



Science & Technology  
Facilities Council

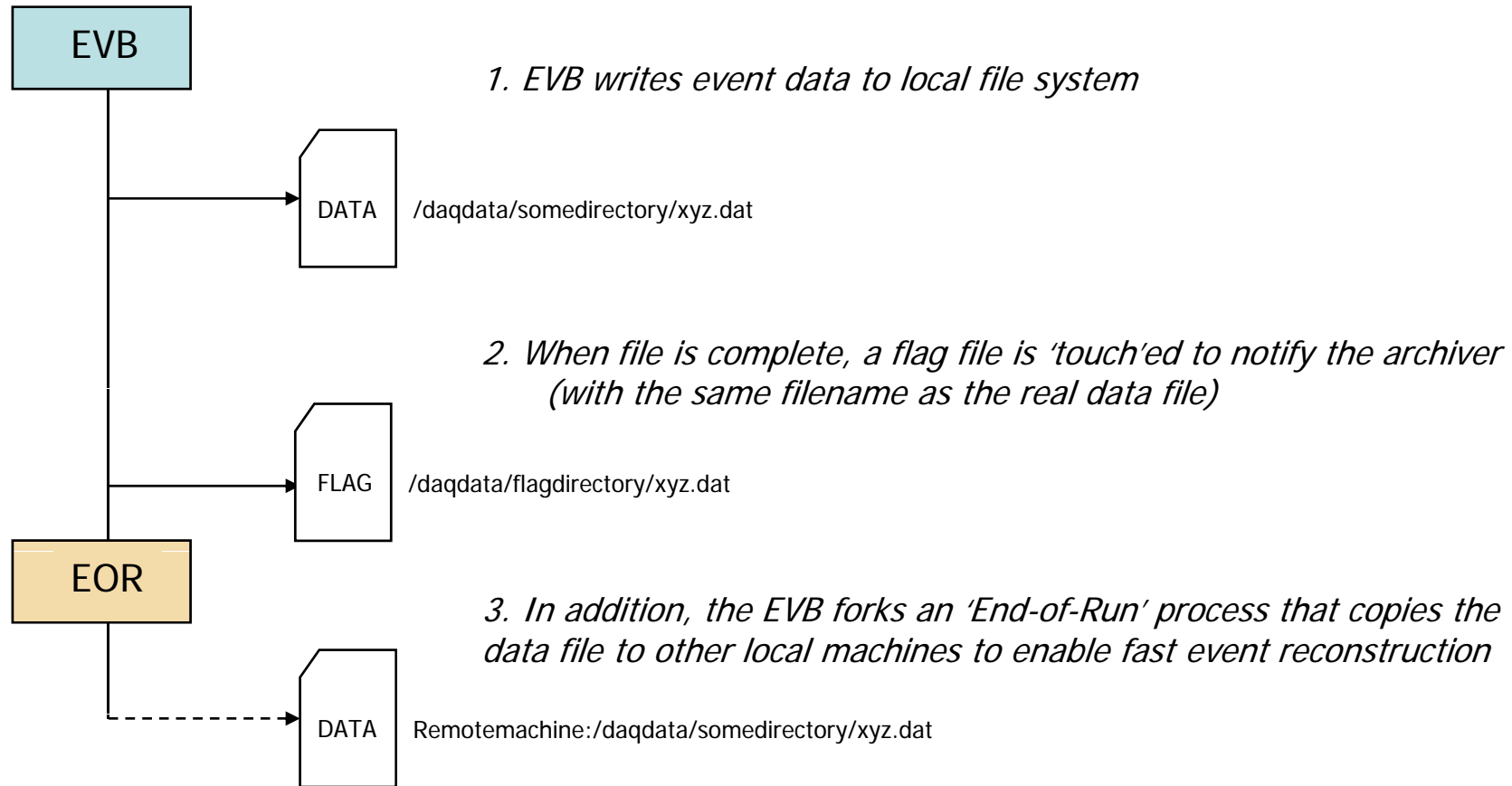
# The MINOS Data Archiver

MICE Workshop 23-25 July 2007

Matt Thorpe, STFC

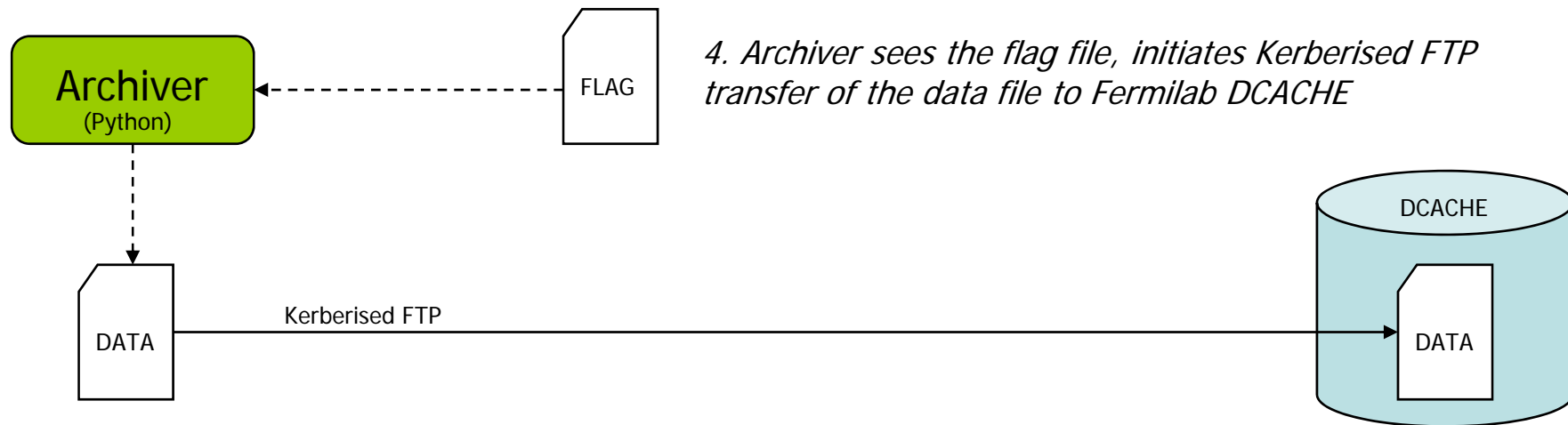


# Event Builder





# Archiver Architecture



*4. Archiver sees the flag file, initiates Kerberised FTP transfer of the data file to Fermilab DCACHE*

*5. Archiver checks the file size of the local and remote files, and redoes copy if they are not equal.*

*6. Archiver then moves the flag file into an 'Archived' directory, showing that the data file has been successfully archived to the datastore.*



# Autoclean

- Autoclean is a cron-run script that removes old archived files from the local filesystem
- Only files that have been flagged as archived are removed
- Attempts to maintain a set level of free space on the local disk by removing data files, oldest first
- Will also remove any file over 8 days old
- Also cleans other DAQ temporary files



# Logging

- Both the Archiver and the Autoclean scripts are integrated into the MINOS logger
- Allows errors to be recorded from both
- This logger sends emails to administrators on recurring error conditions so they can intervene