



Computational Science Symposium

March 16th - 18th 2014

Silver Spring Civic Center | Silver Spring, Maryland, USA



Development of Standard Scripts for Analysis and Programming

17 March 2014

PhUSE Computational Science Symposium

Conference Summary



Refined Projects



- P01: Look for existing scripts and store them in the repository (Adrienne Bonwick and Aiyu Li)
 - Work on FDA scripts first
- P02: Define qualification steps for scripts in the repository (Lina Jørgensen/Dante Di Tommaso)
- P03: Maintain and enhance platform (repository) for sharing scripts (Mike Carniello/Hanming Tu) – **Remains as is**
- P04: Legal ownership and issues in open source repository (Sally Cassells) – **Need summary then can close**



Refined Projects



- P05: Create templates **and metadata** for documenting scripts and coding practices (Jean-Marc Ferran/Eric Sun) –
- P06: Refine process for creating and editing scripts in Google Code (Kevin Kane) – **Close (remaining tasks to P03)**
- P07: Implement and further develop communication plan for standard scripts (Dirk Spruck) – **Stays as is**
- P08: Create white papers providing recommended display and analysis including Table, List and Figure shells (Mary Nilsson) – **Stays as is**

We will have 6 projects remaining.



Scriptathon Summary



- Scriptathon – Success!!!!
 - 26 attendees/15 coders
 - 13 Scripts developed
 - Volunteers for the remaining scripts
 - Organize local and annual events





Whitepaper Summary



- White Papers
 - Great Discussion!
 - Six whitepapers
 - ECG, Vitals, Labs – Central Tendency: finalized in 2013
 - ECG, Vital, Labs – Outlier/Shifts
 - Adverse Events
 - Demographics, Disposition, Medications
 - Hepatotoxicity
 - PK
 - One additional white paper planned to be added (QT Studies)
 - Look for writing support



Plans for Upcoming Year



- Continue to build Script Repository
 - Continue creating code for tables and figures as outlined in white papers
 - Look for other existing code sharing libraries
- Continue white paper development
 - Consider updating the first white paper
 - Finalize PK white paper this month
 - Finalize remaining 4 white papers in 2014
 - Consider additional white papers to develop
- Communications
 - Presentations at various conferences
 - Implement other ideas to increase awareness