

JCOP Project Team Meeting

Thursday, February 26th, 2004 @ 11.00

There were about 24 persons present at this meeting.

1. Minutes of the previous meeting
There were a no comments to the minutes of the last meeting.
2. News
Paul reported that following feedback from the experiments (and in particular Atlas), he has begun constructing the “Realistic Project” for the next round of Scaling Up tests. He further handed round a document describing the results of the alert avalanche tests in a distributed system, that were carried out in January. That document contains the numbers. The prime point of note is that the UI “crash” under heavy load is actually a feature. The Event Manager chooses to sever connections with (slow) UIs rather than to get into a state where it (the EM) might lose data. Once this behaviour is understood, then it clearly demonstrates PVSS’s resilience against overload in this context.
3. Redesigned Framework – Manuel Gonzalez Berges
Manuel gave a summary of the reasons for redesigning the FW and the major changes that have resulted. He then gave an overview of the current status and the work that is in progress. His slides can be found at:
<http://agenda.cern.ch/askArchive.php?base=agenda&categ=a04554&id=a04554s1t4/transparencie>
[s](#)

The following questions were raised:

- For CAEN are both DIM and OPC supported in the new FW? No, only OPC.
 - When will the documentation be available? A basic introduction to the FW, as prepared for the training courses, will be available soon. More detailed documentation, i.e. reference manual type documentation, will probably be built into the FW itself as Help pages. This concept needs to be discussed and agreed by the FW WG. The current feeling is that detailed reference manuals will be very difficult to maintain and are likely not to be used extensively – this is the experience from the previous FW. Developers’ documentation will also be provided but is considered to have a lower priority for the moment except in the cases where the developer will leave in the near future.
 - What is the status with Oracle archiving? There have been problems in using the Oracle archiving. However, IT-CO has been in contact with ETM which has been very responsive. Many of the problems, including the need to run the database on Windows (Solaris is the standard for CERN), have been resolved. A new version was received at the end of last week but still has to be tested.
4. A.o.B.
There were two points under A.o.B.
 - The current PVSS RC1 license expires at the end of May. To allow sub-detectors with test beam applications to run past this date CERN requested a version without this expiry date. This is available and will be placed on the PVSS download site. However, it should be noted that this is a more recent development version than RC1, which should be better, but will not have been tested with the FW. The official release of 3.0 is still expected at the end of March. (This has since been confirmed with ETM).
 - On a request from CERN the official release of PVSS version 3 will include libraries compiled with gcc 3.2. However, the PVSS managers themselves will still be compiled with gcc 2.96.

The next meeting will be on 11th March at 11:00 in 160/1-009 and will include a presentation on the new FW FSM component and the integration of SMI++ with PVSS. The following meeting there will be a presentation on the Configuration DB component and there will be a future presentation on the Trending Tool.

There were no further topics under A.o.B.