

Transfer Data from AMX-600 to O2 workstation computer room 73

The AMX-600 SGI Indy computer & the SGI O2 workstation computer are on an isolated lan.

Info that you observe on the display screen.

Info about commands that you will type in.

Info about other options.

Opening up a shell window, below is the "motd" that displays

```
-----  
-----  Welcome to the NMR Central Research Facility  -----  
-----  
To ethernet via rcp command, data from the Spectrometer, :  
  
1. grab info with mouse  
  
    rcp -rv iowa:/disk2/data/ _____ /nmr/ _____  
        fill in blanks with 'group' & 'datasetName'  
  
2. Now add a space  
  
3. Now grab following line; and then "enter" key  
  
    /usr/people/o2in73/nmr  
  
OR to copy directly to ZIP drive, use next line instead  
  
    /zip  
  
-----  
  
/usr/biosym/licenses/iowanmr20_n1_6902bf55.950:/usr/biosym/licenses/timestamp_`$  
unixtime_exe` - Ambiguous  
  
iowanmr20%
```

Example of what to enter to copy data from AMX-600 to the O2 computer to have it available for the XWINNMR program (on O2) to locate the data.

```
iowanmr20% rcp -rv iowa:/disk2/data/service/nmr/borneol.600 /u/data/service/nmr
```

```
iowanmr20% rcp -rv iowa:/disk2/data/service/nmr/borneol.600 /u/data/service/nmr
> /u/data/service/nmr/borneol.600
> /u/data/service/nmr/borneol.600/1
> /u/data/service/nmr/borneol.600/1/pdata
> /u/data/service/nmr/borneol.600/1/pdata/1
> /u/data/service/nmr/borneol.600/1/pdata/1/proc
> /u/data/service/nmr/borneol.600/1/pdata/1/proc
> /u/data/service/nmr/borneol.600/1/pdata/1/outd
> /u/data/service/nmr/borneol.600/1/pdata/1/meta
> /u/data/service/nmr/borneol.600/1/pdata/1/meta.ext
> /u/data/service/nmr/borneol.600/1/pdata/1/1r
> /u/data/service/nmr/borneol.600/1/pdata/1/1i
> /u/data/service/nmr/borneol.600/1/pdata/1/base_info
> /u/data/service/nmr/borneol.600/1/acqu
> /u/data/service/nmr/borneol.600/1/acqus
> /u/data/service/nmr/borneol.600/1/acquformat.temp
> /u/data/service/nmr/borneol.600/1/fid
> /u/data/service/nmr/borneol.600/1/wrdisk
> /u/data/service/nmr/borneol.600/2
> /u/data/service/nmr/borneol.600/2/pdata
> /u/data/service/nmr/borneol.600/2/pdata/1
> /u/data/service/nmr/borneol.600/2/pdata/1/proc
> /u/data/service/nmr/borneol.600/2/pdata/1/proc
> /u/data/service/nmr/borneol.600/2/pdata/1/outd
> /u/data/service/nmr/borneol.600/2/pdata/1/meta
> /u/data/service/nmr/borneol.600/2/pdata/1/proc2
> /u/data/service/nmr/borneol.600/2/pdata/1/proc2s
> /u/data/service/nmr/borneol.600/2/pdata/1/meta.ext
> /u/data/service/nmr/borneol.600/2/pdata/1/luta
> /u/data/service/nmr/borneol.600/2/pdata/1/2rr
> /u/data/service/nmr/borneol.600/2/pdata/1/dsp.hdr
> /u/data/service/nmr/borneol.600/2/pdata/1/p2r2
> /u/data/service/nmr/borneol.600/2/pdata/1/p2r1
> /u/data/service/nmr/borneol.600/2/pdata/1/dsp
> /u/data/service/nmr/borneol.600/2/pdata/1/level
> /u/data/service/nmr/borneol.600/2/pdata/1/loc_level
> /u/data/service/nmr/borneol.600/2/pdata/1/dsp.exp
> /u/data/service/nmr/borneol.600/2/acqu
> /u/data/service/nmr/borneol.600/2/acqus
> /u/data/service/nmr/borneol.600/2/acquformat.temp
> /u/data/service/nmr/borneol.600/2/acqu2
> /u/data/service/nmr/borneol.600/2/wrdisk
> /u/data/service/nmr/borneol.600/2/acqu2s
> /u/data/service/nmr/borneol.600/2/ser
> /u/data/service/nmr/borneol.600/2/pulseprogram
> /u/data/service/nmr/borneol.600/3
> /u/data/service/nmr/borneol.600/3/pdata
> /u/data/service/nmr/borneol.600/3/pdata/1
> /u/data/service/nmr/borneol.600/3/pdata/1/proc
> /u/data/service/nmr/borneol.600/3/pdata/1/proc
> /u/data/service/nmr/borneol.600/3/pdata/1/proc2
> /u/data/service/nmr/borneol.600/3/pdata/1/proc2s
> /u/data/service/nmr/borneol.600/3/pdata/1/outd
> /u/data/service/nmr/borneol.600/3/pdata/1/meta
> /u/data/service/nmr/borneol.600/3/pdata/1/meta.ext
> /u/data/service/nmr/borneol.600/3/pdata/1/luta
> /u/data/service/nmr/borneol.600/3/pdata/1/2rr
> /u/data/service/nmr/borneol.600/3/pdata/1/dsp.hdr
> /u/data/service/nmr/borneol.600/3/pdata/1/p2r2
> /u/data/service/nmr/borneol.600/3/pdata/1/p2r1
> /u/data/service/nmr/borneol.600/3/pdata/1/dsp
> /u/data/service/nmr/borneol.600/3/pdata/1/level
> /u/data/service/nmr/borneol.600/3/pdata/1/loc_level
> /u/data/service/nmr/borneol.600/3/acqu
> /u/data/service/nmr/borneol.600/3/acqus
```

Next we need to change directories in order to change the name of a parameter file, so that parameter info can appear on plots. {To Acquire data on 600, we use an older version (2.1) of XWINNMR because of Software support issues with Hardware}

```
iowanmr20% cd /u/data/service/nmr/borneol.600/3
```

```
iowanmr20% l
```

```
iowanmr20% cd /u/data/service/nmr/borneol.600/3
iowanmr20% l
./          acqu          acqu2s       acqu        ser
../        acqu2         acquformat.temp  pdata/
```

Next we need to change the name of a parameter file, so that parameter info can appear on plots.
(For all EXPNOs)

```
iowanmr20% cp acquformat.temp format.temp
```

```
iowanmr20% cd ../2
```

```
iowanmr20% cp acquformat.temp format.temp
```

```
iowanmr20% cd ../1
```

```
iowanmr20% cp acquformat.temp format.temp
```

```
iowanmr20% cd
```

```
iowanmr20%
```

To start using XWINNMR vers. 3.1

```
iowanmr20% xwinnmr
```

To copy data to zip disk instead.....

```
iowanmr20% rcp -rv iowa:/disk2/data/service/nmr/borneol.600 /zip

> /zip/borneol.600
> /zip/borneol.600/1
> /zip/borneol.600/1/pdata
> /zip/borneol.600/1/pdata/1
> /zip/borneol.600/1/pdata/1/proc
> /zip/borneol.600/1/pdata/1/procs
> /zip/borneol.600/1/pdata/1/outd
> /zip/borneol.600/1/pdata/1/meta
> /zip/borneol.600/1/pdata/1/meta.ext
> /zip/borneol.600/1/pdata/1/lr
> /zip/borneol.600/1/pdata/1/li
> /zip/borneol.600/1/pdata/1/base_info
> /zip/borneol.600/1/acqu
> /zip/borneol.600/1/acqus
> /zip/borneol.600/1/acquformat.temp
> /zip/borneol.600/1/fid
> /zip/borneol.600/1/wrdisk
> /zip/borneol.600/2
> /zip/borneol.600/2/pdata
> /zip/borneol.600/2/pdata/1
> /zip/borneol.600/2/pdata/1/proc
> /zip/borneol.600/2/pdata/1/procs
> /zip/borneol.600/2/pdata/1/outd
> /zip/borneol.600/2/pdata/1/meta
```

