

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.



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.

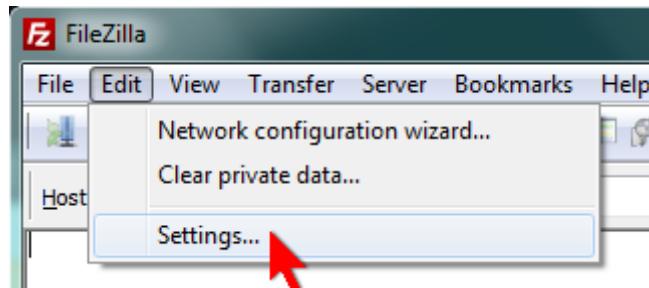
It is highly recommended that you keep the program updated for security reasons. When the program detects that there is a new version, it will offer you to download and install it. We recommend that you update it before continuing with the download of your data. The update is a quick process, it does 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

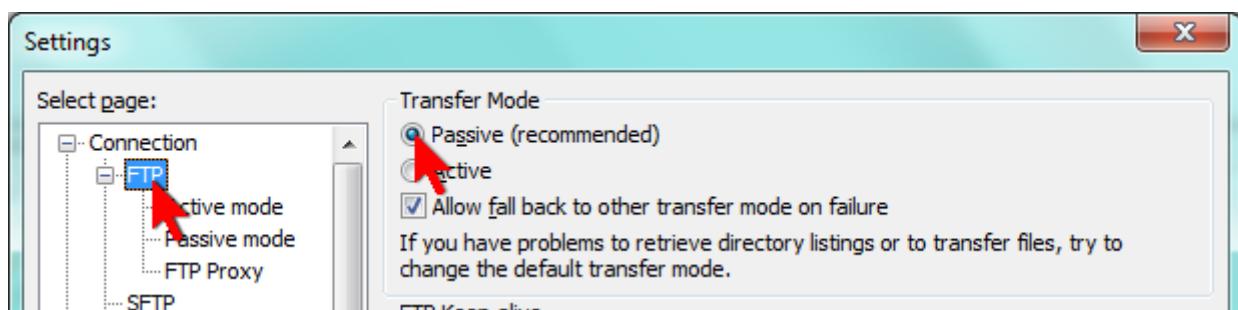
Once the FileZilla Client has been installed, before you can connect, you must

- 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.

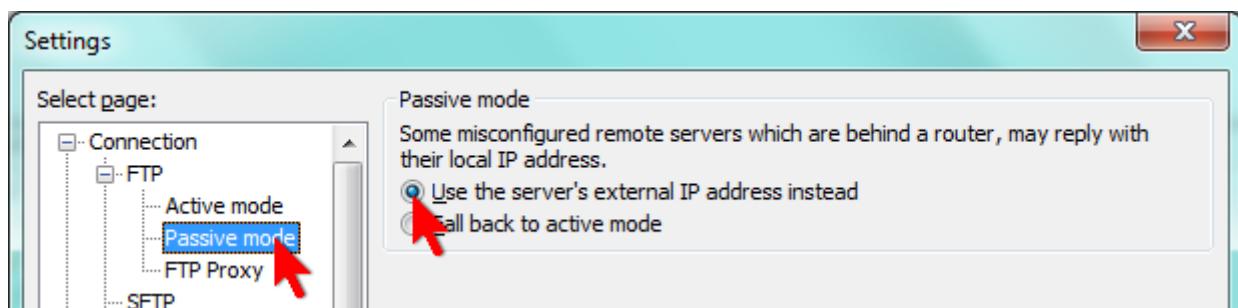
To open the settings window for the program's general configuration options, click *Edit → Settings*



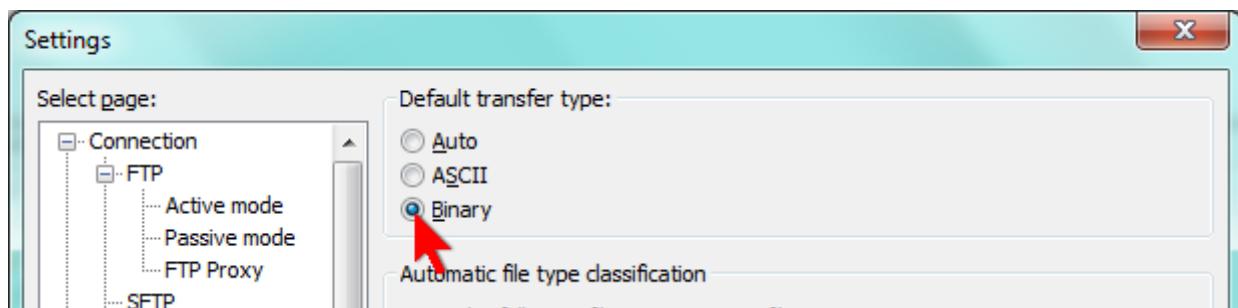
In *Connection → FTP* select the transfer mode *Passive*, which is the one used by our server,



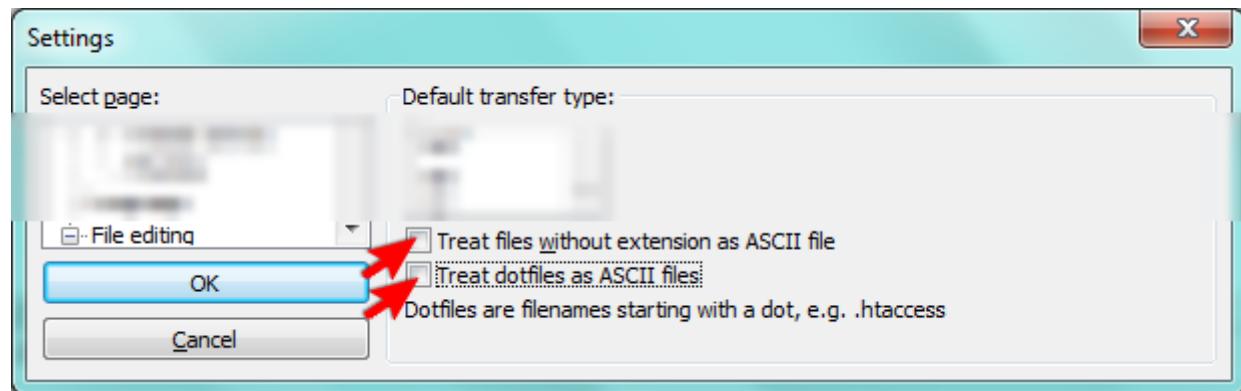
and in *Connection → FTP → Passive mode* select the option *Use the server's external IP address instead* to avoid problems with our firewall,



In *Transfers → File Types* select *Binary* as default transfer type,

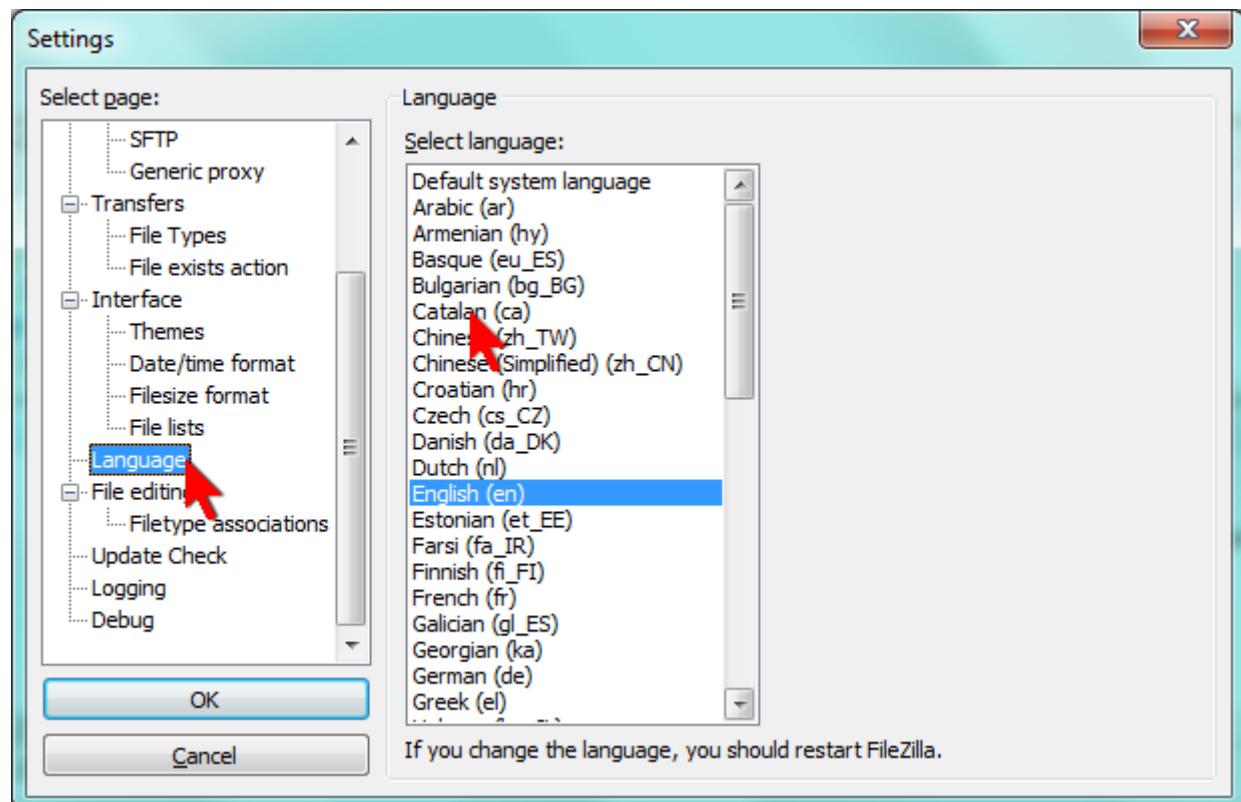


and **uncheck** the options *Treat files without extension...* and *Treat dotfiles as...*



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,

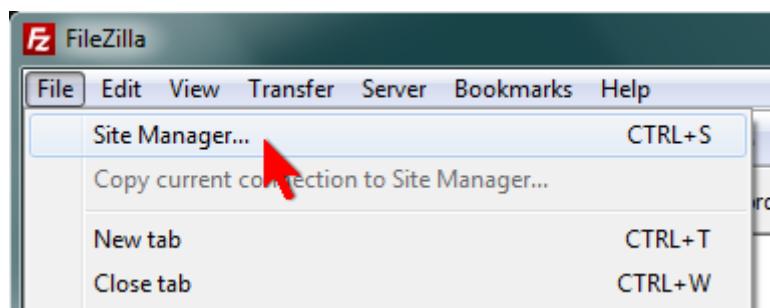


and press the **OK** button to save your changes and exit the *Settings* window.

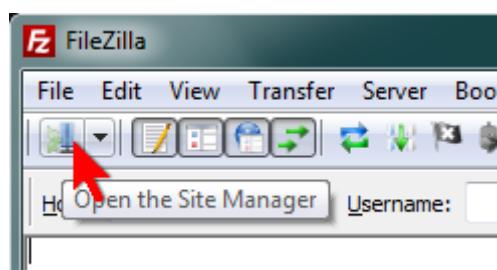
Configuració de la connexió

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.

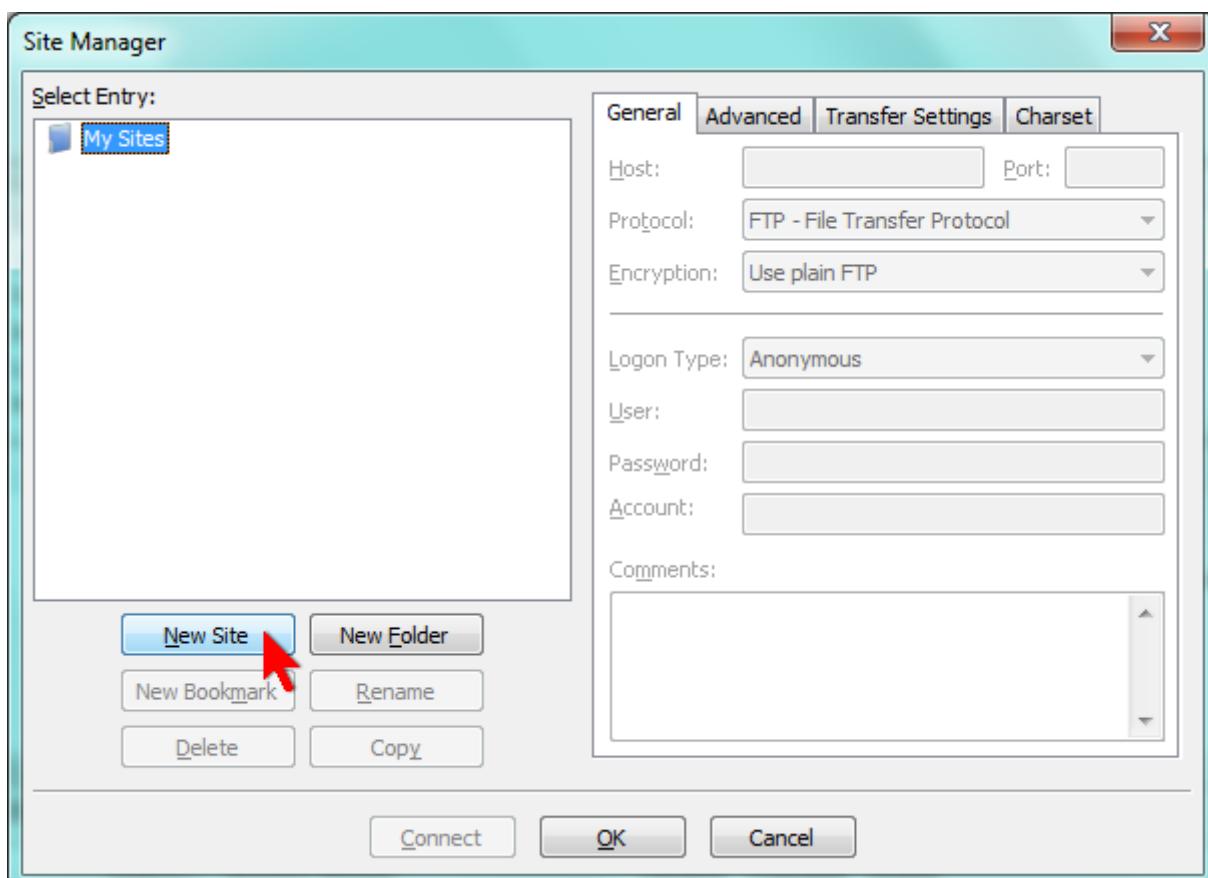
Per accedir al *Site Manager* pots fer-ho a través del menú *File* → *Site Manager* (o directament amb **Ctrl+S**),



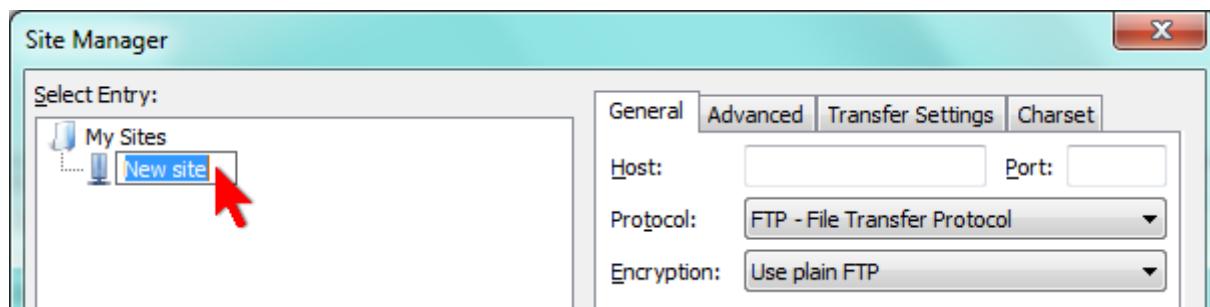
o prement el botó de més a l'esquerra a la barra de botons,



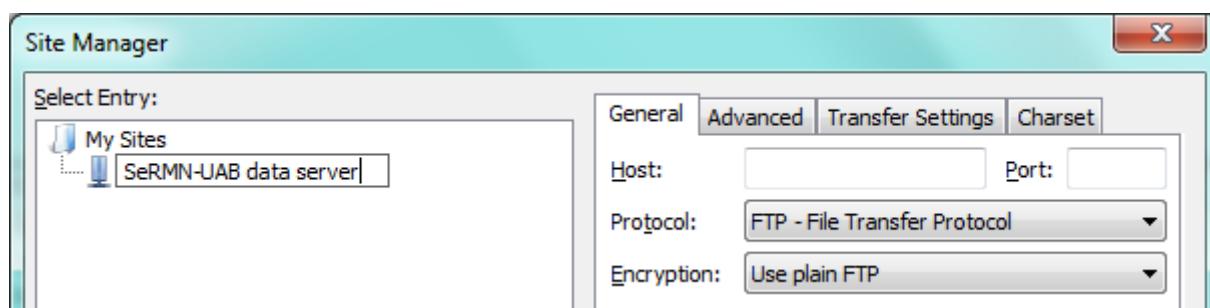
A la finestra *Site Manager*,



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



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



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:



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 Advanced Transfer Settings Charset

Host: sermn.uab.cat Port:

Protocol: FTP - File Transfer Protocol

Encryption: Require explicit FTP over TLS

Logon Type: Normal

User: <your_user_name>

Password: (REDACTED)

Account:

Comments:

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 Settings Charset

Host: sermn.uab.cat Port:

Protocol: FTP - File Transfer Protocol

Encryption: Require explicit FTP over TLS

Logon Type: Interactive

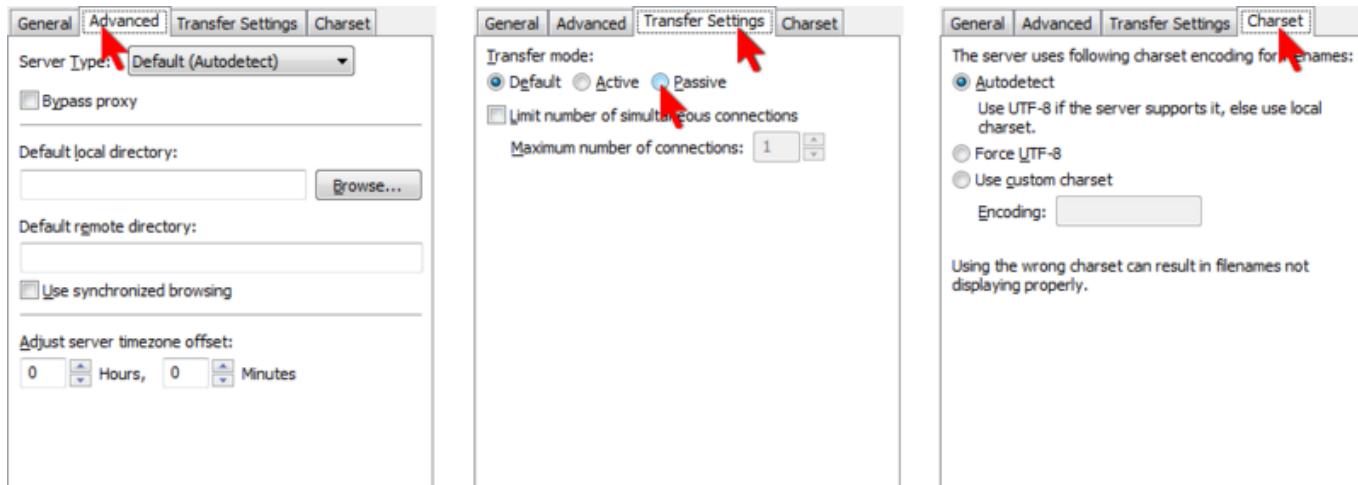
User:

Password:

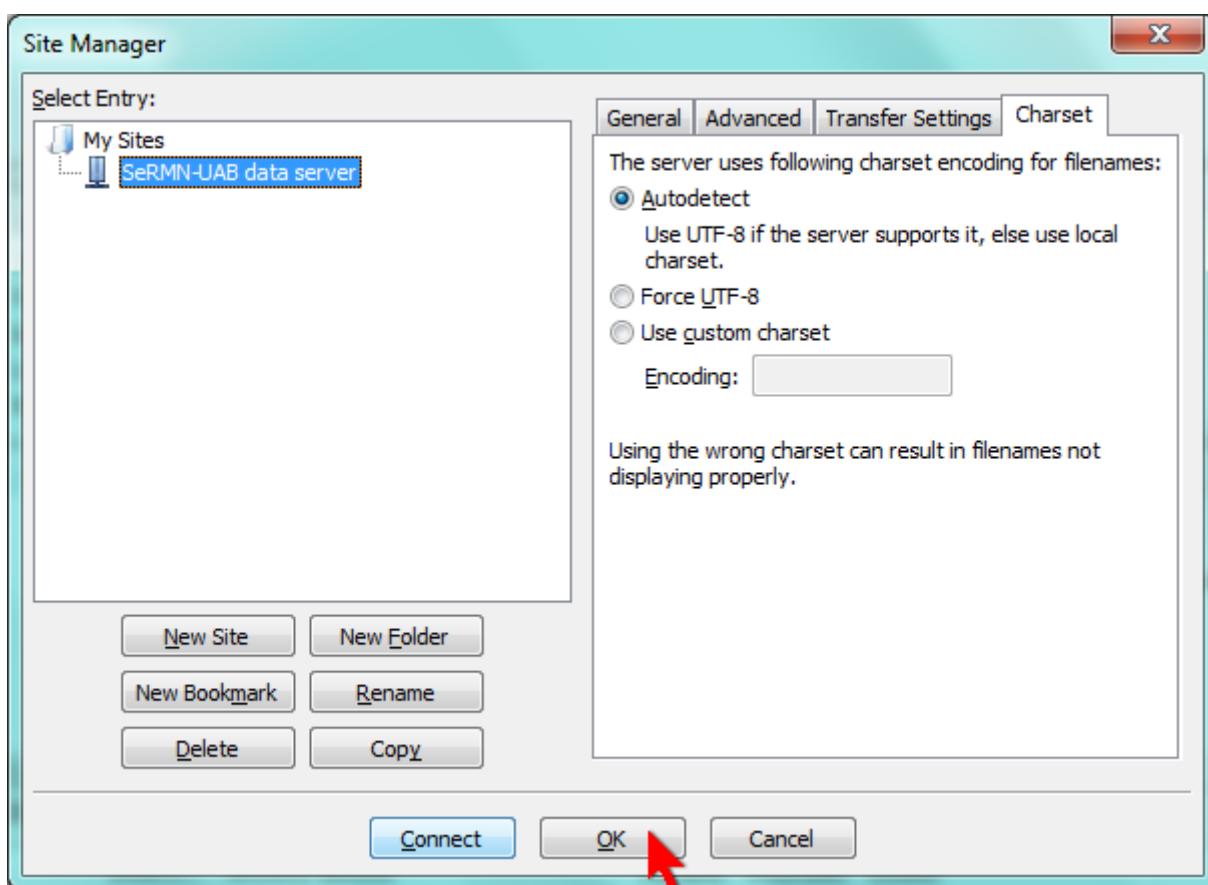
Account:

Comments:

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*



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



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](#).

From:

<https://sermn.uab.cat/wiki/> - **SeRMN Wiki**



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