Groovy 1.8.1 update and first beta for Groovy 1.9

Hi all,

The Groovy development team is happy to announce the joint releases of Groovy 1.8.1 and 1.9-beta-1.

Both releases feature the following improvements and new features:

- · The performance optimizations for primitive type calculations are now covering all the primitive types
- The builtin JSON support adds:
 - a streaming builder (StreamingJsonBuilder) for when you want to stream your JSON payload directly to a writer (when you
 don't need to modify the data structure before outputing)
 - and the two builders adds a simple serialization of POGOs/POJOs (just pass the object as a value)
- The groovysh shell supports tab-completion for completing your variables and method names
- Plus the usual GDK refinements that you can find on the release notes below.

And the first beta of the upcoming 1.9 line is adding on top of that:

- Most of Java 7 Project Coin enhancements:
 - Use underscores in number literals: 1_000_000_000
 - Binary literals: 0b01010101
 - Catch multiple exceptions at once with multicatch: catch (IOException | NullPointerException e)

You can learn more about the tickets closed for these issues here:

- Groovy 1.8.1 Jira release notes
- Groovy 1.9-beta-2 Jira release notes

And of course, you can download Groovy 1.8.1 and Groovy 1.9-beta-1 in our download area.

Keep on groovying!