

Weekly Report

Team Dec 15-12

Week 3: Sept 7th - Sept. 13th

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| Advisor | Dr. Rajan | |
| Client | Dr. Rajan | |
| Team Members | Dalton Mills | Webmaster |
| | David Johnston | Team Lead |
| | Trey Erenberger | Key Concept Holder |
| Project | @PaniniJ | |

Weekly Summary

We met first during Dr. Rajan's Lab Wednesday lab meeting and talked about what his expectations were for the coming weeks. Dr. Rajan suggested that our primary focus should be determining what features we need to finish for the 0.1.0 release. We have combed the outstanding issues as well as reviewed the features that were planned from last semester to compile a list of key development elements needed for the 0.1.0 release. We have detailed the result in our technical progress section. We also learned of some parallel work being done on the @PaniniJ project by Dr. Rajan's graduate student regarding his paper on mixing execution profiles. This work may require some tweaks on our end.

Our second meeting was Saturday Sept. 12th on Google Hangouts during which we reviewed Dr. Rajan's comments and compiled our list of outstanding features. During this meeting, David's pull request regarding renaming @Wired to @Import was merged into the master branch.

Technical Progress

We have decided on some key topics for the 0.1.0 release. Note that all of these features are tagged on [github issues under v0.1.0-release](#).

- Make Compatible with Java 1.7 (currently uses 1.8) -Issue #47
- Rename Modules to more standard (code-gen/apt -> proc) - ~~Issue #49~~

- Rename @Wired and @Child annotations to @Import and @Local - ~~Issue #48~~
- Fix minor issue with duck constructors - Issue #46
- Fix minor issue with capsules in default package - Issue #45
- Fully document runtime package in javadoc style (with examples) - Issue #53
- Add basic syntactic static checks - Issue #52
- Create tests for syntactic static checks - Issue #54
- Create tests for procedure args - Issue #56
- Create tests for procedure returns - Issue #55
- Lastly: Deploy to Maven Central - Issue #50

Meetings

Weekly Advisor Meeting

Members Present: All

Additional Participants: Dr. Rajan

Date & Location: Wednesday Sept. 9th; Atanasoff 101

Minutes:

- Dr. Rajan has told us to prepare for a 0.1.0 release
- We need to decide what features the release will have
- Send pending list of features to Dr Rajan for final approval
- One feature should contain documentation on the end-user code, including many examples

Weekly Collaboration Meeting

Date & Location: Saturday Sept. 12; Google Hangouts

Members Present: All

Additional Participants:

Minutes:

- We went through open issues on github and decided what was already addressed and what we want to include in the 0.1.0 release.

Individual Hourly Contributions

Trey Erenberger 3 Hours

David Johnston 3 Hours

Dalton Mills 3 Hours

Tentative Plans for Week 4

To confirm our list of v0.1.0 milestone issues with Dr. Rajan and begin working on them.