

Report for Belle II DH group

2010.05.06

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Contributions

- CHEP '10 (Deadline: May 14)
 - “Belle II Data Handling System”
 - Too long (less than 250 words)
 - Including all the system besides AMGA
- Draft for JKPS
 - “Design of the Advanced Metadata Service System with AMGA for the Belle II Experiment”
 - Sunil Ahn, J.H. Kim, K. Cho, S.W.Hwang et al.

Data Handling Process (5/6/10)

- The whole process:

KISTI

Melbourne

- Data Transfer => Extraction => Scalability => Replication => LFC => Grid farm
- KISTI takes care for up to LFC. Then, Melbourne gets LFC file and does Grid test.
- JungHyun is rebuilding from metadata attributes to logical files. Therefore, Junghyun gives logical file name to Tom.

- The procedure for metadata is as follows:

HEP&AMGA Team@KISTI / Poland Melbourne / NSDC

- Metadata => LFC => SE => Physical Data
- For this processing, we are installing Grid SE
=> Today's Talk by Beob Kyun

Current Status

- To finish whole process from data extraction to grid
 - Transfer - done
 - Extraction 4/8-4/18
 - Scalability test 4/19 – 5/7 => Today's talk by J.H. Kim
 - Generating the random meta data for scalability 5/08 ~
 - LFC - Melbourne => Today's talk by Tom
 - Grid – Melbourne
- To meet question's for PAC meeting
 - For DH system, prototype run will cover it.
 - For AMGA itself, Dr. Hwang will cover it.

From AMGA Team

- Dr. Soonwook Hwang's comment (5/7)

When we get questions from TDR reviewers or PAC meeting on AMGA, we will give the answers.

Discussions

1. We will update the results of plots and figures.
2. Next Belle II Data Handling Working Group meeting
- on Thursday, May 20, 17:00 (KEK time).

Thank you.

Belle II Time schedule

- 2014 April – Collider turn on
- 2012 February – Ready for Computing
- 2011 Summer – Rough final system
- 2010 Summer – Prototype system
 - Spec & Test
- 2010.5 PAC – Ready for questions
 - Computing & Pixel