

Installing Bruker TopSpin 4

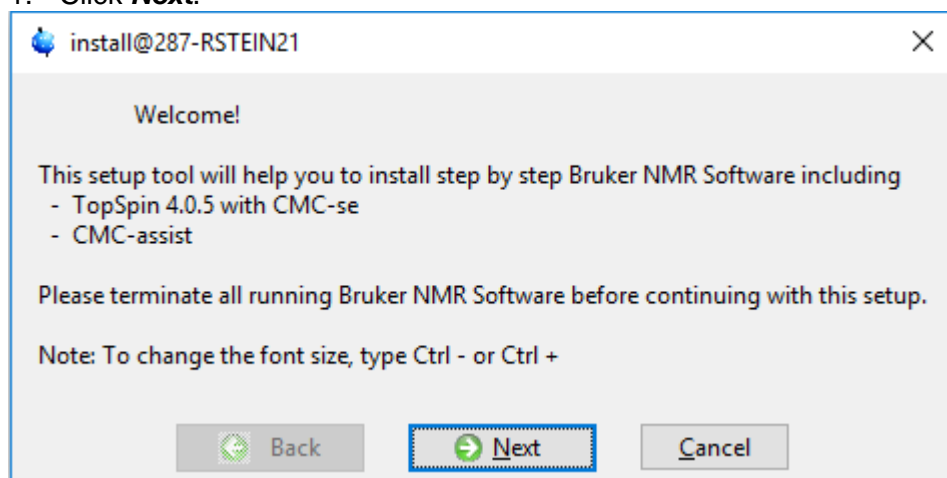
Note: the screenshots in this guide are from the Windows installation. The Mac installation should be similar, but you must follow the prompts carefully.

Start

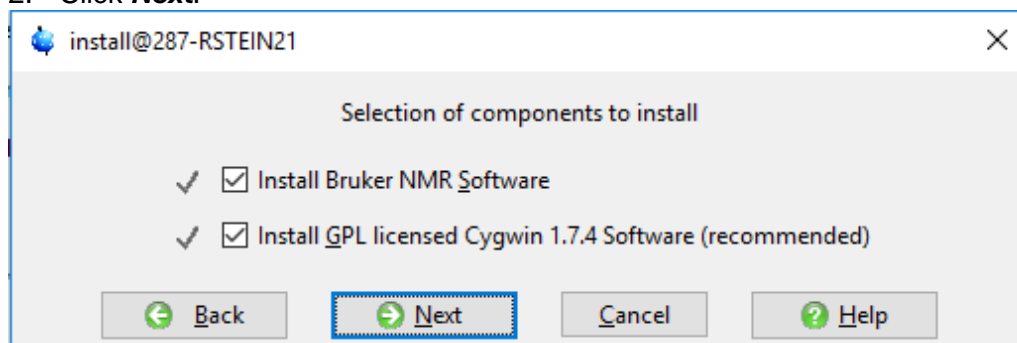
1. **Make an account with Bruker** at <https://www.bruker.com/about-us/register.html>.
2. Download the latest version of TopSpin 4 from <https://www.bruker.com/service/support-upgrades/software-downloads/nmr.html>. (Note: This is for 64-bit installation only.)
3. Double-click on the downloaded file to begin the installation. You may get an error message about unrecognized app installation – if so, just click on “More info...” and “Run anyway”.

Installation

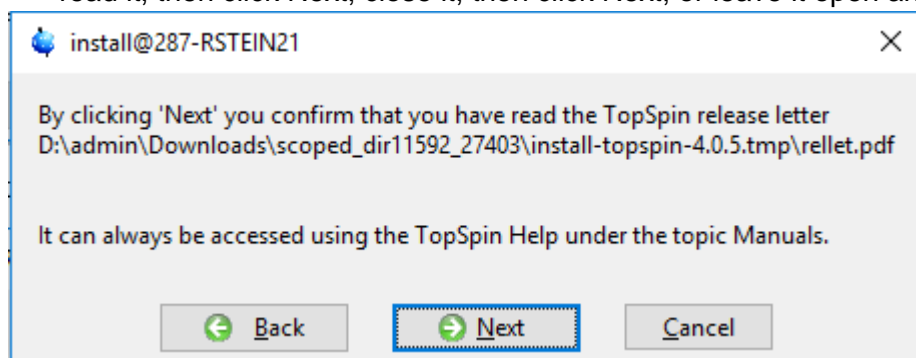
1. Click **Next**.



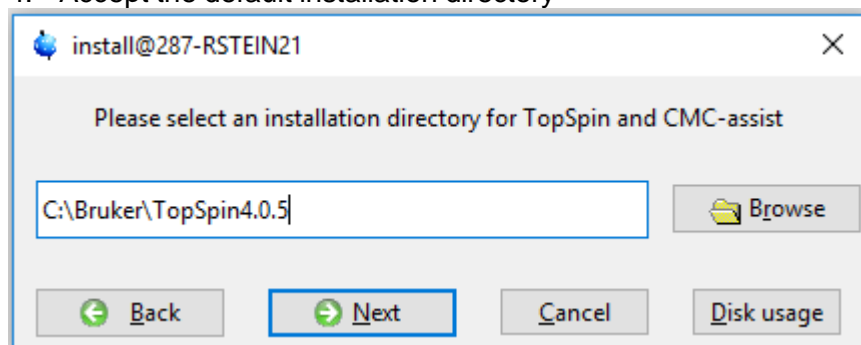
2. Click **Next**.



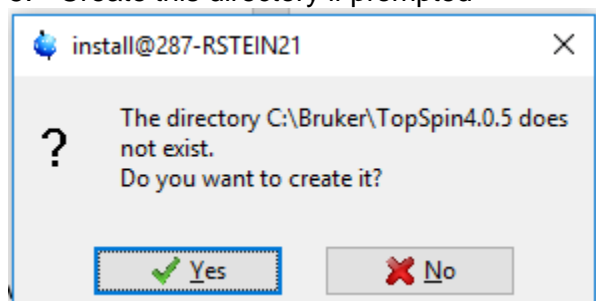
3. The release letter should pop up (occasionally this happens in the background) – you can either read it, then click Next; close it, then click Next; or leave it open and click **Next**.



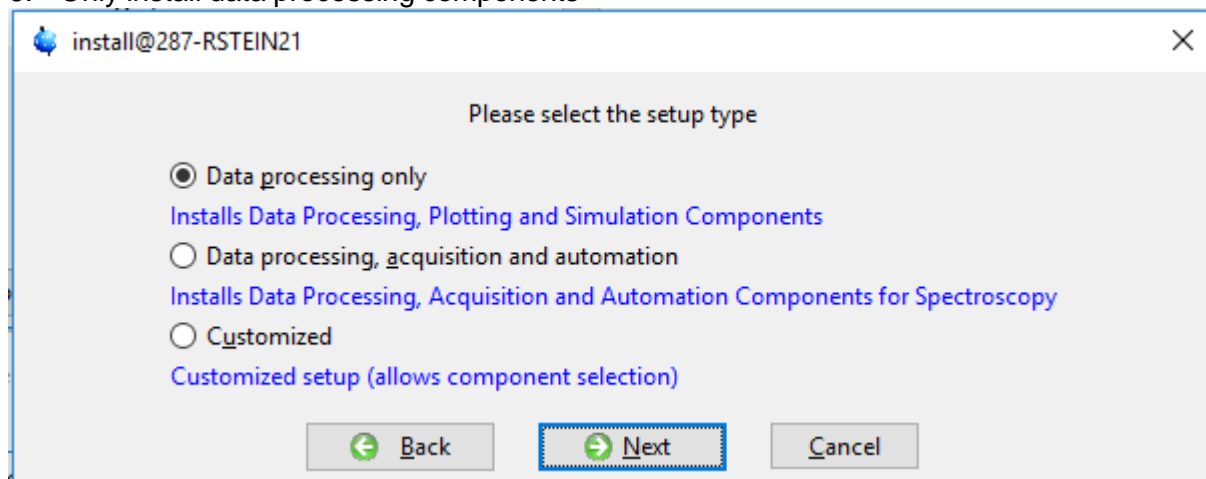
4. Accept the default installation directory



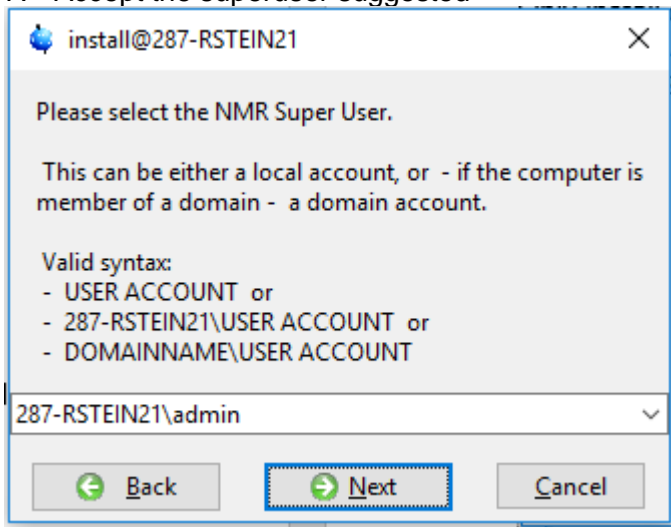
5. Create this directory if prompted



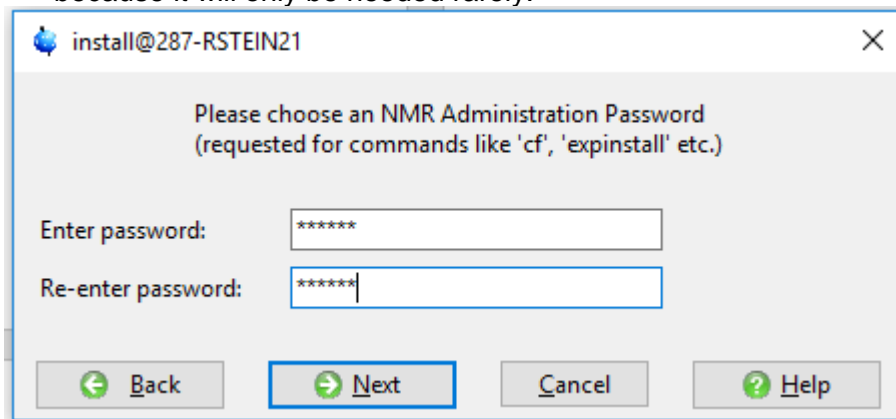
6. Only install data processing components



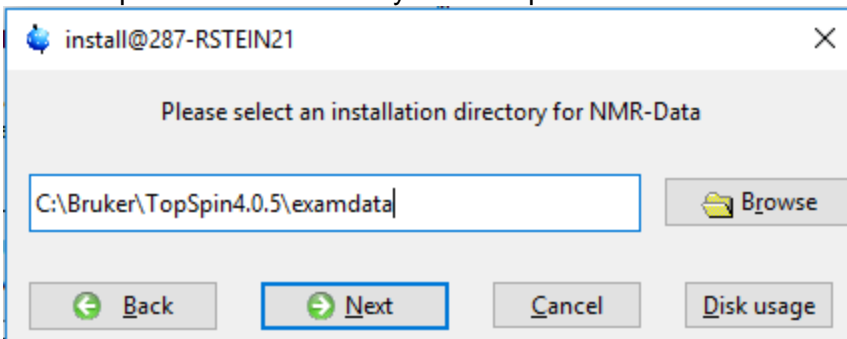
7. Accept the superuser suggested



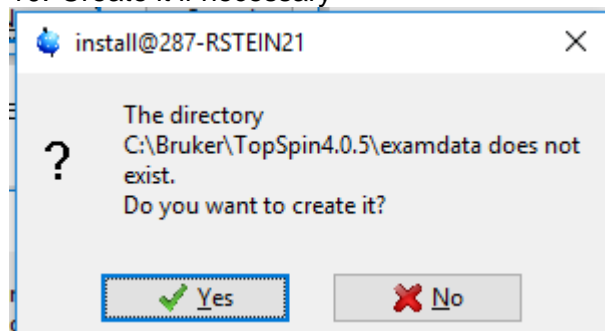
8. Enter any password you like. However, do not make it the same as your windows password. because it can be easily accessed within your files. Make it something you can easily remember because it will only be needed rarely.



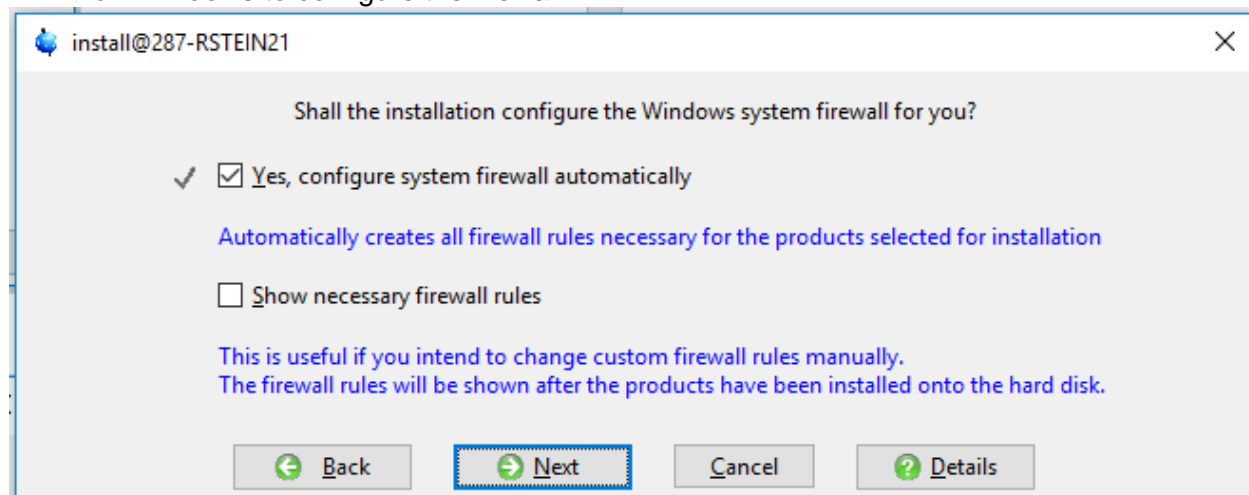
9. Accept the default directory for example data



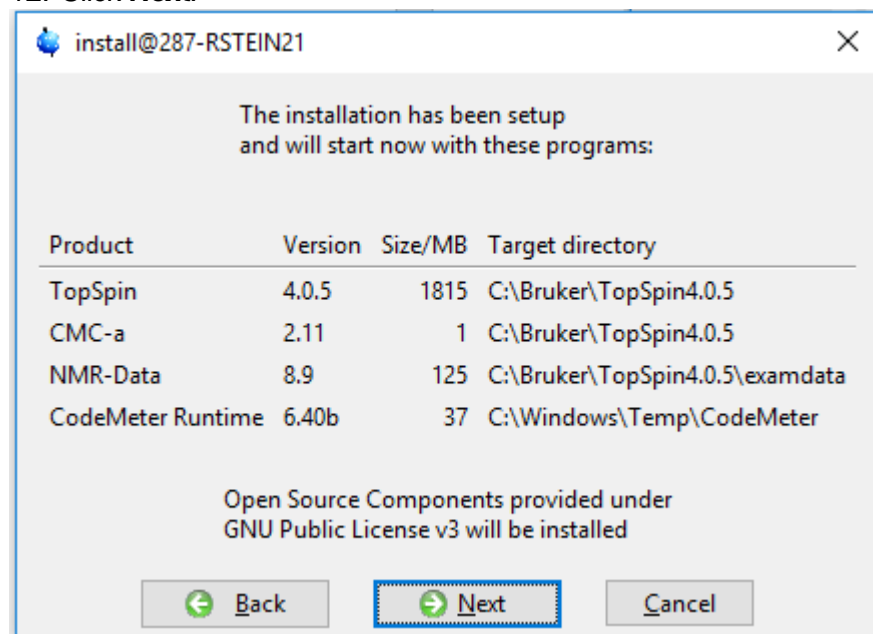
10. Create it if necessary



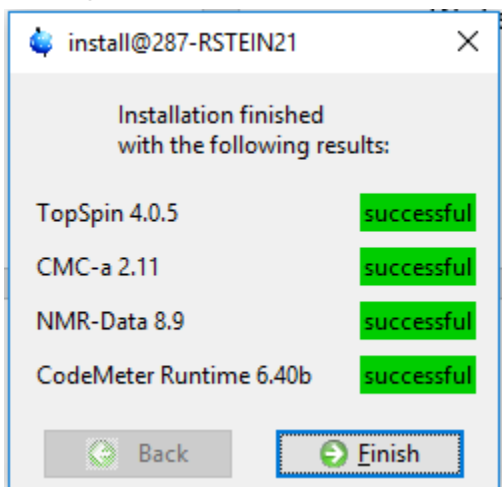
11. Allow Windows to configure the firewall



12. Click **Next**.

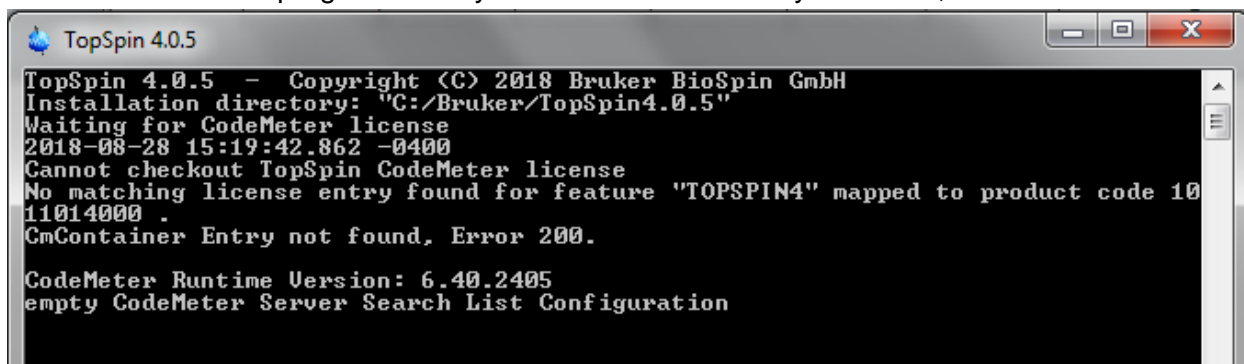


13. Wait up to half an hour for installation to complete



Getting a TopSpin license

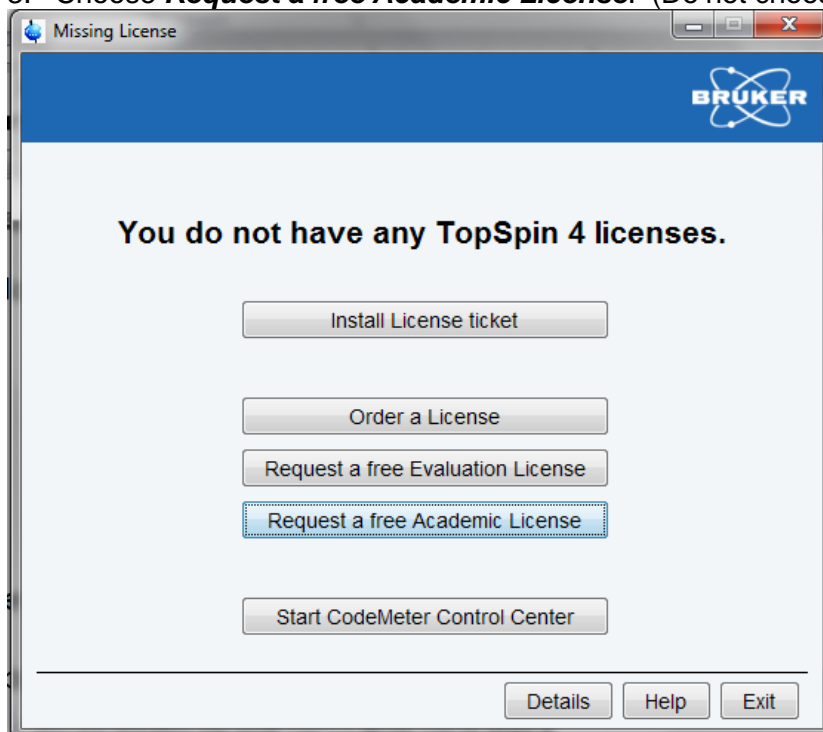
1. Start TopSpin, for example from the Start Menu under Bruker NMR Software. This can take a while. When the program starts you will see a terminal style window,



2. Then another window will appear. Choose ***I Accept, Do Not Show License Again.***



3. Choose **Request a free Academic License**. (Do not choose Order a License!)



4. This will open the website <https://www.bruker.com/protected/en/services/software-downloads/nmr/nmr-topspin-license-for-academia.html>. At this point, you will be prompted to log in to the website. You should have already created an account, since that was step 1 of this tutorial, but if you did not, you will need to create one before moving forward.
5. Once logged in, choose "Request Academia License"

Disclaimer

Access to Academia licenses is restricted to academic customers. By using this web page for license requests you confirm that you are employed by or studying at an academic- or governmental institution and that you use the software exclusively in this context. Your request and the license generation will be logged. If you do not agree with this, please do not continue.

In the next step a personal ticket code will be generated for you. With this ticket code you can activate the Academia license on a compatible computer of your choice and use the software:

- [TopSpin for Windows](#)
- [TopSpin for Linux](#)
- [TopSpin for macOS \(Processing Only\)](#)

REQUEST ACADEMIA LICENSE

When the code is displayed, highlight it and copy it to the clipboard. An example is shown here: NMR Topspin License Processing for Academia

In order to provide students, researchers and teachers with unlimited access to the best tools for off-line NMR processing, Bruker is making their market leading NMR processing software TopSpin available free of charge for all academic users. In addition to Bruker NMR data, the software is able to process data acquired on Agilent, Varian and Jeol systems, as well as read any data provided in JCAMP format. We are happy to offer you a free Academia license for TopSpin 4 ("Academia license").

Free License For Academia

With the following code you can activate your free academia license:

```
6S56A-PTHVG-WKN44-2HM8T-M49RF
```

Just write it down (or copy it to the clipboard), start TopSpin, choose the option "Activate this installation now" and follow the instructions. If you have not installed TopSpin already you can download it [here](#).

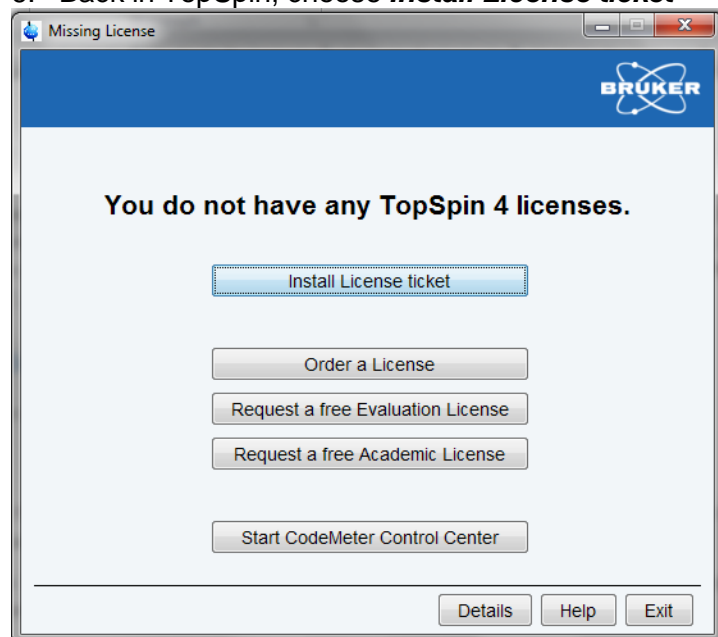
Your license is valid for 15 years. You can use it on a compatible computer of your choice and you can move it to another system if needed. See the section "Rehosting of license" in the license management manual for details.

[Download for Windows](#)

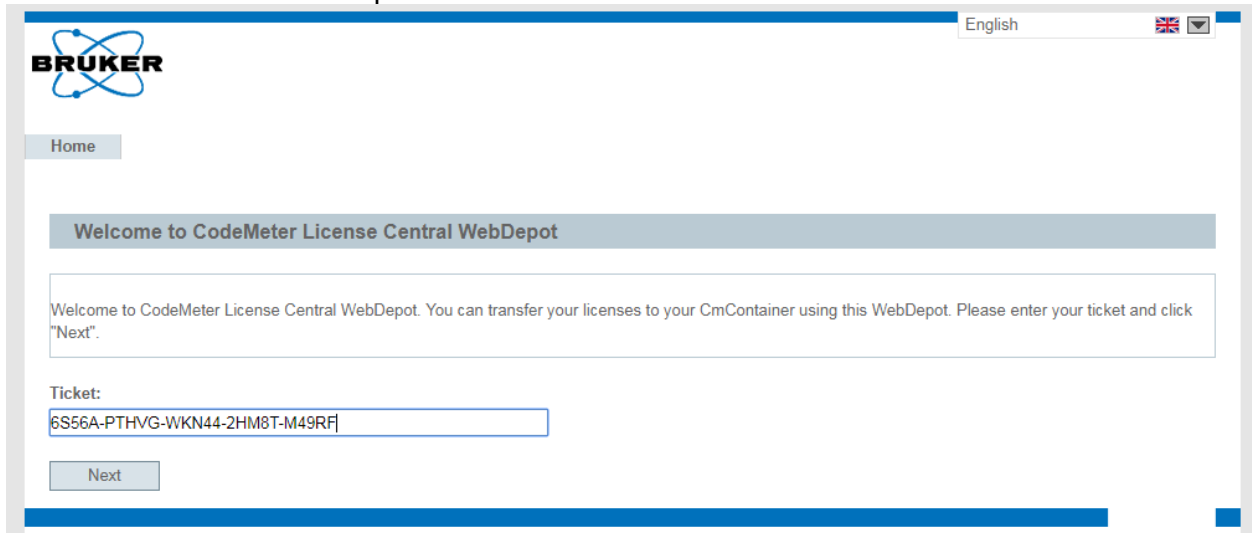
[Download for Linux](#)

[Download for Mac OS](#)

6. Back in TopSpin, choose **Install License ticket**



7. Paste the code into the spot for the ticket and click **Next**.



English

BRUKER

Home

Welcome to CodeMeter License Central WebDepot

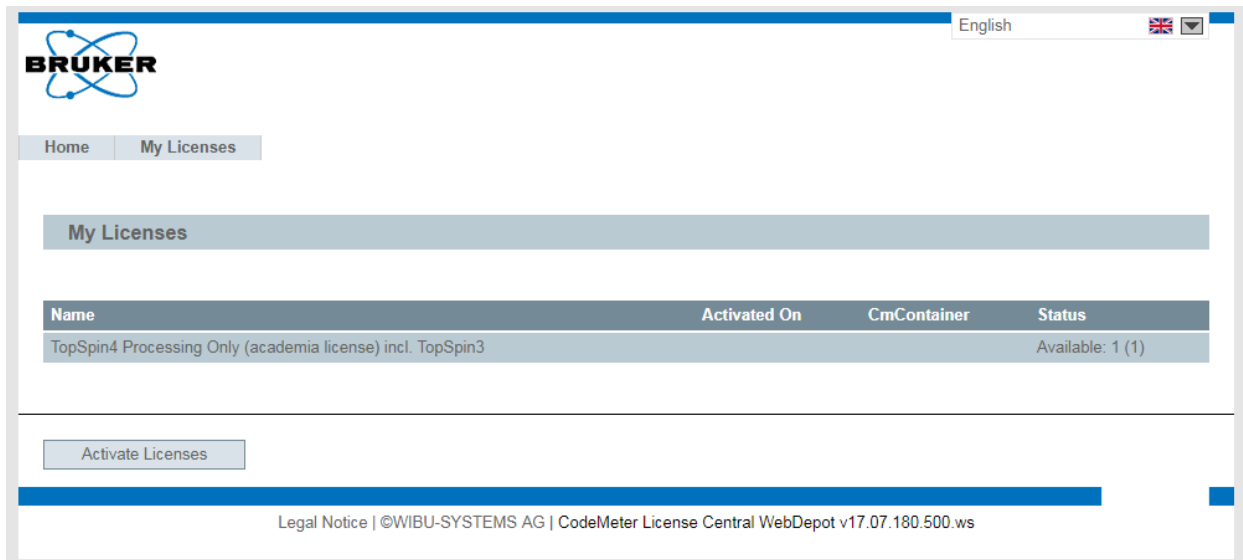
Welcome to CodeMeter License Central WebDepot. You can transfer your licenses to your CmContainer using this WebDepot. Please enter your ticket and click "Next".

Ticket:

6S56A-PTHVG-WKN44-2HM8T-M49RF

Next

8. Click **Activate Licenses**.



English

BRUKER

Home My Licenses

My Licenses

Name	Activated On	CmContainer	Status
TopSpin4 Processing Only (academia license) incl. TopSpin3			Available: 1 (1)

Activate Licenses

Legal Notice | ©WIBU-SYSTEMS AG | CodeMeter License Central WebDepot v17.07.180.500.ws

9. If you get returned to the Welcome to the CodeMeter License Central WebDepot screen, then use a different browser! For example, try Internet Explorer on PC or Safari on Mac. Go to the website <http://licensecentral-bbio.bruker.de/index.php> and paste the code in. You should see:
10. Choose "I want my licenses on one computer" (icon looks like a certificate):

The screenshot shows the Bruker license management interface. At the top, there is a navigation bar with the Bruker logo and a language dropdown set to 'English'. Below the navigation bar, there are two tabs: 'Home' and 'My Licenses'. The main content area is titled 'Available Licenses - Select the binding for Your Licenses'. It contains a text box explaining that licenses can be bound to either a computer (CmActLicense) or a dongle (CmDongle). Below this, there are two large buttons with icons and text:

- Left button:** Features a dongle icon. Text: "I want my licenses in a dongle (CmDongle) to be able to use them on different computers. Firm Code: 102882".
- Right button:** Features a certificate icon. Text: "I want my licenses on one computer (CmActLicense). Firm Code: 5000606 | CmContainer: BRUKER_BBIO_WMLV (0002)".

11. Click on **Activate selected Licenses Now**

The screenshot shows the Bruker license management interface after selecting the 'one computer' option. The main content area is titled 'Available Licenses'. It contains a text box with instructions on how to activate licenses:

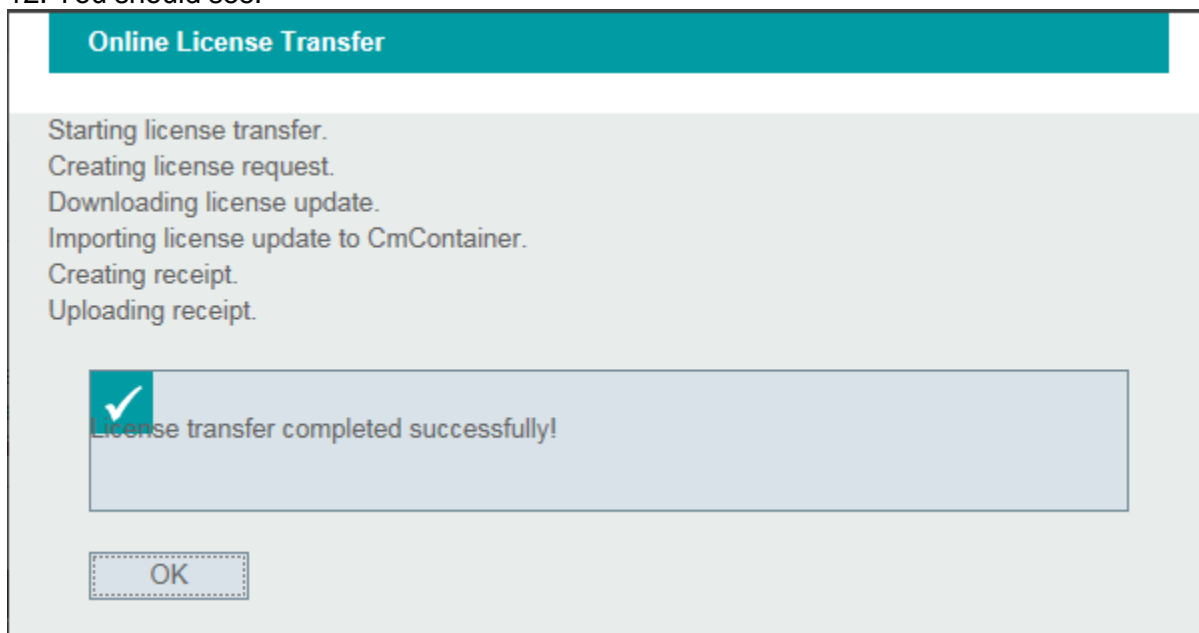
1. Select the licenses you want to activate.
2. Select the locally connected CmContainer to which you want to transfer the licenses.
3. Click "Activate Selected Licenses Now".

Below the instructions is a table of available licenses:

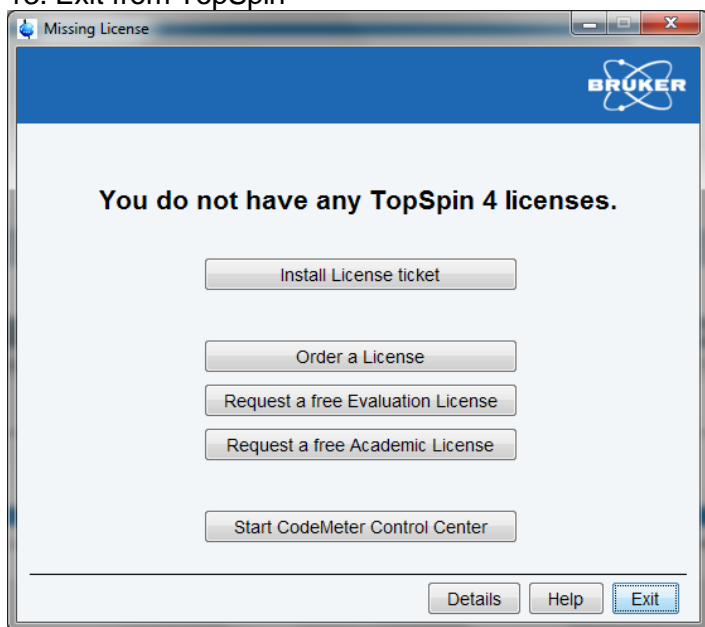
<input checked="" type="checkbox"/>	Name	Activated On	CmContainer	Status
<input checked="" type="checkbox"/>	TopSpin4 Processing Only (academia license) incl. TopSpin3			Available

Below the table, there is a 'Select CmContainer' dropdown menu with the value '32767-27009 (BRUKER_BBIO_WMLV)' and a refresh button. At the bottom, there is a button labeled 'Activate Selected Licenses Now' and a note 'Offline license transfer'.

12. You should see:

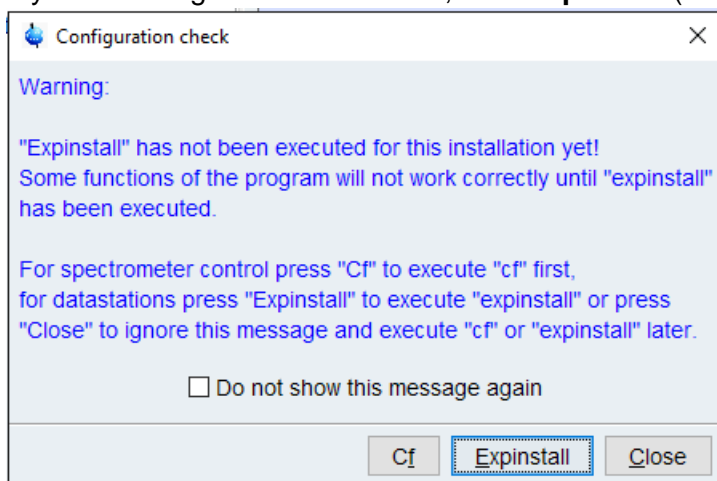


13. Exit from TopSpin

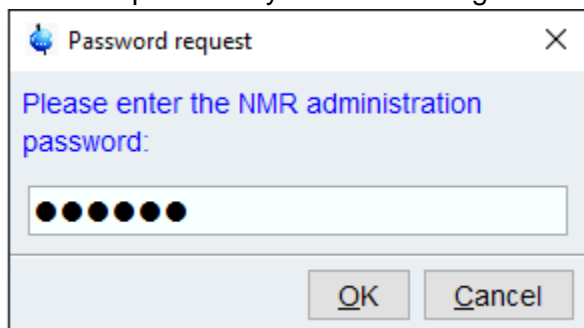


Configuring TopSpin

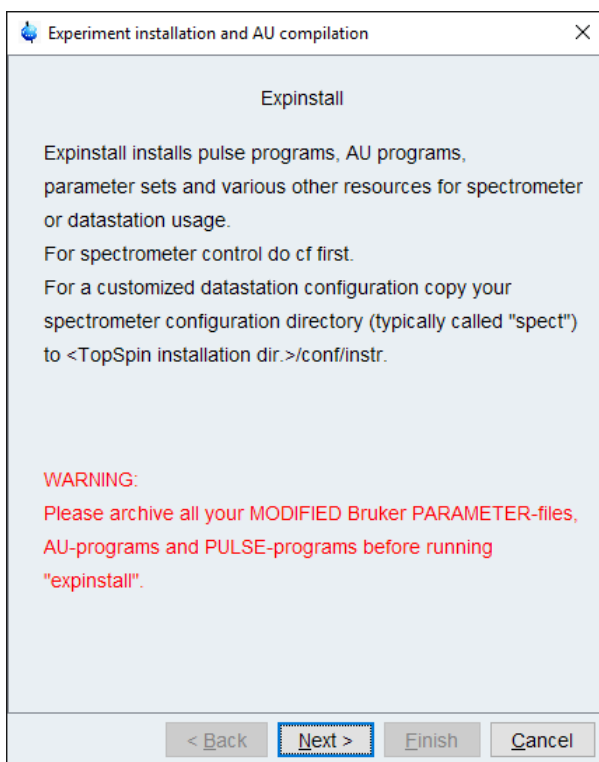
1. Restart TopSpin
2. If you are using Windows or Linux, click **Expinstall** (there is no need to do this with Macintosh)



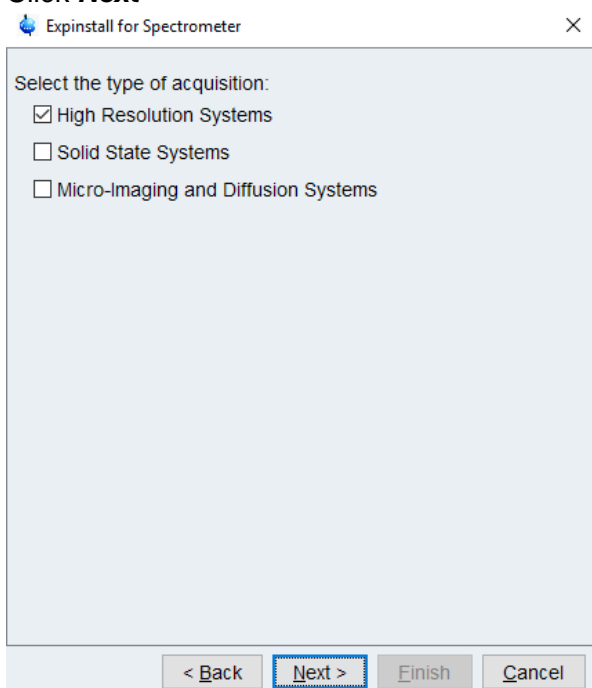
3. Enter the password you chose during the installation of the program and click **OK**.



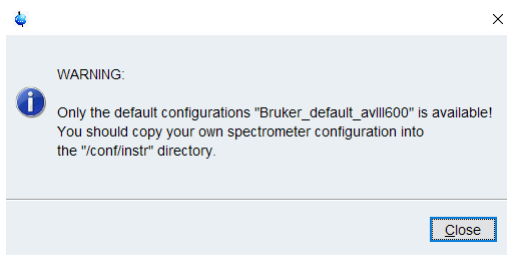
4. Click **Next**



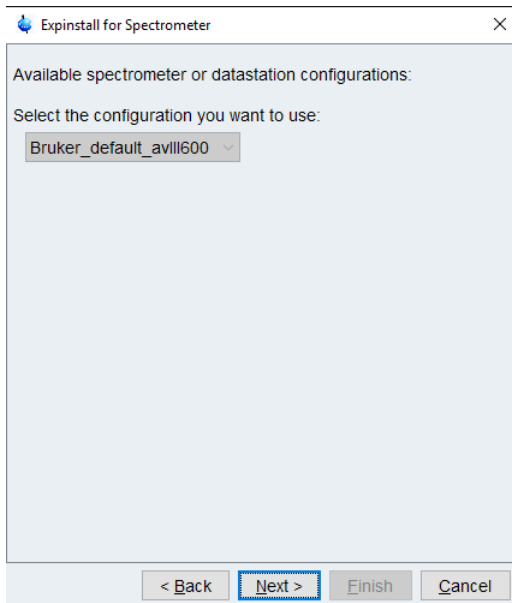
5. Click **Next**



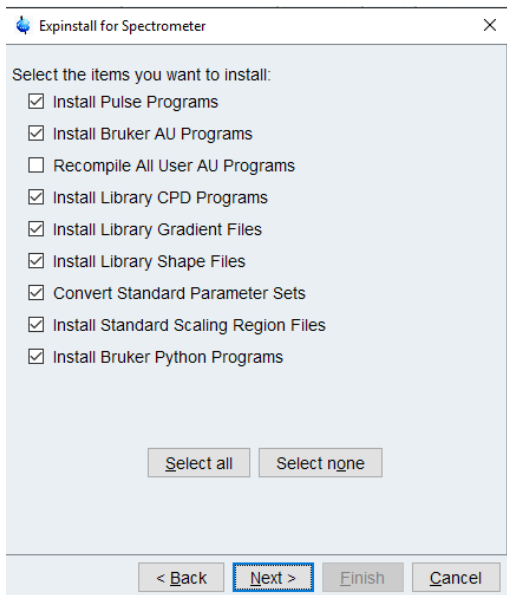
6. Click **Close**



7. Click **Next**



8. Click **Next**



9. Click **Next**

Expinstall for Spectrometer

Select the basic frequency of your spectrometer:

Basic frequency (MHz): 600.13

Select the pre-scan-delay DE:

Default pre-scan-delay (µs): 6.5

Select the plotter paper format:

Paper format: A4 / Letter

< Back Next > Finish Cancel

10. Click **Finish**

Expinstall for Spectrometer

Expinstall will be executed with following options:

Installation for Spectrometer
(High Resolution)
Configuration name: Bruker_default_avIII600

Install Pulse Programs
Install Bruker AU Programs
Install Library CPD Programs
Install Library Gradient Files
Install Library Shape Files
Convert Standard Parameter Sets
Install Standard Scaling Region Files
Install Bruker Python Programs

Basic frequency: 600.13 MHz
Pre-scan-delay: 6.5 µs
Paperformat: A4 / Letter

< Back Next > Finish Cancel

11. After expinstall finishes copying files, select **Do not show this message again** and **Close** (the backup is more useful for spectrometers than for datastations)

Cron check

An automatic periodical backup of your TopSpin configuration can be defined in TopSpin. Currently you do not use this tool.
Press "Automatic Backup" to open the configuration tool.

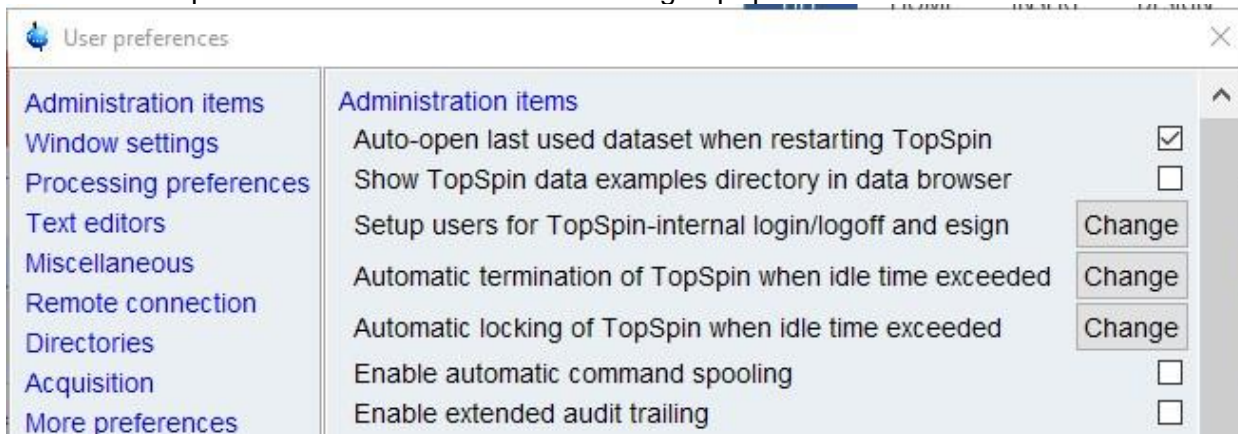
Do not show this message again

Help Automatic_Backup Close

12. Go back into TopSpin. Go to the settings icon (the gear icon) in the upper right of the window



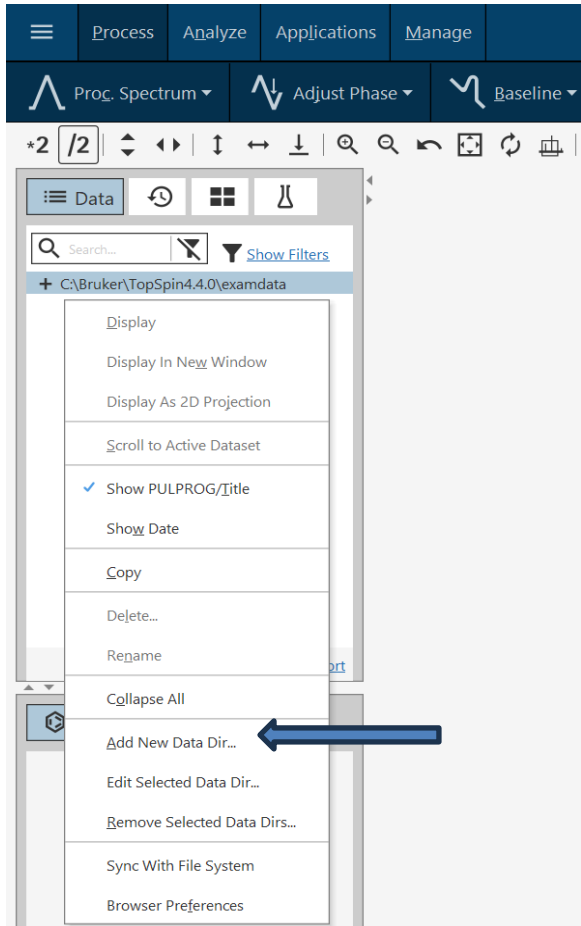
13. Enable Auto-open last used dataset when restarting TopSpin



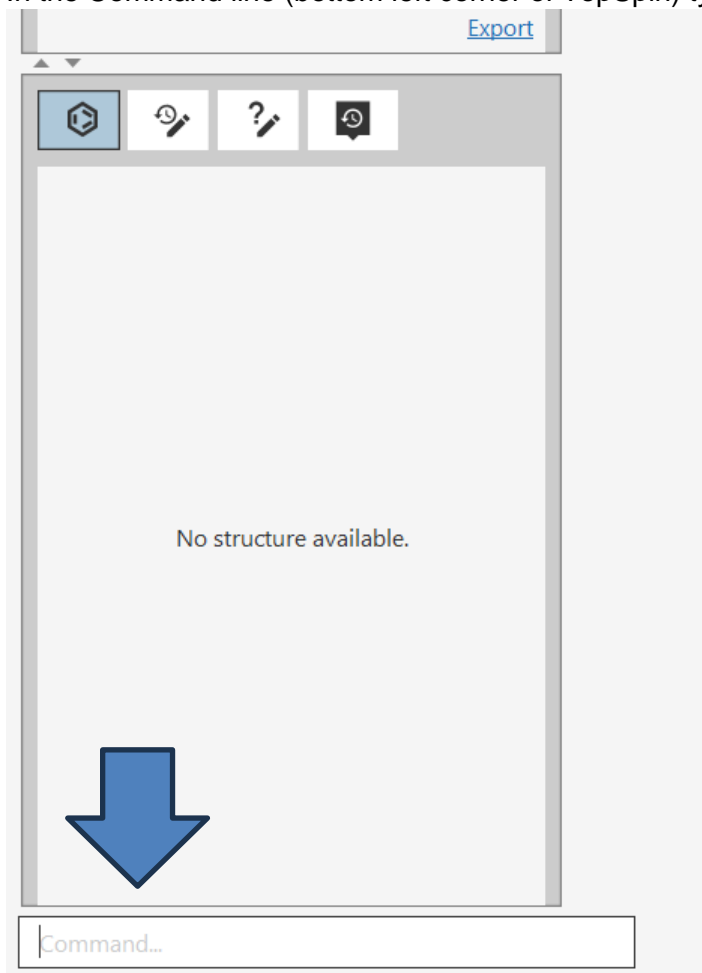
Getting Varian data into TopSpin

There are various options for getting Varian data into TopSpin. Try them and use the one that works for you.

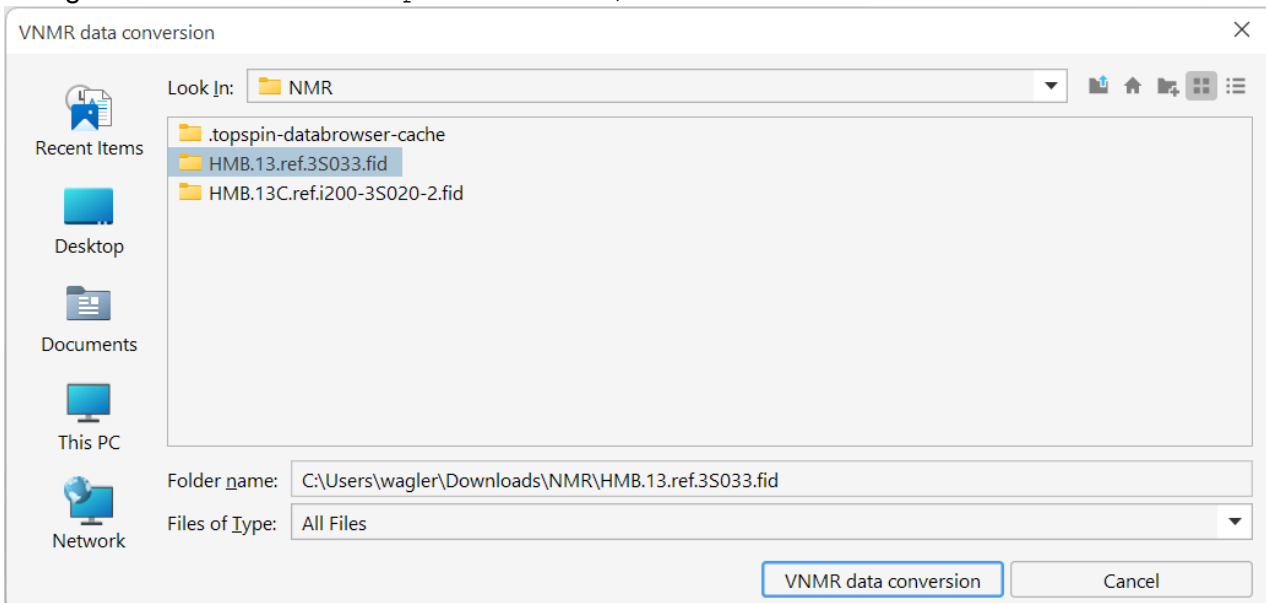
1. Right-click in the Data Browser (left side of the TopSpin window) and choose "**Add New Data Dir...**"



2. In the Command line (bottom left corner of TopSpin) type in `vconv` to open Varian data.



3. Navigate to the fid folder `<sample name>.fid`, select it and click **VNMR Data conversion**.



4. Typically, the VNMR-name (the file path of the Varian fid folder) and the NAME (the Varian fid folder name) are filled in. You must fill in the EXPNO (best to just choose 1) and the DIR for the file. To make it easy you could put this in your downloads folder for example (use C:\Users\\Downloads\NMR.

The screenshot shows a dialog box titled "vconv C:\Users\wagler\Downloads\NMR\HMB.13.ref.3S033.fid". The dialog contains the following text and fields:

The selected Varian data will be converted.
Define destination dataset.

VNMR-name	C:\Users\wagler\Downloads\NMR\HMB.13.ref.3S033.fid
NAME	HMB.13.ref.3S033.fid
EXPNO	1
DIR	C:\User\Wagler\Downloads\NMR\

At the bottom of the dialog are three buttons: "OK" (with a green checkmark icon), "Cancel" (with a red X icon), and "Help".