DØ computing in Prague

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Manpower

– Alexander Kupčo

– Miloš Lokajíček

– Karel Smolek

– Karel Soustružník

New hardware

– new 2 PC Linux farms (Brno, Prague)

– 16+1 dual processor computers

– CPU PIII 733 MHz, 1GB memory, 9GB hard drive

– CESNET, project DATAGRID

– in long term we will be allow to use about 50% of resources

– 1TB disk array (about 200GB dedicated for DØ)

Software status

– production release p05.00.04

– switch to new version of mc_runjob

– Heidi's tar file for new version of d0reco not tested yet

– problems:

- some missing RCP files in new version of mc_runjob
- we used that from version 2.2.9

– we can run isajet, pythia, d0gstar and d0sim

– we still cannot run d0reco

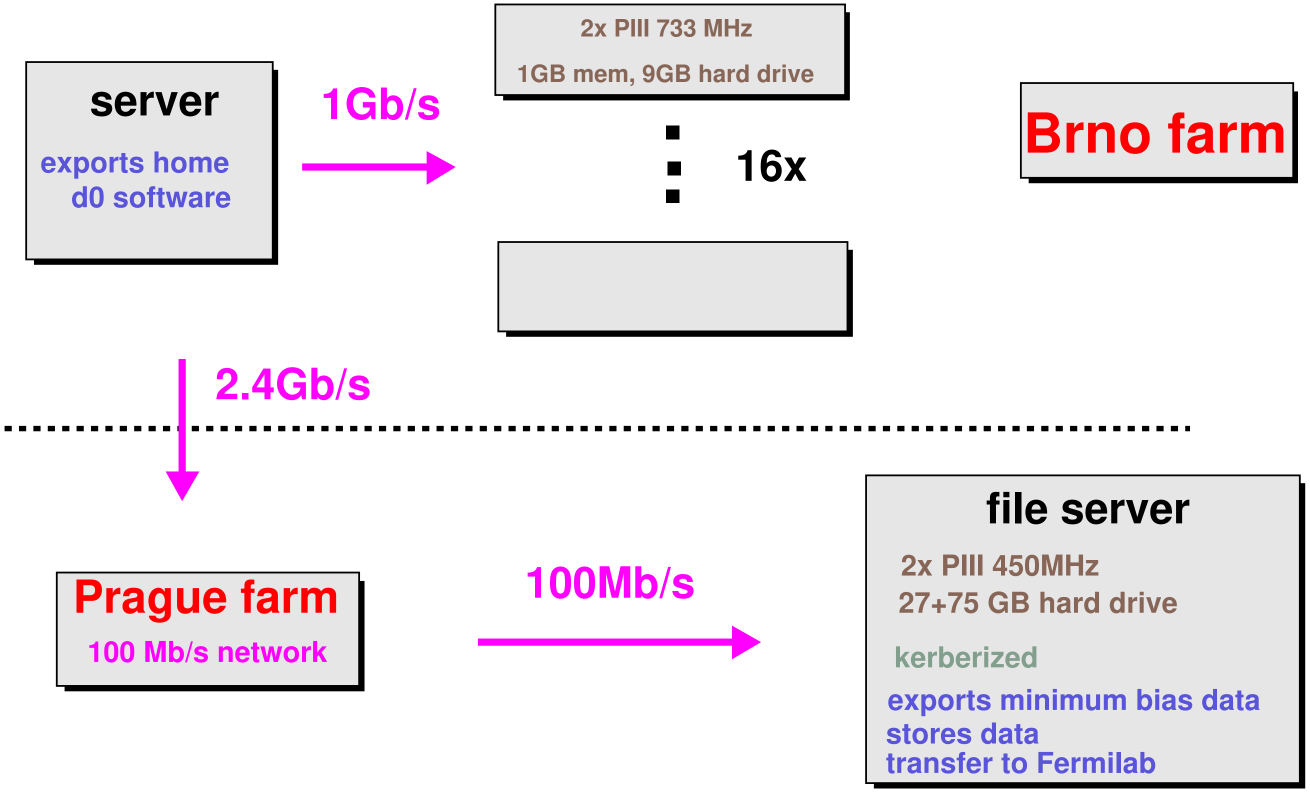
Production status

– made a lot of test productions

– minimum bias data: 64 kEvents

– to do list

- test d0sim production (to see if one fileserver for minimum bias is enough)
- try to transfer the data to the Fermilab (test mc_runjob python scripts, test network connection on large amount of the data)
- install new version of d0reco


server
exports home
d0 software
1Gb/s
2x PIII 733 MHz
1GB mem, 9GB hard drive
16x
Brno farm
2.4Gb/s
Prague farm
100 Mb/s network
100Mb/s
file server
2x PIII 450MHz
27+75 GB hard drive
kerberized
exports minimum bias data
stores data
transfer to Fermilab