

File Transfer using FileZilla

National Institutes of Natural Sciences
Okazaki Research Facilities
Research Center for Computational Science (RCCS)

(Verified with FileZilla 3.52.2)

Changelog

- Jul. 12, 2019 First version
- Feb 8, 2021 Updates

Install FileZilla

FileZilla can be downloaded from the following site.

<https://filezilla-project.org/download.php?type=client>

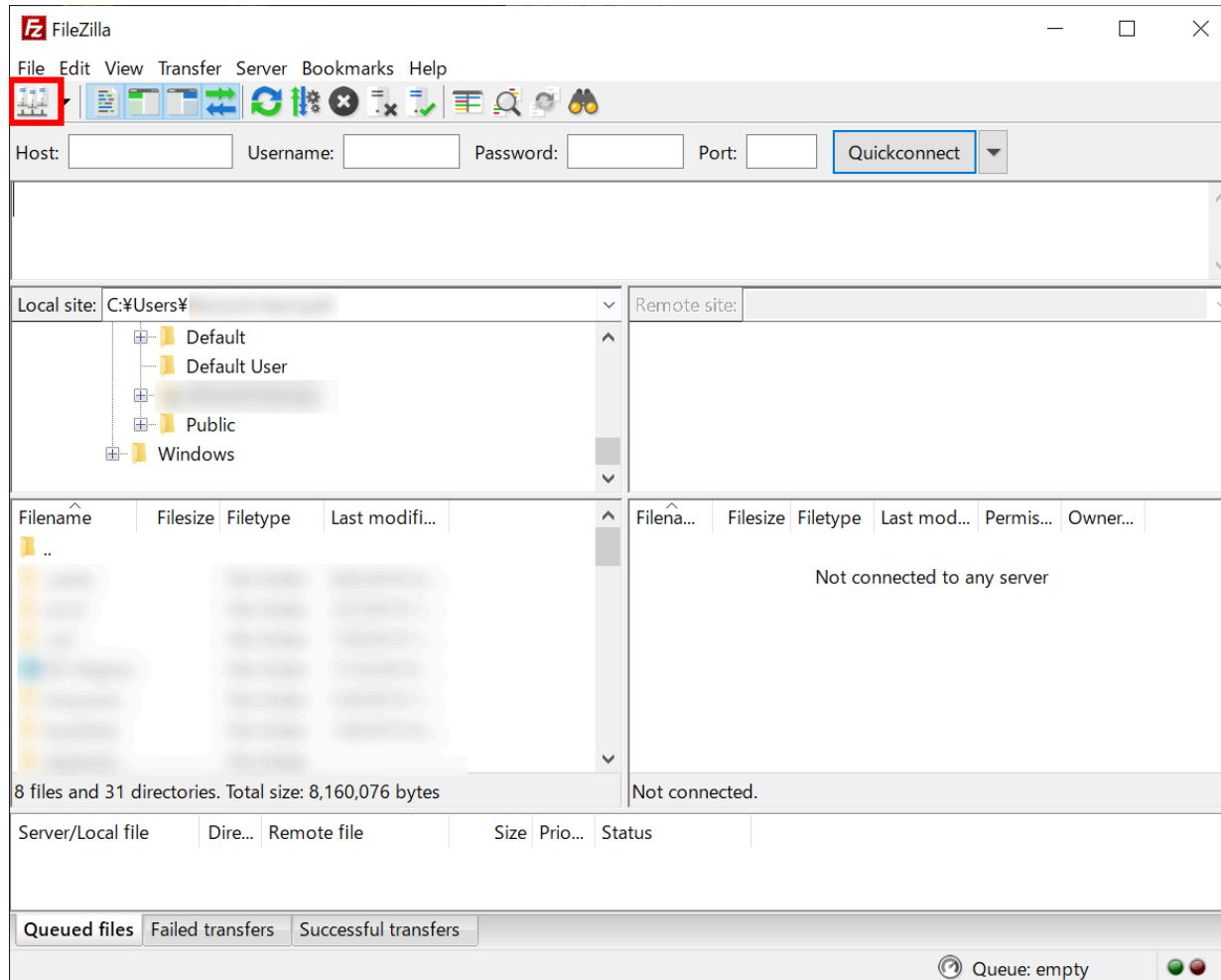
Install the client package suitable for your environment (OS etc.).

If you don't have SSH key, please check "SSH key creation / registration of public key" section of the quick start guide page (<https://ccportal.ims.ac.jp/en/quickstartguide>) and prepare it accordingly.

FileZilla setup (1)

Launch FileZilla and open “Site Manager”.

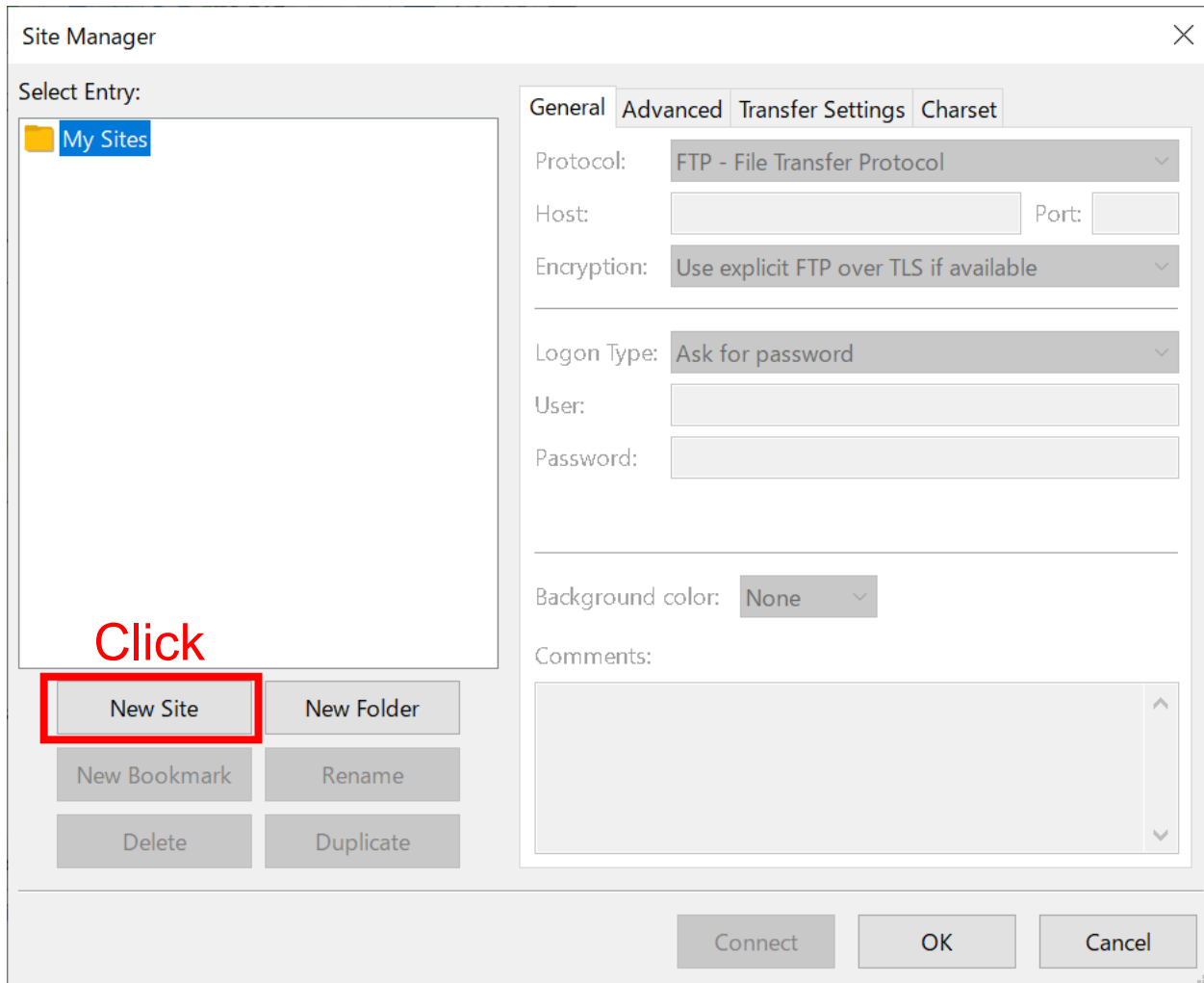
Click to
open site
manager
(or from
[File] menu)



If you want to use Quickconnect: select [Edit] -> [Settings] menu and add your key at [SFTP] section (or use Pageant), and then try quickconnect, where host should be `sftp://ccfep.ims.ac.jp`.

FileZilla setup (2)

Create a new site in Site Manager.



FileZilla setup (3)

Input information of RCCS frontend node.

The screenshot shows the FileZilla Site Manager dialog box with the following annotations:

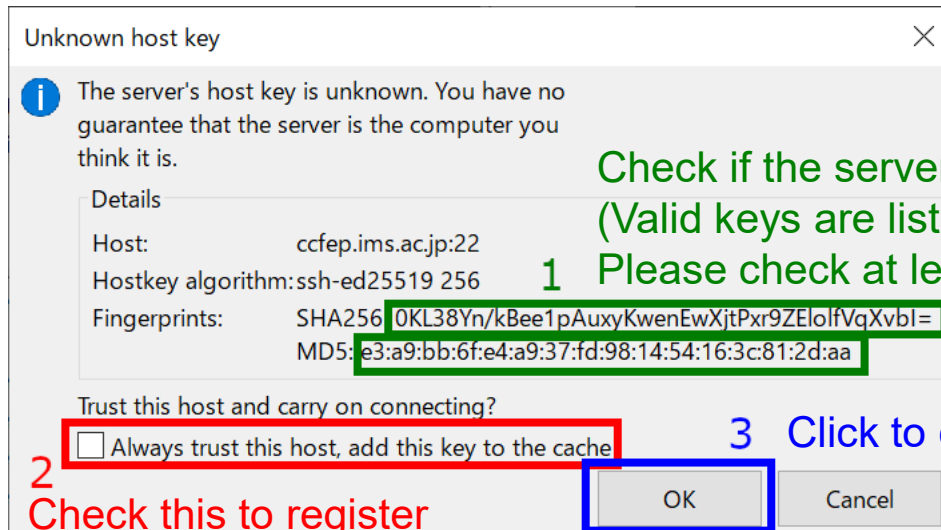
- 1 Give some name (can be omitted)**: A red box highlights the site name "rccs" in the "My Sites" list.
- 2 Select SFTP**: A green box highlights the "Protocol" dropdown menu, which is set to "SFTP - SSH File Transfer Protocol".
- 3 Input ccfeq.ims.ac.jp**: A blue box highlights the "Host" text field containing "ccfeq.ims.ac.jp".
- 4 Select "Key file"**: An orange box highlights the "Logon Type" dropdown menu, which is set to "Key file".
- 5 RCCS user ID (three-letter ID)**: A red box highlights the "User" text field.
- 6 Specify PuTTY type private key file. (But if OpenSSH key (Tera Term also uses this type) is given here, FileZilla will convert it to PuTTY type.)**: A green box highlights the "Key" text field containing "id_rsa.ppk" and the "Browse..." button.
- 7 Click to connect**: A blue box highlights the "Connect" button at the bottom of the dialog.

Additional elements in the dialog include the "General" tab, "Advanced" tab, "Transfer Settings" tab, and "Charset" tab. The "Background color" dropdown is set to "None". The "Comments" field is empty. The "New Site", "New Folder", "New Bookmark", "Rename", "Delete", and "Duplicate" buttons are visible in the bottom left.

FileZilla setup (4)

Upon first connection, alert window will be shown.

(If you accessed using PuTTY in advance, this would not be shown.)



Check if the server key fingerprints are valid.
(Valid keys are listed below.)

1 Please check at least either of two fingerprints.

3 Click to continue

2 Check this to register

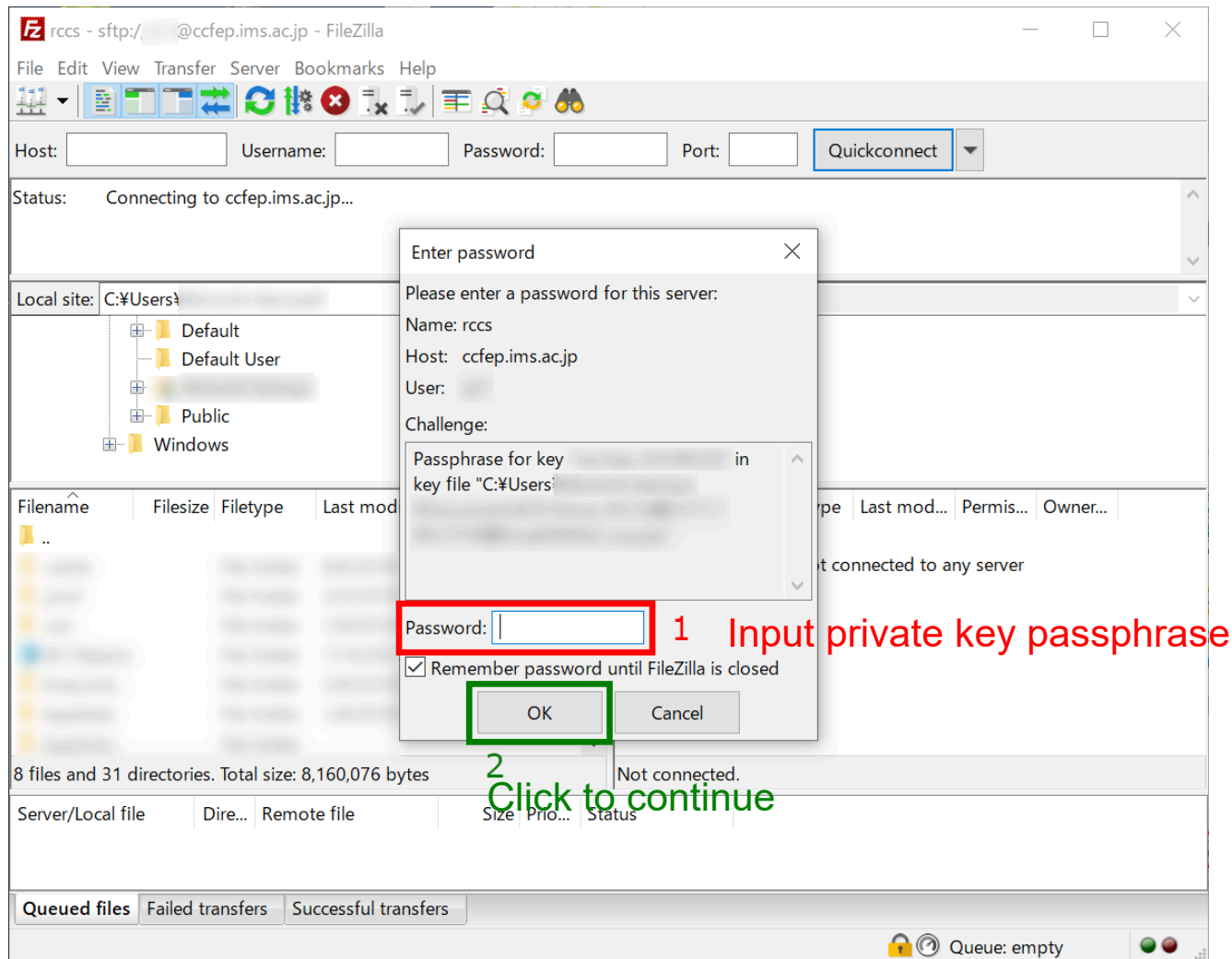
as trusted host. (if fingerprint is OK)

Fingerprints
of valid
server keys

- wnEM30z4AxyDJ9XI/DdGr2PINeoivFRR8v5krXHEmdU (SHA256)
- 0KL38Yn/kBee1pAuxyKwenEwXjtPxr9ZElolfVqXvbl (SHA256)
- Nhg+9Lgj3XeuW//A/j7jqgUJllxWehryCtStlp1Dirs (SHA256)
- ad:de:79:30:81:b0:b1:6a:17:f5:6f:ea:f4:b4:3b:de (MD5)
- e3:a9:bb:6f:e4:a9:37:fd:98:14:54:16:3c:81:2d:aa (MD5)
- 07:7e:df:7b:16:47:a8:f5:7c:48:b0:a3:d3:86:71:6a (MD5)

FileZilla setup (5)

Then, you will be asked for private key passphrase.



FileZilla setup (6)

Finally, you can access to RCCS frontend via SFTP.

Registered site can be called from this arrow mark.

