

Copying Mark5 data

For a local copy to pam-store

- Run /opt/jive5ab on pkmk5b-ext (as oper)
- Run jive5ab on pam-store-ext (as vlbi)
- On pam-store-ext run m5copy 'mk5://pkmk5b-ext/A/*' file://pam-store-ext/data/mark5/v493c/

For a direct transfer to cass-01-per

On pkmk5b as oper:

```
EndDIM          # (Kill existing DIMino)
jive5ab
```

On pam-store-ext as vlbi to see what data is on each bank:

```
DirList.py -a pkmk5b-ext -b A
DirList.py -a pkmk5b-ext -b B
```

On cass-01-per (or whatever destination machine) as yourself:

```
/opt/jive5ab -p 40050
```

On pam-store-ext as vlbi:

```
m5copy -udt -p 40051 'mk5://pkmk5b-ext/A/v566a*' file://cass-01-
per.it.csiro.au:40050/OSM/PER/CASS_LBA/data/2018/v566a/Parkes/
```

Recovering blank User Directory

- Download fusemk5a, from <http://fusemk5a.sourceforge.net/>
- Edit Makefile as per below and compile

```
10,11c10
< #LD_SDK = -lssapi
/usr/local/src/streamstor/linux/driver/lib/libwdapi1110.so
< LD_SDK = -lssapi
/usr/local/src/streamstor/linux/driver/lib/libwdapi1031.so
---
> LD_SDK = -lssapi
/usr/local/src/streamstor/linux/driver/lib/libwdapi1110.so
15c14
< CF_SDK = -DXLR_SDK_VERSION=10
```

```
---  
> CF_SDK = -DXLR_SDK_VERSION=9
```

- Parse fs log to create text dirlist ./fuseMk5A/fslog2scanlist.py v493cpa.log v493c.scans. If 2 diskpacks, edit appropriately
- Create a binary version of the userdir ./fuseMk5A/text2userdir.py v493c.scans v493c.dir
- Write the userdir to the diskpack in bank A ./fuseMk5A/writeuserdir v493c.dir

JIVE5ab File2File copying

cira10 to cass01-per

- On cira10 run jive5ab
- On cass-01-per run jive5ab -p 50033
- On cira10 run m5copy -p 40034 'file:///data/vt02ad/*' file:///cass-01-per.it.csiro.au:40033/OSM/PER/CASS_LBA/data/ASKAP/vt02ad/

However TCP so very slow - 29 Mbps. UDT won't work as firewall not setup

Copying data to Shanghai

- Data directory /data1/geo/raw/aua011/pa (for example)
- IP 159.226.233.196
- Usual pcfs username
- VLBI public key

From:
<https://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

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Last update: **2018/08/29 16:01**

