Weekly Report

Team Dec 15-12
Week 9: Oct 19th - 25th

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

Weekly Summary

This week we have continued working to improve the usability of @PaniniJ. In particular, progress has continued on the documentation of `org.paninij.lang`, a first full draft of `org.paninij.proc.check` was completed, and a feature was added to make it easier for a user to launch a capsule system.

Technical Progress

Uber-issues [#52 Add Basic Static Syntax Checks](#) and [#54 Add Tests for Static Syntactic Checks](#) were closed. Many previous issues have been steps towards. This week the following were closed in order to complete #52 and #54: #68, #65, #100, #94, #95, #102, #98, #97, #96, #101, and #104. About 50 tests were added in order to test that all of this new checking functionality works. All of this work on checks has resulted in [PR #107](#).

Additionally, the resolution of [#89](#) and the merging of [PR #90](#) made it easier for a user to execute a system of capsules without needing to look at any `proc`-generated classes. Now a capsule system can be easily launched programmatically via a new runtime call, `CapsuleSystem.start()`. This makes it easy to launch a capsule right from a capsule template.

We decided on how the documentation will be distributed. The package-level documentation (`package-info.java`) will contain overviews/examples of panini and how to use it. The javadocs on annotations (such as `@Capsule`, `@Block`, etc) will contain definitions and specific usage.

Meetings

We held no meetings this week because Dr Rajan was out of town and what we were working on was still fairly separate. David continued work on checks while Trey and Dalton did some pair programming and collaborating to write documentation.

Individual Contributions

Trey Erenberger
- ● Meetings Attended: All
- ● Misc: Class level documentation @Block, @Future

David Johnston
- ● Meetings Attended: All
- ● Topics Researched: Java Instrumentation Agents
- ● Code Written: PR #90 and PR #107

Dalton Mills
- ● Meetings Attended: All
- ● Misc: Worked on "overall package-level" documentation. (package-info.java)

Individual Hourly Contributions

Trey Erenberger   6 Hours

David Johnston   20 Hours

Dalton Mills   8 Hours

Tentative Plans for Week 10

Finish an initial draft of of the `org.paninij.lang` documentation, and prepare for the 20 minute presentation.