018 09:29:46 AM	drwxr->
...		Directory	10/30/2017 05:07:06 PM	drwxr->
...		Directory	06/30/2017 04:26:59 PM	drwxr->

- Download
- Add to queue
- Create directory
- Create directory and enter it
- Delete
- Rename
- Copy URL(s) to clipboard
- File Attributes...**

Select your work directory.

Right click on it and click on File Attributes.

Change file attributes

Please select the new attributes for the directory "Formation".

Owner permissions

<input checked="" type="checkbox"/> Read	<input checked="" type="checkbox"/> Write	<input checked="" type="checkbox"/> Execute
--	---	---

Group permissions

<input checked="" type="checkbox"/> Read	<input type="checkbox"/> Write	<input checked="" type="checkbox"/> Execute
--	--------------------------------	---

Public permissions

<input checked="" type="checkbox"/> Read	<input type="checkbox"/> Write	<input checked="" type="checkbox"/> Execute
--	--------------------------------	---

Numeric value:

You can use an x at any position to keep the permission the original files have.

Recurse into subdirectories

Apply to all files and directories

Apply to files only

Apply to directories only

- Check that all boxes for execute and read are checked.
- Recurse this action to all files and subdirectories.
- That allows Galaxy to access your files on Genotoul.
 - Click on Ok.