FileZilla detailed configuration

Configuració detallada del FileZilla (en Català)

On this page we explain step by step with screenshots how to configure the program FileZilla to access our data server and download your spectra. FileZilla is an FTP client with a graphical interface, and is available for Windows, Mac OS X and Linux.

These instructions are intended for users who are not familiar with FileZilla configuration. If you are a regular user of the program you can try using the short setup instructions on the *How to recover your data* page.



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FileZilla allows you to configure Catalan and Spanish as the program's interface languages. Despite this possibility, in the following instructions we have used the texts and screenshots of the English version. In any case, the equivalence should be obvious.

Download and install

First of all you will have to download the most current version for your operating system (Windows, Mac OS X, or Linux) and install it according to the instructions available on the program website.

As of February 2024, the most current version is 3.66.4, but since new versions come out quite often, you'll likely find a newer version to download and install.

It is highly recommended that you keep the program updated for security reasons. When the program detects that there is a new version, it will offer you to download and install it. We recommend that you update it before continuing with the download of your data. The update is a quick process, it does not affect your current settings, and once completed, the program will open and let you continue connecting and downloading data.

General configuration of the program

Once the FileZilla Client has been installed, before you can connect, you must

- check the general configuration of the program; and
- in the **"Site Manager"** you will have to create an *account* for our data server, where you will have to configure the connection parameters according to the instructions below.

To open the settings window for the program's general configuration options, click $Edit \rightarrow Settings$



In Connection \rightarrow FTP select the transfer mode Passive, which is the one used by our server,

Settings	×
Select page:	Transfer Mode Pa <u>s</u> sive (recommended) Cactive Allow <u>f</u> all back to other transfer mode on failure If you have problems to retrieve directory listings or to transfer files, try to change the default transfer mode.
SFTP	ETD Koop alive

and in Connection \rightarrow FTP \rightarrow Passive mode select the option Use the server's external IP address instead to avoid problems with our firewall,

Settings	×
Select page:	Passive mode Some misconfigured remote servers which are behind a router, may reply with their local IP address. Quee the server's external IP address instead Casall back to active mode

In Transfers \rightarrow File Types select Binary as default transfer type,

Settings		×
Select page:	Default transfer type: <u>Auto</u> A <u>S</u> CII <u>Binary</u>	
Passive mode FTP Proxy SFTP	Automatic file type classification	

and uncheck the options Treat files without extension... and Treat dotfiles as....

Select <u>p</u> age:	Default transfer type:	
100	1 T	
. ⊡. File editing	Treat files without extension as ASCII file	
OK	Treat dotfiles as ASCII files	

If you do not set these last two options correctly, the files containing the acquired data (*fid* and *ser*) as well as the transformed and processed data (*1r*, *1i*, *2rr*, *2ii*, ...) will be transferred incorrectly and you will lose the information they contain.

Finally, in Language choose the interface language you prefer,

Settings	×
Select page: Generic proxy Transfers File Types File exists action Themes Date/time format Filesize format File lists Canguage File edition File view associations Update Check Logging Debug	Language Select language: Default system language Arabic (ar) Armenian (hy) Basque (eu_ES) Bulgarian (bg_BG) Catalan (ca) Chines (Simplified) (zh_CN) Croatian (hr) Czech (cs_CZ) Danish (da_DK) Dutch (nl) English (en) Estonian (et_EE) Farsi (fa_IR) Finnish (fi_FI) French (fr) Galician (gl_ES) Georgian (ka) German (de) Greek (el)
Cancel	If you change the language, you should restart FileZilia.

and press the OK button to save your changes and exit the *Settings* window.

Configuració de la connexió

Per tal de no haver d'entrar cada els paràmetres de la connexió cada cop que et vulguis connectar al nostre servidor, és molt recomanable crear un compte pel nostre servidor al *Site Manager* (Gestor de llocs) del FileZilla Client, i configurar i guardar els paràmetres de connexió en aquest compte.

Per accedir al *Site Manager* pots fer-ho a través del menú *File* \rightarrow *Site Manager* (o directament amb Ctrl+S),



o prement el botó de més a l'esquerra a la barra de botons,



A la finestra Site Manager,

Site Manager		x
Select Entry:	General Advanced Transfer Settings Charset	
ivity sittes	Host:	
	Protocol: FTP - File Transfer Protocol	
	Encryption: Use plain FTP	-
	Liser	
	Password:	
	Account:	-
	Comments:	
New Site > New Falder	-	•
		-
<u>D</u> elete Copy		
<u>C</u> onnect	OK Cancel	

prem el botó <u>New Site</u> per crear un lloc nou. A l'arbre *My Sites* apareixerà un nou node amb el nom provisional *New site*

Site Manager		×
Select Entry:	General Adv Host: Pro <u>t</u> ocol: Encryption:	vanced Transfer Settings Charset Port: FTP - File Transfer Protocol Use plain FTP

que pots editar i canviar per quelcom més informatiu com, per exemple, SeRMN-UAB data server

Select Entry:	General	Adv	vanced Transfer Settings Charset
SeRMN-UAB data server	<u>H</u> ost:		Port:
	Pro <u>t</u> ocol:		FTP - File Transfer Protocol
	Encryptic	on:	Use plain FTP

A mitjans de 2022 **vàrem canviar el número de port del servidor FTPS de 21 a 990** per tal de fer servir el número de port oficial per aquest protocol:

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Port 990 Details

Service: ftps Details: FTPS Protocol, FTP over TLS/SSL (IANA official) uses ports 989 and 990. https://www.speedguide.net/port.php?port=990

A la pestanya General entra els següents valors:

- Host: sermn.uab.cat
- Port: 990 (no es pot deixar en blanc)
- Protocol: FTP File Transfer Protocol
- Encryption: Require explicit FTP over TLS

i defineix el tipus de compte i credencials d'accés. Si aquest és un ordinador d'ús exclusiu pels membres del grup de recerca, configura'l amb

- Logon Type: Normal
- User: el *username* del teu grup (demana'l al teu cap de grup o algun membre sènior)
- Password: la contrasenya del teu grup (demana-la-hi al teu Cap de grup o algun membre sènior)

General Ad	vanced Transfer Settings Charset		
Host:	sermn.uab.cat <u>P</u> ort:		
Pro <u>t</u> ocol:	FTP - File Transfer Protocol 🔹		
Encryption:	Require explicit FTP over TLS		
Logon Type:	Normal		
<u>U</u> ser:	<your_user_name></your_user_name>		
Pass <u>w</u> ord:	•••••		
Account:			
Comments:			
	*		
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Si aquest és un ordinador compartit amb altres grups o persones, fes que el *Logon Type* sigui *Interactive* de forma que el FileZilla demani el nom d'usuari i contrasenya cada cop que algú es vulgui connectar. Amb això les teves dades, i dels membres del teu grup de recerca, estaran més protegides.

General	Advanced	Transfer S	ettings	Charset	
Host:	sermn	.uab.cat		Port:	
Pro <u>t</u> ocol:	FTP -	FTP - File Transfer Protocol 🔹			
Encryptio	n: Requi	Require explicit FTP over TLS 🔹 🔻			•
<u>L</u> ogon Ty	pe: Intera	active			•
<u>U</u> ser:					
Pass <u>w</u> ord	d:				
Account:					
Co <u>m</u> ment	ts:				
					*
					-

Els valors per defecte a les pestanyes *Advanced*, *Transfer Settings* i *Charset* ja són els correctes, i no cal canviar res, però si vols, a la pestanya *Transfer Settings* pots canviar el *Transfer mode* a *Passive*

General Advanced Transfer Settings Charset	General Advanced Transfer Settings Charset	General Advanced Transfer Settings Charset
Server Type: Default (Autodetect) Bypass proxy Default local directory: Browse Default remote directory:	Iransfer mode: Default C Active Passive Unit number of simultateous connections Maximum number of connections:	The server uses following charset encoding for tenames:
Use synchronized browsing Adjust server timezone offset: 0 ▲ Hours, 0 ✓ Minutes		Using the wrong charset can result in filenames not displaying properly.

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Prémer el botó Ok per guardar la configuració i sortir de la finestra Site Manager

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Site Manager	X
Select Entry:	General Advanced Transfer Settings Charset The server uses following charset encoding for filenames: Autodetect Use UTF-8 if the server supports it, else use local charset. Force UTF-8 Use gustom charset Encoding: Using the wrong charset can result in filenames not displaying properly.
New Site New Eolder New Bookmark Rename Delete Copy	
Connect OK Cancel	

Exemple de sessió per transferir dades

Ara que tens el programa configurat, pots provar a connectar-te i transferir dades seguint les instruccions descrites a la pàgina d'informació general.

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