

SIT Planning

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Introduction

- This talk will cover two areas:
 1. The shortage of workers in the SIT.
 2. The milestones and planning.
- Much of this talk is taken from a talk that I gave in May.

Personnel

- Personnel changes:
 - Vasily has less time to work as a 2nd librarian.
 - Vincent has finished his thesis and is coming up to speed.
 - We have no release coordinator and will need to find multiple coordinators for the project builds.
 - Roger Jones (Lancaster) has contacted me about providing help on user support/training from some new positions.
- Almost no one is fully dedicated to the SIT.
- Few people are based at CERN.

Personnel

- Working with Dario and David early this year I estimated how short of people the SIT was :

	Needed	Existing	Missing
Central Computing Env.	2.3	0.7	1.6
User Support	3.2	1.1	2.1
Software Process Service	6.9	6.4	0.5
Total	12.4	8.2	4.2

Note: Vasily and Hans are have been added to the chart - both of them started working after the totals were turned into management.

Personnel

- Notable issues (alphabetical order):
 - Someone needed to work on dependency monitoring.
 - Request by SIT Review - we do have some dependency monitoring from checkreq and code monitoring.
 - Documentation could use more people.
 - Need help for porting code to new platforms & compilers.
 - Someone needed to investigate Subversion.
 - The training coordinator is vacant.
 - Need full time user support person.
 - I personally cover the help mailing list and the Atlas Bugs group.
 - Someone needed to support valgrind.

Planning, Schedule, and Milestones

- Many milestones were done more or less on time:
 - Transition to Simba2
 - Reviews
 - Transition to SLC3
 - Kit versioning
 - Release 10.0.0, 10.0.x
 - Transition to Tag Collector 2
 - Transition to Pacman 3
 - Running RTT on a large scale using SLC3
 - Local NICOS builds
 - Support for RH 7.3 has been dropped.

Planning Scheduling and Milestones

- Some current milestones were mostly done:
 - Support for ROOT4 is done.
 - Atlas schema evolution method bypasses the use of ROOT.
 - The use of distcc is ready but not in production.
 - The new testing framework is well along.
 - Will not do full integration - just use common control language
 - Dependency on Zebra and GEANT3 has been removed.
 - Clean-up of web pages is progressing.
 - Work on the workbook is well along.
- Some future milestones are partly completed:
 - Project builds are almost ready for production.
 - Improvement of the code distribution system is underway.

Planning Scheduling and Milestones

- Some milestones are in the future:
 - Support for Opteron in 32 and 64 bit modes.
 - Clean-up CVS repository and decide on using Subversion.
 - Validating project builds
 - Release 11.0.X, 12.0.0, 13.0.0, 14.0.0, etc.
- Need much more specification for the work between now and the start of data taking.

Planning Scheduling and Milestones

- Possible additional milestones:
 - Various ongoing tasks (e.g. CVS maintenance, nightlies)
 - Make decision about LCGAPP, CLHEP
 - Providing source for Atlas and external software
 - Introducing new versions of external packages
 - Dependency monitoring
 - Chasing down remaining checkreq errors
 - Valgrind support
 - SLC4, SLC5?
 - Software patching (asked for by commissioning group)
 - Includes clean documentation of patching included with software
 - Other platform support
 - Generating RPMs from the kit

Planning Scheduling and Milestones

- Possible additional milestones:
 - Better support of users
 - Need people and better/new tools (e.g. HyperNews)
 - Documentation Review
 - Final transition to new web pages
 - Completing various versions of the workbook
 - Clean-up of Atlas Twiki
 - Tag collector improvements
 - RuleChecker - solving bugs and using it to check the code
 - Reaching fixed levels of participation in the SW testing program
 - Improving mailing list archives
 - What have I missed?

Discussion of Task List & Milestones

- This slide to be used list new tasks and milestones.