

GDC4 Discussions

Discussions

- How to best spend the JAX 2007 money prize
- Status of the Eclipse plugin

Groovy gatherings

- Groovy code camp: bi-annual Europe and US places
- Summer of code
- Leverage students end year's projects

Documentation and specification

- xdocs, tests -> text (GLS) or the reverse
- formal documentation
- <http://groovyuserguide.org/> kind of site
- find an outline

1.1.x / 2.x branches

- a 1.2 and/or 1.1.1 release
- branch after 1.1-rc-2
- trunk for contributions
- branch for experimental
- convention: 20071231 for sharing personal branches
- 20071231-experiment-MC2

SVN moves

- move modules & IDE plugins to the top-level
- have Scott involved for moving Eclipse plug at the top-level
- Eclipse continuous integration

Packaging / modularity

- suggest package groovyx
- post 1.1 activity, possibly 1.2
- list
- ant builder
- Swing builder
- Gant
- GroovyDoc
- Groovlets
- JMX
- GroovyTestCases
- CLI tools
- CLI builder
- Console
- Groovy SQL
- BSF
- XML builders, slurper, markup
- Ant tasks
- Templates
- have a proper GEP for separations

Breaking change 1.1 / 2.0

- mention in the release notes in 1.1 that users have to recompile their code against the new runtime

- find a good proposal as a minimum for 2.0
- provide good error messages if people use a older version of Groovy
- static initializers, deprecation exceptions
- no compatibility for 1.1 / 2.0, but make sure it works for 2.0 / 2.x

Dependencies

- ASM 3
- Antlr 3 (lower priority than MC2)
- Java 5
- trunk will switch to Java 5, but 1.1 is the last guaranteed version to run on 1.4
- review the code base to see where we can modify to use Java 5 classes and methods, generics
- stay to 1.4 bytecode
- Have a 1.4 compatible version
- Retroweaver / Retrotranslator version for compatibility distribution
- use generics when it makes sense

Follow the work on invokeDynamic, and potentially have a prototype

Customize Groovy truth

- possible implementation with an interface

No Reverse asType

Keep DGM as fat as it is

Performance

- In the CI, add a script to parse the XML, and collect the historical unit test times executions

Groovydoc

- cross-linkage between classes
- document DGM
- document EMCs, categories, closures as properties, properties section

Multiple assignment

- syntax `def a,b,c = someMethodReturningList() <- c` gets the third or the rest, null for the rest
- keep it simple

Class-scoped use directive / mixin mechanism

- To be discussed further on the mailing-lists
- Do we go with a class-scoped use directive mechanism?
- Further discuss on the lists how which syntax to take
- closer to the concept of mixins
- Try have a GEP proposal
- Per-thread EMCs like category
- Keep in mind: difference between script and class, between transparently or explicitly/declaratively applied
- Convention / magic packages / James' proposal / EMC script initialization
- Activation through GroovySystem

Anonymous inner classes & nested classes

- changes to GroovyObject
- problem with private property access
- getProperty() to be removed, or shouldn't have first shot

Stale modules communication

- SWTBuilder (improve communication, what's broken/working)

AST transformations / mutators

- Examples
- @BoundProperty macro
- then: when: à la RSpec
- DSL use cases
- GEP to be fleshed out

Static Groovy

- Discussion to be continued
- GEP to be fleshed out