

# A few Computing Items

DESY CMS Meeting January 25<sup>th</sup> 2010

Christoph Wissing



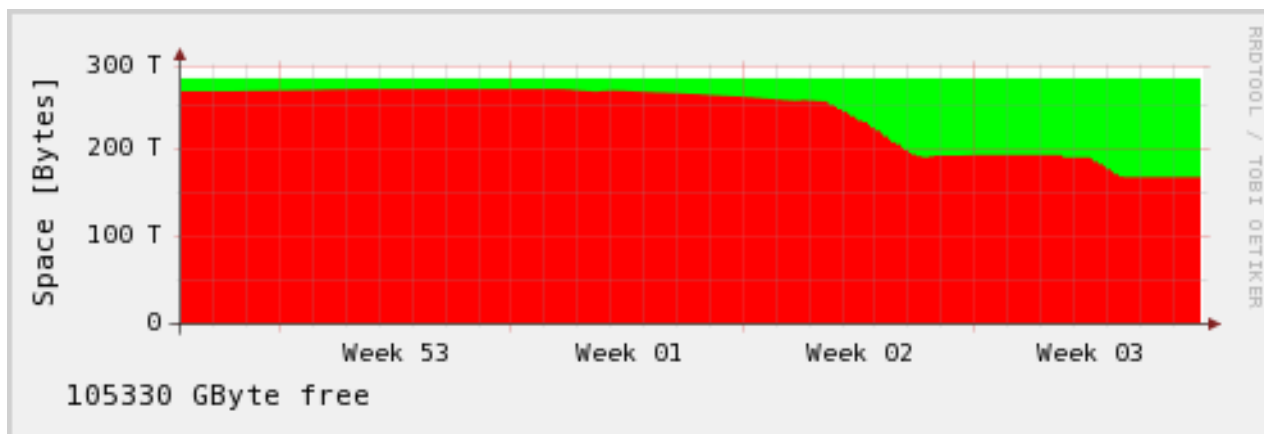
DESY

# First Collision Data

- ◆ **Distributed infrastructure worked rather well**
  - Data delivered to Tier-2s in a few hours
  - Only a few hick-ups due to too large files
- ◆ **Data through put lower then designed**
  - Real challenges for the infrastructure yet to come
- ◆ **Two reprocessings of collision data end of December**
  - CMSSW\_3\_3\_6\_patch3 (SL4 build)
  - CMSSW\_3\_4\_1 (SL5 build)
- ◆ **Post-Mortem Computing workshop**
  - February 26<sup>th</sup>

- ◆ **Deployment of native SL5 builds**
  - **All sites need a “bootstrap” procedure**
    - Bootstrap might be tricky
  - **6 Tier-1s (EGEE region), ~30 Tier-2s (EGEE region)**  
[EGEE ~ Europe and Asia]
  - **Deployment started middle of December**
  - **5 out of 6 Tier-1s and ~75% of Tier-2s ready before Xmas**
- ◆ **Most work done by Wolf**
  - **Improved deployment tools**
    - Used in “production” for the 1<sup>st</sup> time
  - **Besides tools: A lot communication to sites**

- ◆ **DESY resources used to look into 1<sup>st</sup> collision data**
- ◆ **Quite some storage clean up**
  - **Data-managers: Hartmut Stadie & Christian Sander – UHH**



- ◆ **New VOBX machines in production**
  - 4 new servers to replace old machines
  - 2x Squid (database cache) 1x Phedex (data transfer)
  - 1x Development/Backup

# Computing Shifts at DESY

- ◆ **1<sup>st</sup> Computing shifts at DESY Remote Center**
  - Two shifts during 1<sup>st</sup> week of December (ChW)
  - Actually not much different compared to CMS Center CERN
- ◆ **Another good use case for the Remote Center**
- ◆ **Full MoU credits :-)**
- ◆ **Still a few things to improve**
  - (Local) documentation to be written (ChW)
  - A few more “shifties” to join (you?)