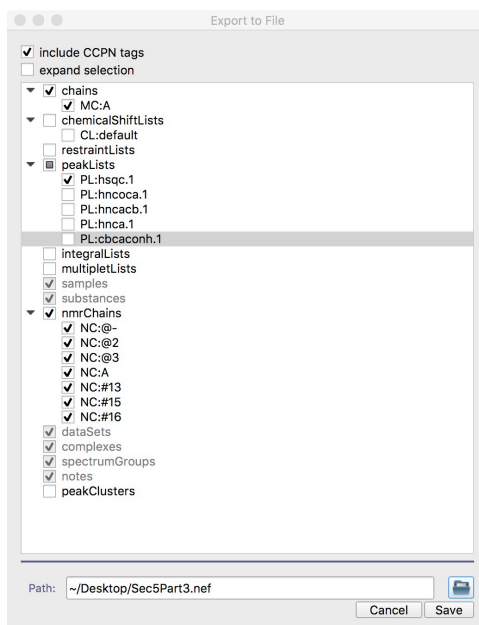


How To's:

Use NEF to
import and export CcpNmr data



Introduction

This How-To will guide through a simple action of using the NMR Exchange Format, NEF, to import and export data from one CcpNmr project to another. This is only a practical example and not the main purpose of NEF, for documentation and other usages please visit:

<https://github.com/NMRExchangeFormat/NEF>.

In this tutorial you will export the hsqc peak list contained in the project Sec5part3 and import in Sec5Part1 just using a NEF file.

You can use this mechanism to import/export any data from/to any CcpNmr projects, however, use this with extremely caution in order to avoid name clashes or unwanted merging which could cause a data loss.

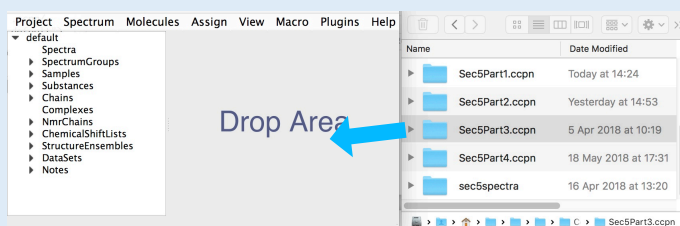
Start CcpNmr Analysis V3

Apple users by double clicking the icon
CcpNmrAnalysis

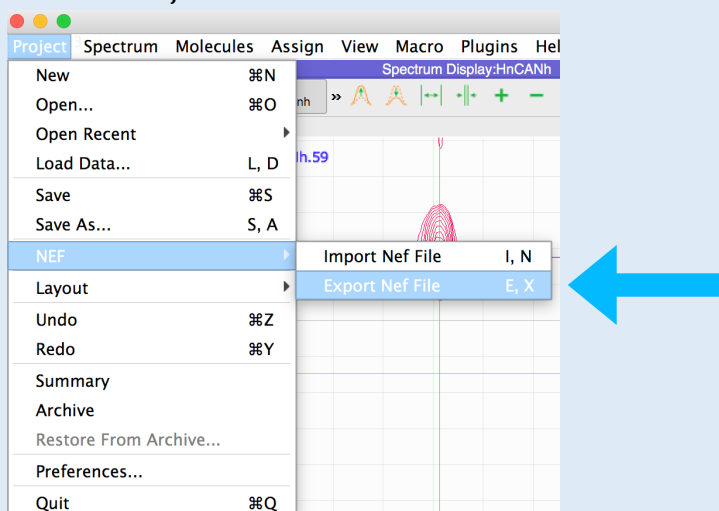


Linux users by using the terminal
command: *bin/assign*

Open Sec5Part3

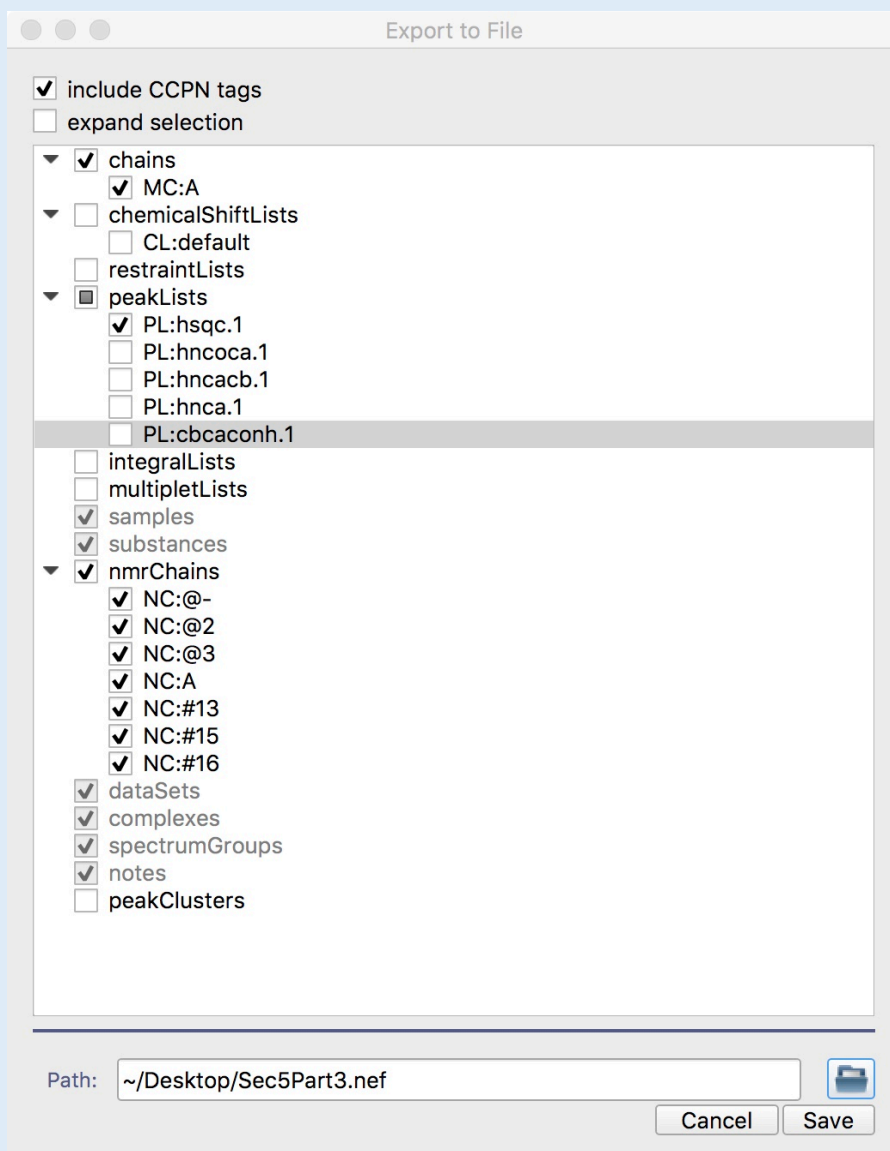


shortcut E,X



1A Open the project containing the peak list you need to export

- Open the project Sec5Part3
- Open the NEF export popup:
Main Menu: Project → NEF → Export Nef File (shortcut E,X)
- The exporter window will appear, expand all branches



1_B Select exporting options

Select:

- chains: MC:A
- peakLists: PL:hsqc.1
- nmrChains: all options

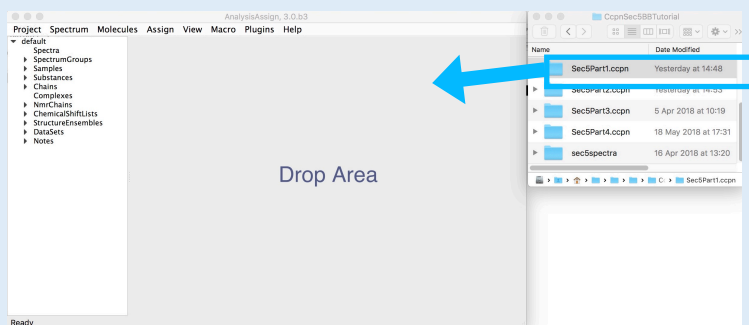
Deselect:

- ChemicalShiftLists, restraintList, integrallLists, multipletLists, peakClusters
- Click on the folder icon, select a path where to save the Nef.
- Click Save

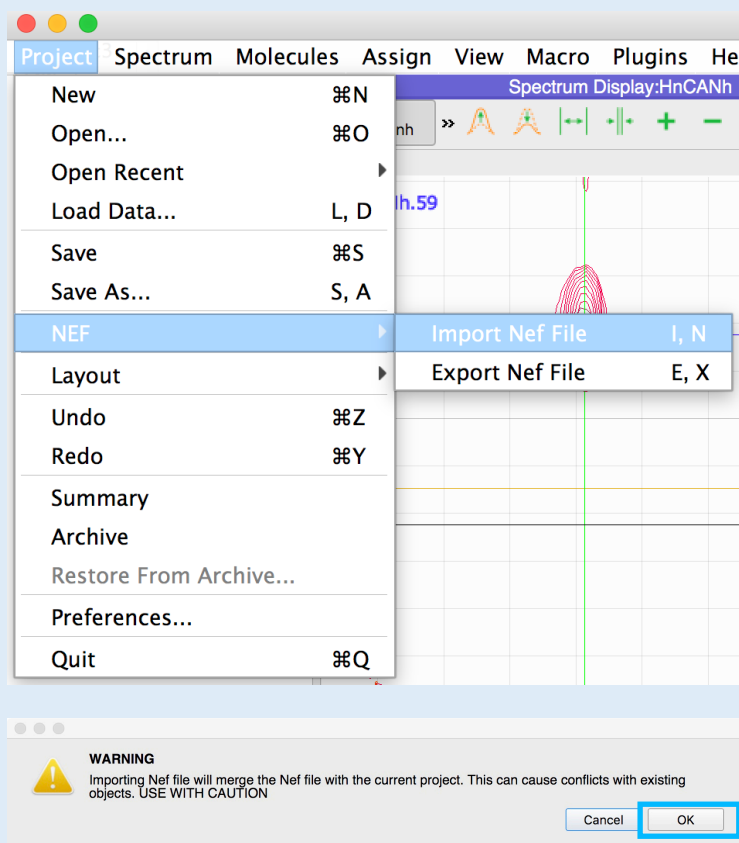
Run a new CcpNmr Analysis instance



Open Sec5Part1



shortcut I,N



1C Import on a target project: Sec5Part1

- Run a new CcpNmr Analysis instance
- Open the project Sec5Part1
- Open the NEF import popup:
Main Menu: Project → NEF → Import Nef File (shortcut I,N)
- Press Ok on the Warning popup
- A new File Dialog will appear, select the previously saved NEF file
- click ok to continue

The new peak list and other objects will be merged to your existing project.

Contact Us

Website:

www.ccpn.ac.uk

Suggestions and comments:

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Issues and bug report:

<https://bitbucket.org/ccpnmr/issue-tracker/>

Cite Us

[CcpNmr AnalysisAssign: a flexible platform for integrated NMR analysis](#)

Cite NEF

[NMR Exchange Format: a unified and open standard for representation of NMR restraint data](#)

Tutorial Version History:

beta3 (LGM): First version