Using jdf2bruker in Windows.

Jdfutilities compile fine in the cygwin environment for Windows (tested for Windows XP and Windows 7).

1) Download the 32-bit installer http://cygwin.org/setup-x86.exe

2) Run the installer choosing (in addition to the default installation) from the “Devel” section the following packages:

binutils
cygwin-devel
gcc-core
gcc-g++
make

3) Download the jdfutilities tarball from:

http://iodine.chem.qmul.ac.uk/jdfutilities/jdfutilities-0.0.1.tar.gz

4) Copy the file jdfutilities-0.0.1.tar.gz into C:\cygwin\home\<username>

Substitute your username for <username>.

5) Run the newly installed cygwin bash shell and run the commands:

tar xvfz jdfutilities-0.0.1.tar.gz
(this only needs running once)

cd jdfutilities-0.0.1

make
(this only needs running once)

If there are no errors you now have a working conversion environment. Test this by copying a jdf dataset into C:\cygwin\home\<username>\ jdfutilities-0.0.1 and running the command:

./jdf2bruker.exe <filename.jdf> <new_bruker_expname>

substituting your jdf dataset name for <filename.jdf> and your desired Bruker experiment name for <new_bruker_expname>.

6) Move the converted experiment from:

C:\cygwin\home\<username>\jdfutilities-0.0.1\<new_bruker_expname>

to your normal Bruker data directory e.g. C:\Bruker\Topspin\data\user\nmr

7) Run TopSpin, select the newly converted experiment and transform with e.g. efp

8) It may be necessary to reverse the resulting spectrum with the “rv” command (a bug!).