This poster shows the progress that this PhUSE Working Group has made toward our vision. That is to have a script repository containing shared code (in languages such as SAS and R) that can produce standard displays (e.g., tables, figures and listings) with the associated analysis.

**Goal**
Establish a platform for the collaborative development of program code to be used as analytical tools for clinical trial research, reporting and analysis
- Includes recommendations for analyses, tables, figures and listings.
- Process and guidelines
- Data standards

**Vision**
Reusable code used by all
- Validated Scripts
- Good processes
- Fills gap on analysis standards
- Crowd sourced – continuously improved – shared learning
  - Industry
  - FDA
  - Academic

**Platform**
Script library (Repository)
- Google cloud chosen
- Deal with legal issues
- MIT license
- Industry, FDA, Academic contributors Process guidelines
- Qualification guidelines
- User-friendly front-end
- http://code.phuse.com

**Current Leadership**
Standard Scripts Projects Co-Leads
This group will identify potential standard scripts for data transformations and analyses across and/or within a therapeutic area and exploratory analysis.
- Mary Nilsson: mnilsson@lilly.com
- Hammong Tu: hammong.h.tu@accenture.com
- Stephen Wilson: Stephen.Wilson@fda.hhs.gov
- Mat Soukup: mat.soukup@fda.hhs.gov

**PhUSE**  **FRA**

**Script-athons**
- Actively contribute code
- Qualify contributed code
- Google account required
- Standard Script Group
- Script-athons held in conjunction with events:
  - Annual Conference
  - CSS, PhUSE SDEs

**White Papers**
Outline recommended analyses and displays for common TFLs
- Measures of central tendency
- Outliers or shifts from normal to abnormal
- Adverse events
- Demographics, Medications, Disposition
- Hepatotoxicity
- Non-Compartmental PK
- QT studies, Questionnaires, Events of Special Interest
- TOSNP and Narratives
- Combining studies for Integrated Analysis

**Script Development**
Analytical tools for clinical trial research, reporting and analysis
- Outline in White Papers
- Create code for tables, figures, listings
- Consider SDTM & ADaM code
- Look for other existing code
- Follows process and qualification guidelines
- Collaborative development

**Join Workgroups**
Sign up for the PhUSE working group mailings:
- Goto phusewiki.org
- Click “Join a Working Group”
- See mailing list instructions
- Join “CSS-WG-Standard-Scripts”

Start interacting at:
- [https://code.google.com/p/phuse-scripts/](https://code.google.com/p/phuse-scripts/)
- Join Standard Script Group by sending an email to one of the repository maintainers
- See link under Script-athons

**2012**
First White Paper Published

**2013**
Standard Scripts Kickoff

**2015**
Finish

**2014**

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**Winner’s Circle**
Achieved when members are contributing to, and utilizing, the white papers and standard scripts

**PhUSE CSS 2015**
Join a PhUSE Working Group Today!