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# Mopra Computing and Data Handling

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# Objectives

- Get an overview of the available systems
- Adequately prepare for the data you expect to take
- Prevent disc-jockey sessions
- Some general information
  - Machine inventory is being taken, some will be removed
  - Replacement for Kaputar is on the way

# What's where

At Mopra

bigrock  
mpccc1

At ATCA Control Room

pyroclast  
kaputar

# What runs where

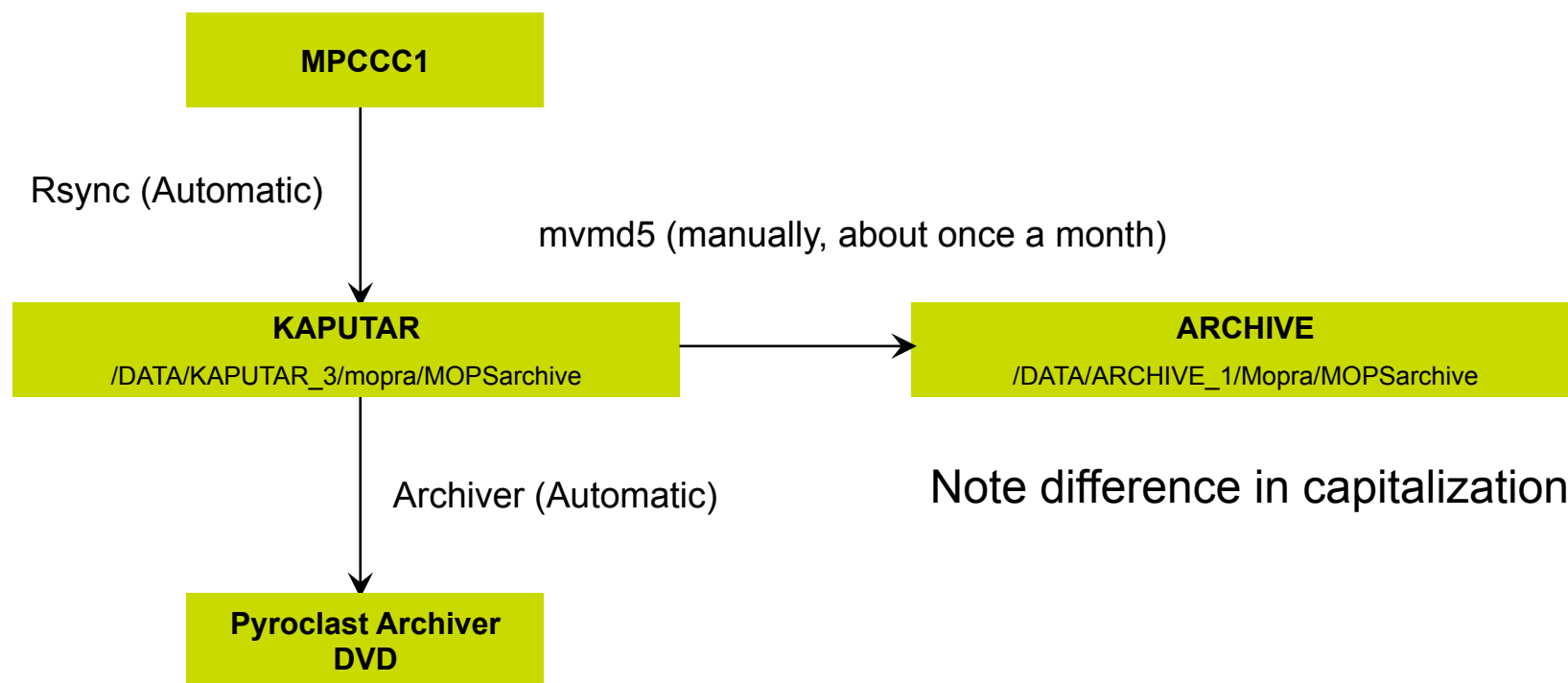
## At Mopra

TCS, attest, atdrivemon,  
sio\_point, MOPS, spd,  
Motp, mops\_vis

## At ATCA Control Room

X11 server, k3b,  
archiver, TOAD, Monica

# Data Taking and Archival



# Data amounts to expect

- For broadband observations, expect
  - 9 GB per 24h of observing
- For narrowband observations with 16 zoom windows, expect
  - 18 GB per 24h of observing
- In other words: Bring a truckload of DVD's. Or better yet, and external harddrive.
  - Brett, the friendly IT supporter in Narrabri, will gladly help you connect your external drives

# DVD burning

- For those depending on DVD's, or wanting additional backups
  - DVD's can be burnt on Pyroclast, either with the automated archiver, or with K3b
  - If you burn with K3b, make sure you insert the DVD into the proper machine (i.e. Pyroclast).

# Australia Telescope Online Archive (ATOA)

## Coming soon ...

- Mopra data will be included in the Australia Telescope Online Archive (ATOA)

<http://atoa.atnf.csiro.au/>

- This will be for MOPS data only



# Summary

- Keep Human Factors in mind
  - During both planning and execution of your observations
- Go read the MUM or refer to this presentation if you need to restart programs
- Ask support staff if in doubt