

First Steps to WBS

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Why WBS?

- WBS is a staple document in project management and we'll need to have it eventually, we must make first steps towards that goal now.
- There is an understanding that we get some seed funding to cover basic needs of core software and computing infrastructure in near to medium future, and for that we need a well defined scope of work to be done and its distribution.
- Also a useful tool to help us meet our milestones for the May 2014 review, which we must do.

Initial ideas for the WBS were the topic of the Focus Meeting earlier today.

Scope and timeline

- Disclaimer: May 2014 sets a natural timescale of this cycle of WBS. We'll have to plan separately for a longer term plan, at a later date.
- There is a broad consensus about the basic immediate action items, which can be summarized as creating the initial prototype of LBNE Grid. This includes:
 - Software build and validation according to the S&C Requirements
 - Initial version of Software Distribution mechanism
 - Grid software stack (already exists at most location) and possibly a WMS interface
 - Initial data management system
- Online components for 35t need to be better scoped out, they are necessary to discuss and we'll do it in near future. For the purpose of this presentation, we'll concentrate on the Grid aspect of our work as outlined above.

Participants

- FNAL remains of natural focus of LBNE S&C activity, however the focus of this initial WBS is in getting other institutions involved in order to productively broaden the effort profile and achieve a more symmetrical, more distributed model for LBNE computing.
- In the current planning cycle we focus on National Labs, and one University participant with which we already have a working relationship
 - BNL
 - LBNL
 - ANL
 - UTA
- There is a preliminary understanding that these organizations will provide immediate uncosted effort of the order of ~1FTE each (likely fractional at first) and this will be revisited depending on our interaction with the funding agencies
- A preliminary estimate of 6 FTEs to work on the work items presented here was considered reasonable.

Conclusions

- Today was the first time we discussed the WBS in any shape or form, and there is much work to do.
- We will definitely follow up on this and a draft document will be created within a few weeks.