

MINUTES 14-Sep-2011 EPICS V4 Working Group telecon.

Directory service ---

Channel Finder can put any information to a name.....

---- list of names, each name can have tags, and properties (key, value pairs)

---- This sounds perfect as long as it is fast enough

---- Channel finder is available as a web service

---- talking about connecting the web service to a PVService to provide this result as a PVTable

---- Not clear who would do the work.... Looking for someone to do this.

---- Is the directory service general enough..... CF update. Directory service, IOCs update PVs on boot up. Parent is IOC name. host name. Something listens to this change, gets the new update, opens the file and updates the delta and sends one transaction to the service. Physcs group adds things to the directory service already. Data can be taken from IRMIS to stick it in. Other things could populate this table – such as the archiver. There is a CSS application that also interacts with this service. Requested documentation to do the back end and add things to this service.

Mercurial / Maven

Demonstration of how the source control is being done in mercurial / maven

Demonstration of Maven in this repository

Showing repository, unit testing,, etc.....

Want a cheat Sheat? Want to use It and learn the tools.....

Do not need to learn everything – Gabriele did that.

First add a hello world and a unit test.

Matej is already using this. Marty is having trouble with Eclipse. Gabriele is using Netbeans. Matej supports using what Gabriele has set it up (Marty together with Matej and Kunal to support Eclipse).

Charter

Directory service and gather

TBDs taken out.

Please review this everyone..... URL to be attached here.

Need a formal buy off on this target.

Section by section review:

Mission

Scope and goals: accepted

Interoperability Goals: appropriate

Performance Goals:

Better than 101% of CA: for scalars, large data, and metadata

Under streams

80% of the capacity of the media and

90% of the stream socket capacity

Out of scope:

Windows service side is out, client side is in

Success criteria:

Directory service – deliver

Policy:

EPICS open license

By consensus the charter is approved.

Milestones:

These were not included.

They need to be listed out.

Send these to Greg ---- we want to capture the low hanging fruit first.

Directory service through PV access

Gather service through PVAccess

Table service

Statistics service

Image service

Action item: greg produce a real service to the database (which one from above? Table?) Sept 31st.