

SIT Session Intro & Misc Issues

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Introduction

- Welcome to the Software Infrastructure Team (SIT) session at the Munich ATLAS Software Workshop
- This talk will cover a number of coordination and user support issues that won't be covered in other talks:
 - SIT Savannah Reports
 - User support and SIT related HyperNews groups
 - Recent Doxygen users meeting
 - SIT Twiki Pages
 - Release Status Pages
 - Need for more people to work on SIT activities

Infrastructure Savannah Reports

- There are 23 open items in the SIT Savannah group out of a total of 283 reports.
- The oldest open item dates from March 2006
 - Clearly some of the older bugs can be closed.
- The following people are assigned to the open items:
 - Jerome 1 (probably should be closed)
 - Traudl 1
 - Grigori 1
 - Krzysztof 1
 - David 5 (some look closable)
 - Vincent 4 (some look closable)
 - Brinick 2
 - Alex 1
 - Saul 1

User Sup: HyperNews Groups

- While the librarian team (Emil, Krzysztof, Igor, Vasily + DavidQ & the Release Coordinator) do directly answer some questions most user support is done via a few high traffic HyperNews groups:
 - Releases and Distribution Kit Problems (162 threads 2/06)
 - Offline Software Help Requests (244 threads since 5/06)
 - Preliminary/unconfirmed Bugs... (654 threads since 9/05)
 - A number of other groups have support activity
- These groups seem to work very well and most questions posted get answered quickly and accurately by many different people.
 - HyperNews is a success as a user support mechanism and widely used with a total of 1378 members as of March 23.

User Sup: Atlas Bugs Savannah

- The generic bug reporting Savannah group called Atlas Bugs has had 216 bug reports since 2/05.
 - I personally reassign most of the bugs to the appropriate final group.
 - I was very surprised to see that 20 people have signed up to join this group.
 - I would especially like to thank David Rousseau who will occasionally reassign bugs especially during the European morning when I am asleep in the US.
- I am always open to volunteers helping monitor, solve, and/or reassign reports made to Atlas bugs.
 - Feel free to help out - just as people help with the HyperNews groups.

SIT Twiki Pages

- The SIT Twiki pages are significantly out of date.
 - I ask everyone (including myself!) to update the Twiki pages in their area.
 - I thank Stephen for renaming the top level SIT web pages from SIT (which is not a wiki word) to SoftwareInfrastructureTeam (which is a wiki word).
 - I have fixed up the parentage of the SIT Twiki pages so that the so called “bread crumb trail” is sensible.
- There will probably a documentation “stand-down” which will be a period where people are expected to document their work.
 - During the stand-down we will work to improve the SIT Twiki content.

Recent Doxygen Users Meeting

- In mid-February, we had Doxygen users phone conference. The following issues were raised:
 - The users want an obvious, official way to access the documentations. Currently there are ~5 ways browse the Doxygen documentation.
 - Users want to be able to drill down to classes and members.
 - After the meeting, Emil and Ed Moyse/Shawn Roe have provided a way to do this.
 - There was a strong request to browse the Job Options.
 - There needs be good examples of using Doxygen.
 - Martin Siebel has provided a skeleton which should be publicized.
 - There is a clear need to provide ESD/AOD documentation.
 - The latest Doxygen which we adopted for Python support, renders UML diagrams in a way that some users don't like.

Release Status Web Pages

- We need to improve the release status pages.
 - Currently the librarian and/or the release coordinator update these pages using an entirely manual procedure.
 - Automating this process would be helpful and probably make the pages be updated in a more timely way.
 - The various patching cache releases (e.g. 12.0.6.3) are not documented at all.
 - For 12.0.6 the page is at (trivial changes to the URL will get the information for previous releases):
 - <http://atlas-computing.web.cern.ch/atlas-computing/projects/releases/status/12.0.6/>
 - DavidQ proposes adding (e.g. for 12.0.6.2):
 - <http://atlas-computing.web.cern.ch/atlas-computing/projects/releases/status/12.0.6.2/>

Need for More SIT Workers

- As you all know the SIT has relatively few fulltime workers and we are chronically short of people.
 - Much of the work is best effort by (dedicated!) volunteers.
 - Currently I estimate that there are 33 people who are contributing about 11 FTEs.
 - I also estimate that we could easily absorb ~3 more FTEs spread over a number of areas including Testing/Validation, Cross-Platform Compatibility, Doxygen, and CMT.
- Recent and soon to happen personnel changes:
 - Andrea Di Simone replaced Sebastian Binet (Release Coor)
 - Manuel Gallas replaced Martin Woudstra (Job Trans)
 - Vincent Garonne moved form CMT to DDM work.
 - Traudl will stop working on Documentation & HyperNews
 - Some reduction in people working on RTT.
 - Working coordinate histogram processing with Data Quality group.

Final Words

- I would like to thank all of the people who are participating in the SIT activity.
- I imagine that this year will be even more stressful than last year.
- If you are aware of anyone who can contribute to the SIT work, please let me know!