

LCG Persistency Framework Project

Boundary Conditions and Overall Schedule

Torre Wenaus, BNL/CERN





Current State of Persistency Framework Schedule

Date	End	Description	WBS ID	ID#	ID name
2002/6/5	Milestone	Hybrid event store workshop Keys: ms lcg2 lcg app data WBS: lcg:/lcg/app/data/frame To address software design, plans, and work allocations to meet the September prototype persistency framework milestone.	lcg:1.1.2.1	10207	
2002/6/9	Milestone	Persistency framework status report Keys: ms lcg2 lcg app data WBS: lcg:/lcg/app/data/frame A summary report reflecting status and outcomes after the persistency workshop, preliminary to the complete July work plan. To be delivered to the SC2.	lcg:1.1.2.1	10208	
2002/9/15	Milestone	First prototype release of hybrid data store Keys: ms major lcg1 lcg2 lcg app data WBS: lcg:/lcg/app/data/frame A first prototype hybrid data store capable of providing event data persistency in a production setting, and supporting also non-event data persistency. This will be a release for development and testing by developers and experts. Deployment in (at least) one and some.	lcg:1.1.2.1	10212	
2003/1/31	Milestone	Persistency framework 'interface-complete' release Keys: ms lcg2 lcg app data WBS: lcg:/lcg/app/data/frame A release of the persistency framework in which interfaces which may have not been implemented in the 9/2002 prototype because of time pressures, are delivered. This is still a 'developers and experts' prototype release. The first general release follows later this year.	lcg:1.1.2.1	10214	
2003/6/1	Milestone	General release of hybrid event store Keys: ms major lcg1 lcg2 lcg app data WBS: lcg:/lcg/app/data/frame A more functional and robust version of the persistency framework (but not yet a full function release). This will be a release offering basic hybrid persistency services, properly documented and packaged for general use by the experiments.	lcg:1.1.2.1	10215	
2005/3/1	Milestone	Full function release of persistency framework Keys: ms major lcg1 lcg2 lcg app data WBS: lcg:/lcg/app/data/frame Completion of the fully functional persistency framework.	lcg:1.1.2.1	10218	



This Workshop: Purpose

- ◆ To address software design, plans and work allocations to meet the September persistency framework prototype milestone.
 - ◆ We do need to focus this workshop on the concrete program to September

- ◆ We are rushing to an early prototype: this is in my view a good thing
 - ◆ An initial prototype implementation based on initial technology choices and whatever prioritizations are necessary to deliver
 - ◆ Deliver working code and a basic working system, then iterate and build on it

- ◆ We are serious about building a framework compatible with introducing other implementations in the future
 - ◆ Committed to clean component breakdowns and interfaces able to support future implementations





This Workshop: Goals

- ◆ We need to emerge from this workshop with
 - ◆ An agreed feature set for the September prototype
 - ◆ What will be delivered, what will be deferred
 - ◆ We must focus available effort on what is to be delivered
 - ◆ An agreed component breakdown covering at least the functionality of the September prototype
 - ◆ Identification of the interfaces for the needed components
 - ◆ Draft specifications for as many as possible
 - ◆ Agreement on as many as possible
 - ◆ Agreement on any prioritizations involving deferral past September of certain 'internal' interfaces
 - ◆ Agreement on approaches – or at least quick decision processes to settle approaches
 - ◆ E.g. persistent references and navigation





Goals (2)

- ◆ Definition of work packages
 - ◆ With scope covering at least the feature set of the September prototype
 - ◆ With estimates of required effort
 - ◆ Assignment of work packages to active participants
 - ◆ Assessment of whether the scope needed for September is covered
 - ◆ Unassigned work packages?
 - ◆ Inadequate available effort in some work packages?
 - ◆ Timeline
-
- ◆ If this workshop fails to settle the specifics of a September prototype – technical, timeline, and work packages allocated to active people – I hold little hope for achieving that milestone!





What Next?

- ◆ Status report to SC2 next week
- ◆ Within 1-2 weeks...
 - ◆ Small focus meetings in work package teams
 - ◆ Get timelines and deliverables from the work package owners within 1-2 weeks
- ◆ Persistency Framework workplan to SC2 July 12
- ◆ Next meeting/workshop...
 - ◆ Status and integration meeting in late August?
- ◆ Next major workshop end September?
 - ◆ Assess what we have (and have not) done and what we have learned
 - ◆ Take a longer view of the development plan





...and enough of the preliminaries!

