

CHIP-SET Hackathon

August 14th 2014

Goals For Today

For each use case:

- 0) Agreement on **Users Stories** for each use-case
- 1) A complete example research object as **a blob of JSON/XML/Other**
- 2) An initial Minimum Information **Checklist** for creating further ROs for each use case.
- 3) An understudying of the **requirements** for each project (e.g. **STELAR**, **clinical codes**, **FARSITE**) to support producing/consuming research objects.
- 4) In light of 3, an analysis of **what we have**, and **what's missing**.
- 5) A **roadmap** for future work in CHIP-SET to address what's missing.

User Stories

Agreement on **Users Stories** for each use-case:

User driven:

`As a <type of user>, I want to <some goal> so that <some reason>,`

e.g.

`As a software developer want to publish my tooling so that it can be reused by others in their analysis.`

Feature driven:

`<action> <result> <object>`

e.g.

`Assign a new DOI to the source code.`

Schedule

09:00 - 09:30	Arrive & Set up
09:30 - 10:00	Intro to Hackathon (Matt) & Split into groups (1 per use case)
10:00 - 13:00	Hands On
13:00 - 14:00	Lunch
14:00 - 14:30	Progress Reports (10 minutes each usecase)
14:30 - 16:30	Hands On
16:30 - ?	Discussion & Road mapping

Practicalities



<https://github.com/CHIP-SET>

github project for CHIP-SET

Contains repositories for each use-case (and then some)

Everyone should be an administrator

Best Practices Document - a guide to things to think about

https://github.com/CHIP-SET/Documents/blob/master/Developing_a_Research_Object_Best_Practices.md

Some Resources

<https://github.com/wf4ever/>

github project for wf4ever project - RO specs / models/ tooling

<http://purl.org/wf4ever/ro-bundle>

The robundle specification

<https://github.com/wf4ever/robundle>

The java robundle API

<https://github.com/myGrid/ruby-ro-bundle>

ruby implementation of robundle API