

# IFDH Update



- Why IFDH?
- Updates to ifdhc utilities
  - output staging prototype
  - ifbeam updates/split-out



# Why ifdh?



- easy migration from nfs-direct copies
- static interface
- lets us make changes
- lets us add monitoring



# Updates -- ifdh output staging

- Prototype for running at remote sites
- Stages output to "neighborhood" SRM
- one job at a time copies back to FNAL
- others see that a copy-back is running and quit
- triggered by IFDH\_STAGE\_VIA environment variable:

```
export IFDH_STAGE_VIA='$OSG_SITE_WRITE' # note quotes
jobsub -e IFDH_STAGE_VIA ...
```



## Updates -- ifdbeam updates, split-out



- ifbeam code now uses "wda" layer from database group
- "wda" in turn uses libcurl; so right version for platform is important
- ifbeam now packaged as separate ups product (v1\_2\_x and later)
- interface defaults URL so you shouldn't need to update your code for changes





