

Conclusions

- **Analysis model**

- Goal: physics productivity

- Modularity of data reduction and analysis steps

- Most of the steps within the framework

- Maintain link to framework libraries and tools

- Persistency of analysis products (candidates and variables)

- » Reduce CPU time

- » Massive ntuple production is less appealing

- Access to different level of details in the event store

- Changes in reconstruction \Rightarrow physics

- **Distributed computing**

- Effort to delocalize computing and to use all the available resources

- Migration of the existing software/set-up to the Grid

Conclusions

- Not enough resources at FNAL ⇒ Move to use remote institutions cpu/disk:
 - CDF:
create dCAF used for MC production and data analysis
 - D0:
Remote Farm used for MC and data reprocessing
 - Need skilled people to install and maintain it
 - Scalability is a problem, more and more data are coming

- Not enough "dedicated" resources ⇒ use GRID
 - Need to adapt an "old" code, catalogue and storage to the new middleware
 - Need to run every day ⇒ GRID working and well performing 24/7/365 not only for data challenge