Status of the MDT Production Database at LMU Munich

Jörg Dubbert

Munich University

ATLAS MDT Database Meeting

Rome, 10.11.2000

- Introduction
- Situation
- Future Plans

A copy of the transparencies can be found at
/afs/cern.ch/user/j/jdubb/public/mdt_db/talk_101100.ps

Introduction

- **Munich University** performs **Redundant Quality Control** of **Single Tubes** produced in **Dubna**
  - HV Test
  - Wire Tension Measurement
  - Gas Leakage Test
  - Wire Position Measurement (X-Ray)
- **Add** additional **data** to **Dubna DB**
  Possibly reject tubes
- **Tubes** are **used at MPI Munich** to build **BOS Chambers**
- **Present: All tubes** are **remeasured**
- **Future: Sampling of 10–15%** of the tubes

Situation

Munich is using exclusively UNIX/LINUX

Approach:

- Convert Access DB to MySQL DB
- Update MySQL DB under Linux
- Convert MySQL DB back to Access DB
- Ship DB off to Rome

Advantage: Flexible as database can be used/accessed under Linux

Online input possible

Disadvantage: It doesn't work yet . . .

Future Plans

Short Term Plans

- Use VMware to run WinNT under Linux
- Use Access
- Import our data from ASCII files off-line

Long Term Plans

- Use initial approach as it offers more flexibility and is less error-prone