SpringSource Tool Suite 2.7.1

- New and Noteworthy -

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2.7.1 July 12, 2011 Updated for 2.7.1.RELEASE

ENHANCEMENTS – 2.7.1

General Updates

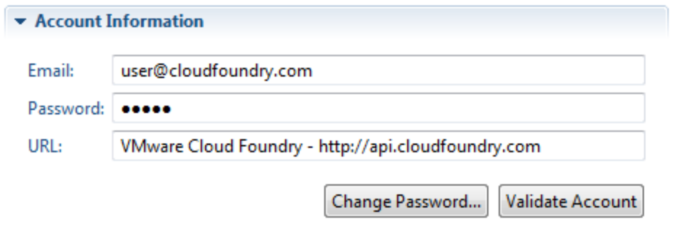
Spring Roo 1.1.5

STS now ships and works with the just released version 1.1.5 of Spring Roo.

Spring Development Tools

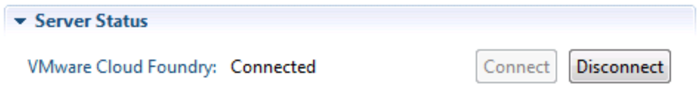
Cloud Foundry Support

Since the last release we have built on top of the Cloud Foundry integration by adding the functionality to change your Cloud Foundry account password from within STS.



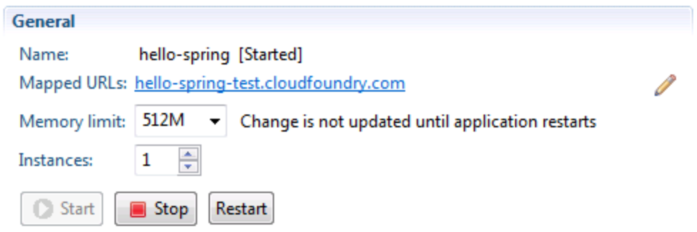
Email: user@cloudfoundry.com
Password: •••••
URL: VMware Cloud Foundry - http://api.cloudfoundry.com

We have also added a server status section in the Cloud Foundry server editor to display whether it is connected to your Cloud Foundry account and you can connect or disconnect from the editor.



VMware Cloud Foundry: Connected

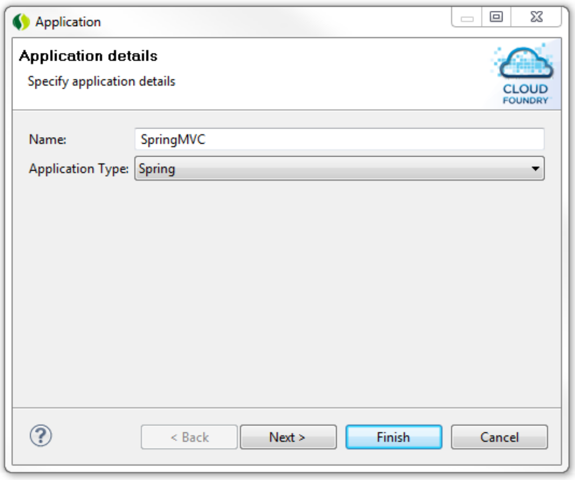
It is now also possible to change memory allocation to an application once it is deployed. Note that it does not take effect till the application is restarted.



Name: hello-spring [Started]
Mapped URLs: hello-spring-test.cloudfoundry.com
Memory limit: 512M Change is not updated until application restarts
Instances: 1

Cloud Foundry deployment mode

We made the Cloud Foundry server more consistent with Cloud Foundry by showing always the applications that are deployed in Cloud Foundry within STS. Therefore we deploy an application right after it is added to the Cloud Foundry server. Previously an application is not deployed until the first time it is started. In this release the application deployment wizard pops up after an application is added.



Application

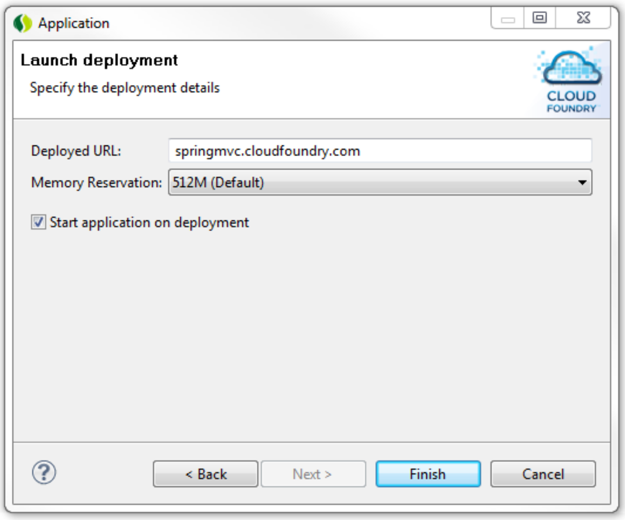
Application details

Specify application details

Name: SpringMVC

Application Type: Spring

By default an application is started on deployment but you can deselect this option in the deployment wizard. This can be useful if services need to be configured before an application can run properly. You can deselect the "Start application on deployment" and configure services in the Cloud Foundry server editor before starting the application.



Application

Launch deployment

Specify the deployment details

Deployed URL: springmvc.cloudfoundry.com

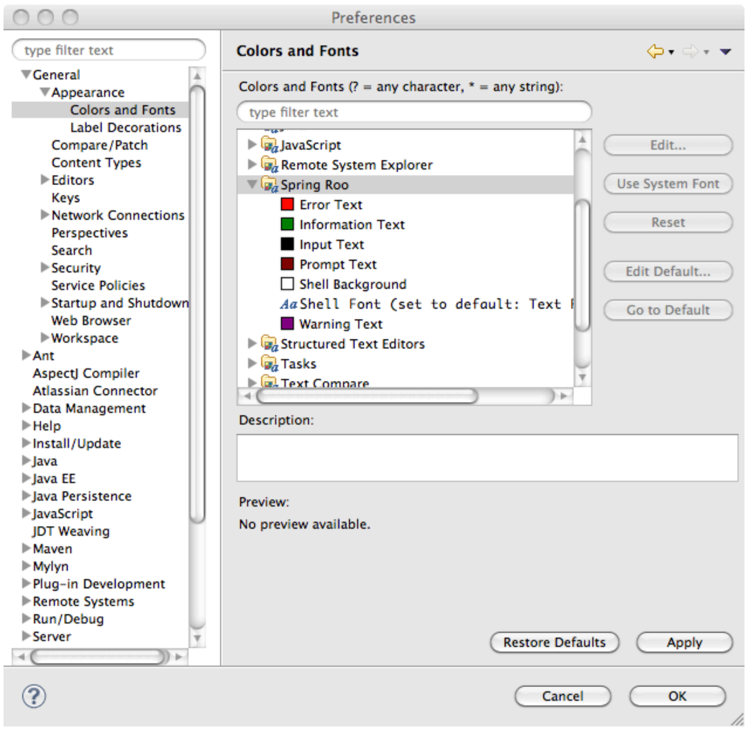
Memory Reservation: 512M (Default)

☑ Start application on deployment

Another way we are making Cloud Foundry integration in STS more consistent with Cloud Foundry is applications are now removed from the Cloud Foundry server if they are deleted outside of STS. Previously applications that are deployed within STS are still shown (with a status of undeployed) under the Cloud Foundry server even if they are deleted from outside STS. This seems to lead to a bit of confusion as the list of applications under the server do not match the ones that are actually deployed. In this release such an application will be removed from Cloud Foundry server. If you wish to deploy this application again, simply drag and drop onto the Cloud Foundry server or into the server editor to deploy to Cloud Foundry again.

Roo Shell colors now customizable

We added support to customize the colors and fonts that are used by the Roo Shell.



Preferences

type filter text

General
- Appearance
  - Colors and Fonts
  - Label Decorations
- Compare/Patch
- Content Types
- Editors
- Keys
- Network Connections
- Perspectives
- Search
- Security
- Service Policies
- Startup and Shutdown
- Web Browser
- Workspace

Ant, AspectJ Compiler, Atlassian Connector, Data Management, Help, Install/Update, Java, Java EE, Java Persistence, JavaScript, JDT Weaving, Maven, Mylyn, Plug-in Development, Remote Systems, Run/Debug, Server

Colors and Fonts

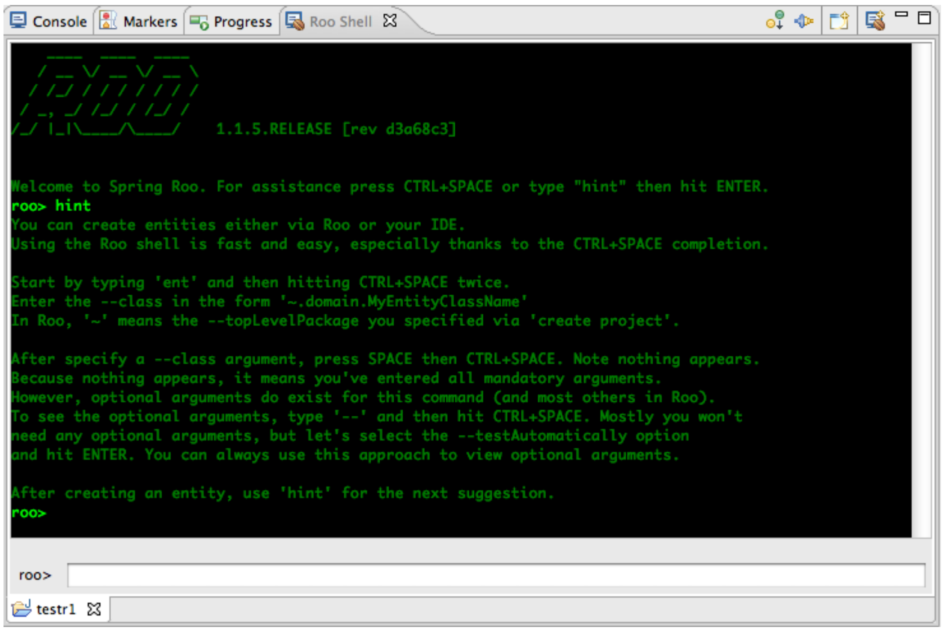
Colors and Fonts (? = any character, * = any string):

type filter text

- JavaScript
- Remote System Explorer
- Spring Roo
  - 🟥 Error Text
  - 🟩 Information Text
  - ■ Input Text
  - 🟥 Prompt Text
  - □ Shell Background
  - *Aa* Shell Font (set to default: Text F
  - 🟪 Warning Text
- Structured Text Editors
- Tasks
- Text Compare

Description:

Preview:
No preview available.



```
    ____  ____  ____
   / __ \/ __ \/ __ \
  / /_/ / / / / / / /
 / _, _/ /_/ / /_/ /
/_/ |_|\____/\____/    1.1.5.RELEASE [rev d3a68c3]


Welcome to Spring Roo. For assistance press CTRL+SPACE or type "hint" then hit ENTER.
roo> hint
You can create entities either via Roo or your IDE.
Using the Roo shell is fast and easy, especially thanks to the CTRL+SPACE completion.

Start by typing 'ent' and then hitting CTRL+SPACE twice.
Enter the --class in the form '~.domain.MyEntityClassName'
In Roo, '~' means the --topLevelPackage you specified via 'create project'.

After specify a --class argument, press SPACE then CTRL+SPACE. Note nothing appears.
Because nothing appears, it means you've entered all mandatory arguments.
However, optional arguments do exist for this command (and most others in Roo).
To see the optional arguments, type '--' and then hit CTRL+SPACE. Mostly you won't
need any optional arguments, but let's select the --testAutomatically option
and hit ENTER. You can always use this approach to view optional arguments.

After creating an entity, use 'hint' for the next suggestion.
roo>
```

roo>

ENHANCEMENTS – 2.7.0

General Updates

Eclipse Indigo (3.7)

STS now ships by default on top of the just released Eclipse Indigo (3.7.0) release. Eclipse Helios is still supported via the appropriate update site.

With this release, we drop support for Eclipse 3.5, aka Galileo.

Mylyn 3.6

The Mylyn version within STS is upgraded to the latest Mylyn release 3.6.

EGit 1.0

STS now comes with EGit being installed by default. No need to install additional support, just start using Git right from within STS.

Scala IDE 2.0.0 beta

We added the latest beta builds of the Scala IDE to the list of possible extensions to STS to ease the use and installation of Scala for your projects. This plays nicely together with the Cloud Foundry integration within STS now supporting the direct deployment of Lift applications into Cloud Foundry.

Since the Scala IDE is still in beta status, we marked this extension as "experimental".

Memory Settings

We raised the default memory settings for the PermGen when running STS slightly from a max. of 256m to 384m. If you would like to use a different value or increase the heap size, you can easily tweak them in your sts.ini file of your STS installation.

Spring Development Tools

Updated template projects

STS 2.7.0 comes with updated Spring Template Projects (go to the File > New > Spring Template Project) that you can use to bootstrap your development with the various features of the Spring frameworks. These templates have been refreshed to reflect newer versions of the Spring projects, making it a snap to build current, correctly configured applications.

In addition to update the Spring templates, we cleaned up the list of template projects and removed the OSGi related ones from that list. The OSGi tooling support continues as part of the Eclipse Virgo project.

dm Server Tools

Contribution to Eclipse Virgo

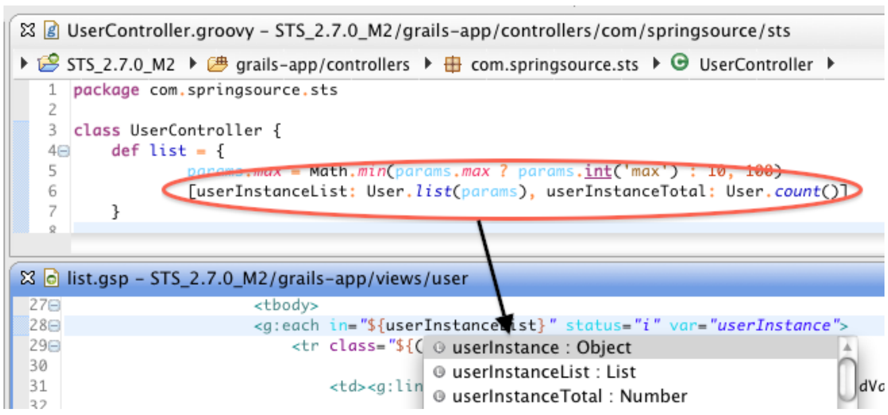
This release of STS is the last one that ships a new build of the dm Server tooling. If you are already using Eclipse Virgo as your runtime environment for enterprise OSGi development, you should consider to move to the Eclipse Virgo IDE tooling (which basically is the contributed version of the dm Server tooling from STS) in the future.

If you use the tooling together with dm Server 1.0 or dm Server 2.0, you will be able to install this last version of the dm Server tooling as an optional component.

Grails Development Tools

GSP content assist now recognizes arguments coming from controller actions

In the screenshot below, you can see that the controller action (list) returns a map of two elements. The map values are available as variables in the associated GSP. You can see that in the content assist list. Also, STS makes a best effort to infer the types of all of these arguments.



UserController.groovy – STS_2.7.0_M2/grails-app/controllers/com/springsource/sts

STS_2.7.0_M2 ▸ grails-app/controllers ▸ com.springsource.sts ▸ UserController ▸

```
package com.springsource.sts

class UserController {
    def list = {
            params.max = Math.min(params.max ? params.int('max') : 10, 100)
            [userInstanceList: User.list(params), userInstanceTotal: User.count()]
    }
```

list.gsp – STS_2.7.0_M2/grails-app/views/user

```
                        <tbody>
                        <g:each in="${userInstanceList}" status="i" var="userInstance">
                            <tr class="${(

                                <td><g:lin
```

userInstance : Object
userInstanceList : List
userInstanceTotal : Number

GSP content assist now recognizes empty tags

As described here (http://grails.org/Doc+Comments+for+GSP+tags), it is now possible to specify that your custom GSP tags should be 'empty' when being applied in content assist. This means that your tag will be filled in like this:

```
<g:myTag />
```

instead of like this:

```
<g:myTag></g:myTag>
```

To do so, simply create a javadoc for your custom tag and ensure that the @emptyTag attribute is somewhere in the Javadoc on its own line.

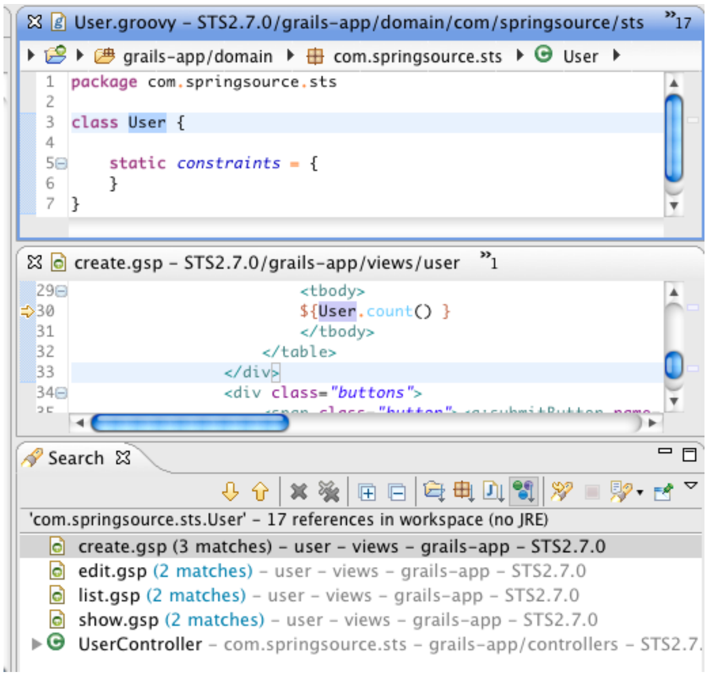
Grails 1.4-M2 will be taking advantage of this for all of its standard tags (eg- def, set, etc).

Improved GSP content assist inside of scriptlets

We have made many small enhancements to content assist is GSPs, especially when inside of groovy scriptlets. You will have a much smoother experience when editing GSP files.

GSP Search

The Eclipse search engine will now look inside GSP files for search results. References inside of scriptlets will be found:



User.groovy - STS2.7.0/grails-app/domain/com/springsource/sts »17

grails-app/domain ▸ com.springsource.sts ▸ User ▸

```
package com.springsource.sts

class User {

    static constraints = {
    }
}
```

create.gsp - STS2.7.0/grails-app/views/user »1

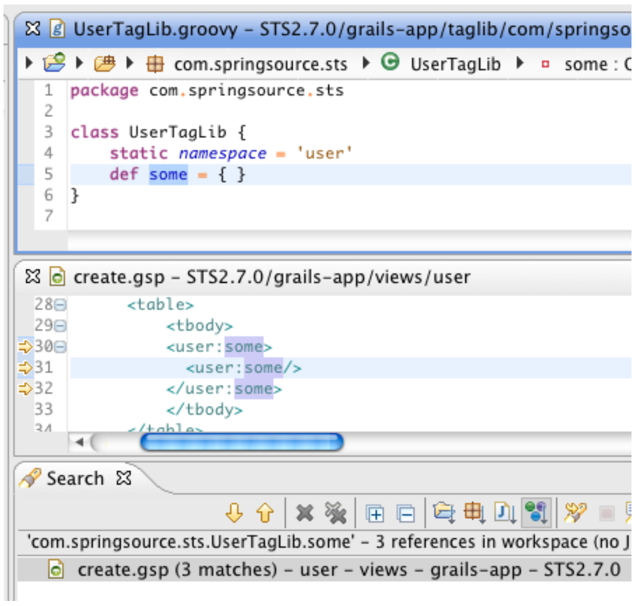
```
                    <tbody>
                    ${User.count() }
                    </tbody>
                </table>
            </div>
            <div class="buttons">
```

Search

'com.springsource.sts.User' - 17 references in workspace (no JRE)

```
create.gsp (3 matches) - user - views - grails-app - STS2.7.0
edit.gsp (2 matches) - user - views - grails-app - STS2.7.0
list.gsp (2 matches) - user - views - grails-app - STS2.7.0
show.gsp (2 matches) - user - views - grails-app - STS2.7.0
UserController - com.springsource.sts - grails-app/controllers - STS2.7.
```

Also, references to tags will be found:



UserTagLib.groovy - STS2.7.0/grails-app/taglib/com/springso

com.springsource.sts ▸ UserTagLib ▸ some : C

```
package com.springsource.sts

class UserTagLib {
    static namespace = 'user'
    def some = { }
}
```

create.gsp - STS2.7.0/grails-app/views/user

```
        <table>
            <tbody>
            <user:some>
              <user:some/>
            </user:some>
            </tbody>
```

Search

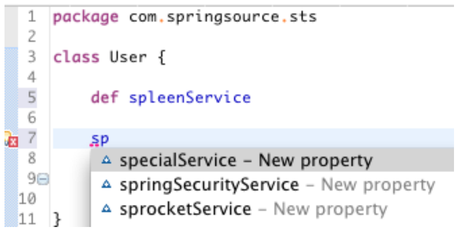
'com.springsource.sts.UserTagLib.some' - 3 references in workspace (no J

```
create.gsp (3 matches) - user - views - grails-app - STS2.7.0
```

springsource A division of vmware

Service field declaration content assist

Content assist inside of Grails artifacts at a location where a new field can be declared will now display all available services as proposals:



```
package com.springsource.sts

class User {

    def spleenService

    sp
      specialService – New property
      springSecurityService – New property
      sprocketService – New property
}
```

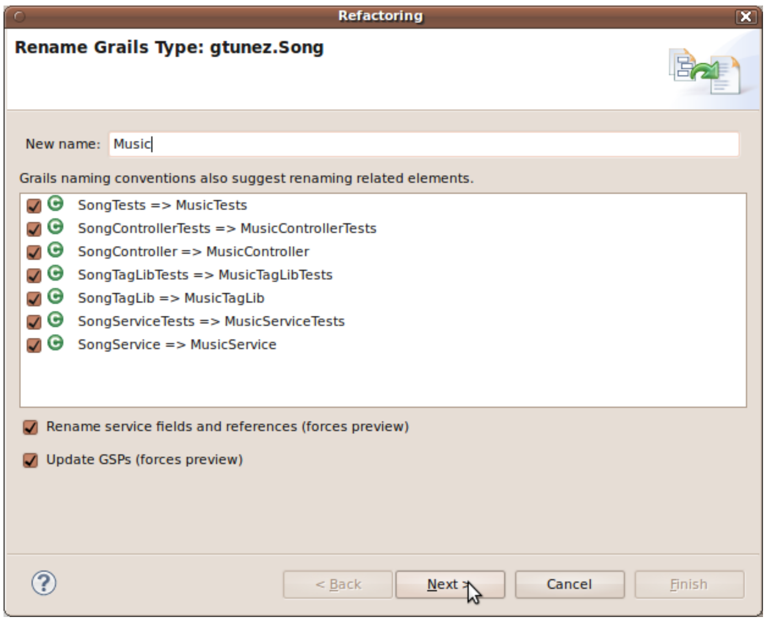
Grails 1.4 Support

Greclipse and STS Grails tooling can now work with Grails 1.4.M1.

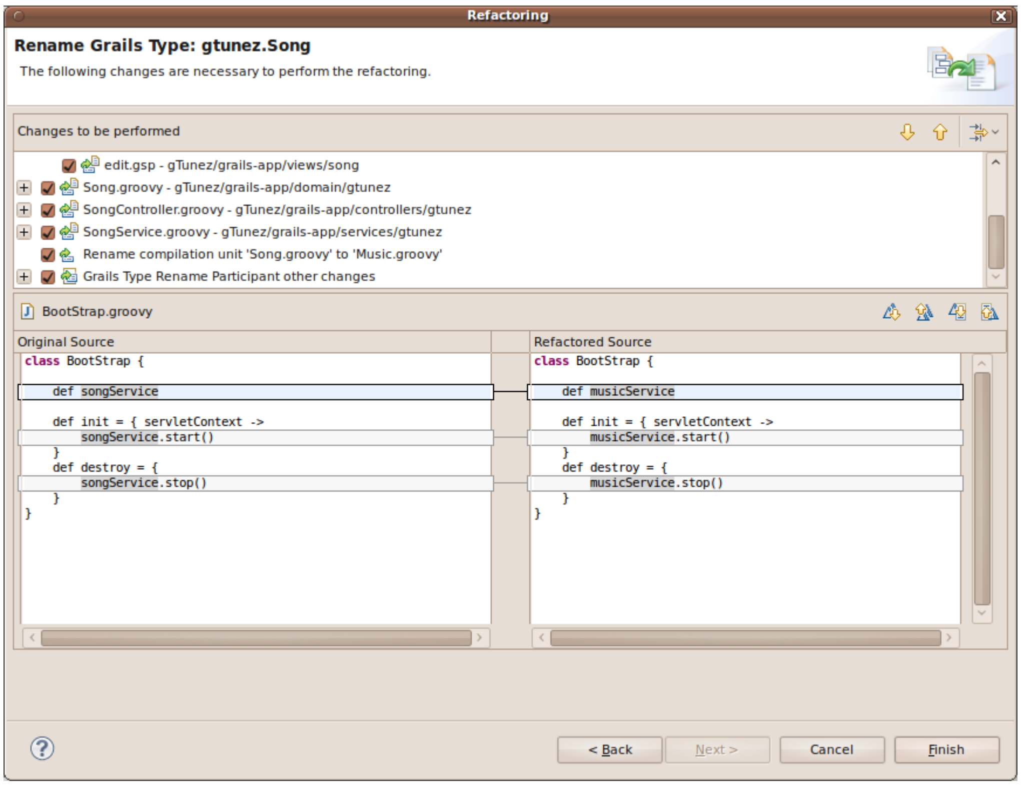
Grails Aware Rename Type Refactoring

When a rename type refactoring is invoked from the Groovy Editor or the Project Explorer in the Grails perspective the refactoring will be 'Grails Aware'. A Grails specific rename type wizard will popup allowing the user to enable or disable Grails specific support:

- Grails Type Awareness:
    - Rename related types (for example when renaming a Domain class also rename associated Controller, Test and Service classes).
- Service Awareness:
    - Updating autowired service fields when a Service class is being renamed
- GSP Awarenes:
    - Updating references to the renamed type(s) inside of GSP files.
    - Renaming the associated views folder when a Controller class is being renamed.


Refactoring
Rename Grails Type: gtunez.Song
New name: Music
Grails naming conventions also suggest renaming related elements.
SongTests => MusicTests
SongControllerTests => MusicControllerTests
SongController => MusicController
SongTagLibTests => MusicTagLibTests
SongTagLib => MusicTagLib
SongServiceTests => MusicServiceTests
SongService => MusicService
Rename service fields and references (forces preview)
Update GSPs (forces preview)
< Back
Next >
Cancel
Finish

Grails Rename Type Wizard Page One


Refactoring
Rename Grails Type: gtunez.Song
The following changes are necessary to perform the refactoring.
Changes to be performed
edit.gsp - gTunez/grails-app/views/song
Song.groovy - gTunez/grails-app/domain/gtunez
SongController.groovy - gTunez/grails-app/controllers/gtunez
SongService.groovy - gTunez/grails-app/services/gtunez
Rename compilation unit 'Song.groovy' to 'Music.groovy'
Grails Type Rename Participant other changes
BootStrap.groovy
Original Source
Refactored Source
< Back
Next >
Cancel
Finish

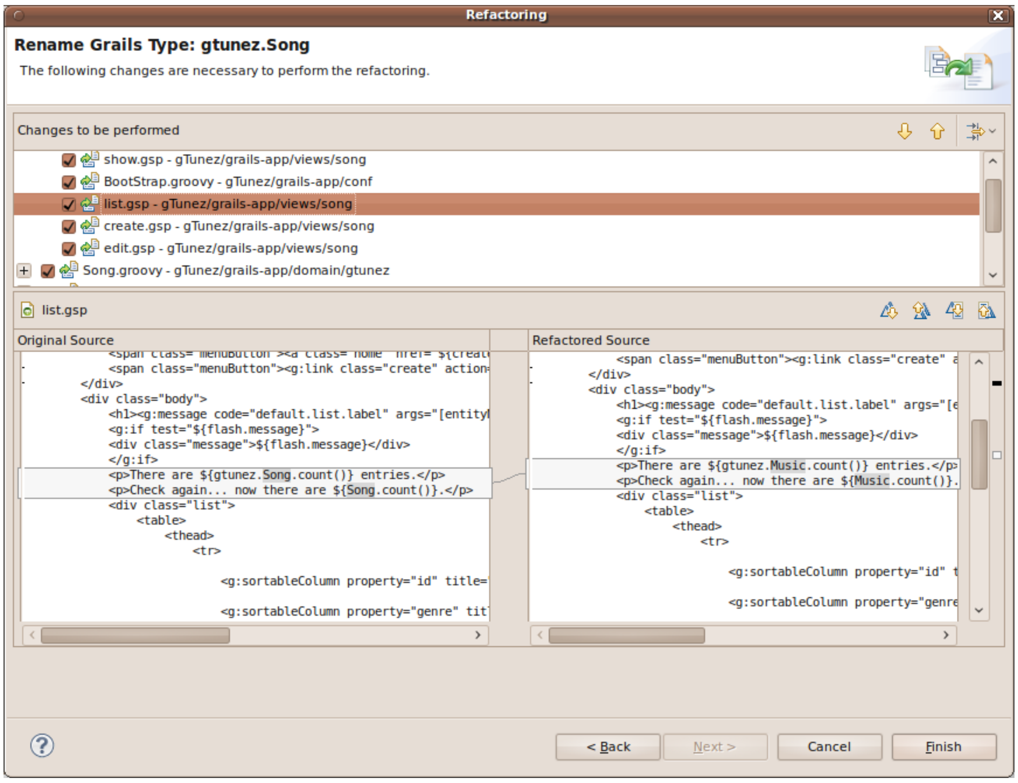
Original Source

```
class BootStrap {

    def songService

    def init = { servletContext ->
        songService.start()
    }
    def destroy = {
        songService.stop()
    }
}
```

Refactored Source

```
class BootStrap {

    def musicService

    def init = { servletContext ->
        musicService.start()
    }
    def destroy = {
        musicService.stop()
    }
}
```

Grails Rename Type – Preview



Rename Grails Type: gtunez.Song

The following changes are necessary to perform the refactoring.

Changes to be performed

- ✓ show.gsp - gTunez/grails-app/views/song
- ✓ BootStrap.groovy - gTunez/grails-app/conf
- ✓ list.gsp - gTunez/grails-app/views/song
- ✓ create.gsp - gTunez/grails-app/views/song
- ✓ edit.gsp - gTunez/grails-app/views/song
- ✓ Song.groovy - gTunez/grails-app/domain/gtunez

list.gsp

Original Source

```
            <span class="menuButton"><g:link class="create" action
        </div>
        <div class="body">
            <h1><g:message code="default.list.label" args="[entity
            <g:if test="${flash.message}">
            <div class="message">${flash.message}</div>
            </g:if>
            <p>There are ${gtunez.Song.count()} entries.</p>
            <p>Check again... now there are ${Song.count()}.</p>
            <div class="list">
                <table>
                    <thead>
                        <tr>

                            <g:sortableColumn property="id" title=

                            <g:sortableColumn property="genre" tit
```

Refactored Source

```
            <span class="menuButton"><g:link class="create" a
        </div>
        <div class="body">
            <h1><g:message code="default.list.label" args="[e
            <g:if test="${flash.message}">
            <div class="message">${flash.message}</div>
            </g:if>
            <p>There are ${gtunez.Music.count()} entries.</p>
            <p>Check again... now there are ${Music.count()}.
            <div class="list">
                <table>
                    <thead>
                        <tr>

                            <g:sortableColumn property="id" t

                            <g:sortableColumn property="genre
```

Grails Rename Type – GSPs

Groovy-Eclipse

Groovy-Eclipse 2.5.1 is now available and is installable from the extensions page on the dashboard. See:

http://groovy.codehaus.org/Groovy-Eclipse+2.5.1+New+and+Noteworthy

for the 2.5.1 New & Noteworthy and

http://groovy.codehaus.org/Groovy-Eclipse+2.5.0+New+and+Noteworthy

for the 2.5.0 New & Noteworthy.

Groovy-Eclipse Compiler

The 2.5.1 release of the groovy-eclipse-compiler plugin for Maven is now available. This allows you to compile your groovy-maven projects using Groovy-Eclipse outside of the IDE. Using this compiler plugin avoids many of the stub generation issues of GMaven and also compiles your projects more quickly.

For documentation on how to use the groovy-eclipse-compiler, see:

http://groovy.codehaus.org/Groovy-Eclipse+compiler+plugin+for+Maven

This page also includes a link to an archetype project that can get you started quickly with using the compiler plugin.

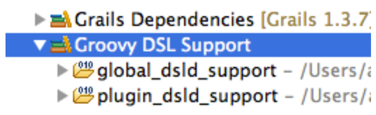
Global location for DSLDs

Groovy-Eclipse now supports a global location to place your DSLDs (see

http://blog.springsource.com/2011/05/08/better-dsl-support-in-groovy-eclipse/

for a description of DSLDs).

You will notice that there is a new classpath container on all of your Groovy/Grails projects:



```
▶ Grails Dependencies [Grails 1.3.7]
▼ Groovy DSL Support
   ▶ global_dsld_support – /Users/
   ▶ plugin_dsld_support – /Users/
```

This classpath container contains all of the global and plugin DSLDs for your projects.

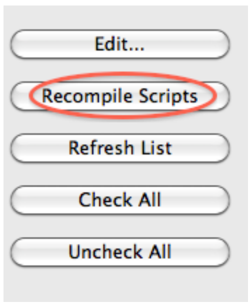
If you want a DSLD file to be applicable to all of your Groovy projects in the workspace, then place your global DSLDs in the `~/.groovy/greclipse/global_dsld_support/dsld` directory. A package statement of `'package dsld'` is required. These DSLDs will appear in the global_dsld_support class folder.

DSLDs that are specific to a single version of Groovy-Eclipse are located in the *plugin_dsld_support* class folder.

Note: Eclipse 3.6 and earlier suffer from

https://bugs.eclipse.org/bugs/show_bug.cgi?id=305172

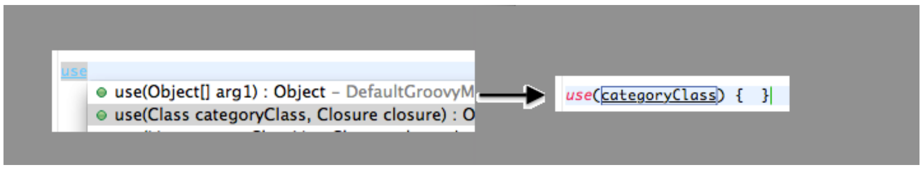
where these external classfolders will not be updated automatically. Instead, every time that you make a change to the global_dsld_support folder, you should go to the DSLD preferences page (Preferences -> Groovy -> DSLD) and click "Recompile Scripts":



In the coming weeks, we will be supplying several default DSLD files to handle the common builders and AST transforms inside of Groovy-Eclipse (such as Swing Builder, and HTML builder). These DSLDs will appear in the plugin_dsld_support folder.

Groovier way of handling closure arguments in content assist

When applying a content assist method proposal that has a closure as its last argument, Groovy-Eclipse will now automatically use the standard Groovy idiom of placing the closure expression outside of the parens. See, for example this screenshot:



```
use
 use(Object[] arg1) : Object – DefaultGroovyM
 use(Class categoryClass, Closure closure) : O
```

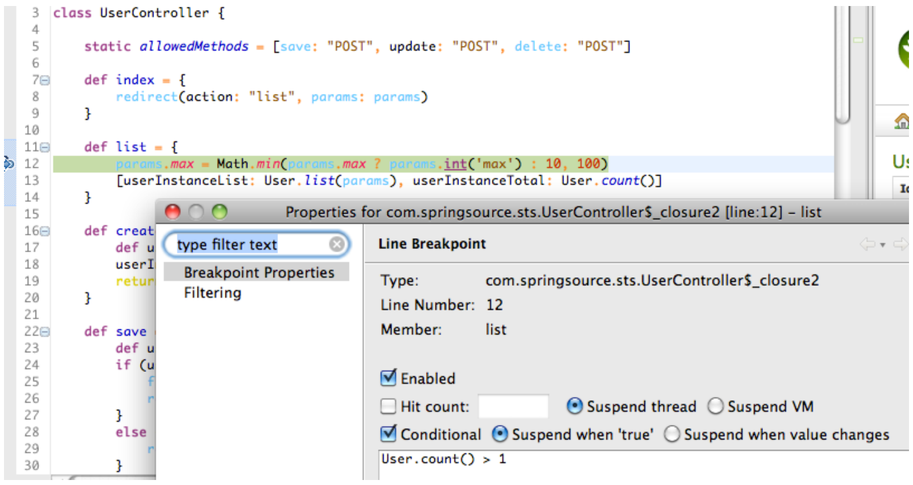
```
use(categoryClass) {  }
```

Support for $/ /$ multiline strings

Groovy-eclipse now recognizes $/ /$ style strings that have been introduced in Groovy 1.8.

Conditional breakpoints for Groovy code

Conditional breakpoints are now supported in Groovy files using groovy syntax:



```
class UserController {

    static allowedMethods = [save: "POST", update: "POST", delete: "POST"]

    def index = {
        redirect(action: "list", params: params)
    }

    def list = {
        params.max = Math.min(params.max ? params.int('max') : 10, 100)
        [userInstanceList: User.list(params), userInstanceTotal: User.count()]
    }

    def creat
        def u
        userI
        retur
    }

    def save
        def u
        if (u
            f
            r
        }
        else
            r
        }
```

Properties for com.springsource.sts.UserController$_closure2 [line:12] – list

type filter text

Breakpoint Properties
Filtering

Line Breakpoint

Type: com.springsource.sts.UserController$_closure2
Line Number: 12
Member: list

[✓] Enabled
[ ] Hit count: (●) Suspend thread ( ) Suspend VM
[✓] Conditional (●) Suspend when 'true' ( ) Suspend when value changes

```
User.count() > 1
```

This is built on top of the same infrastructure that the Groovy debug support uses. So, enhanced debug support must be activated and JDT Weaving must be enabled. See the blog post about Groovy Debug support in STS for more information:

http://blog.springsource.com/2010/11/30/new-groovy-debug-support-in-sts-2-5-1/.

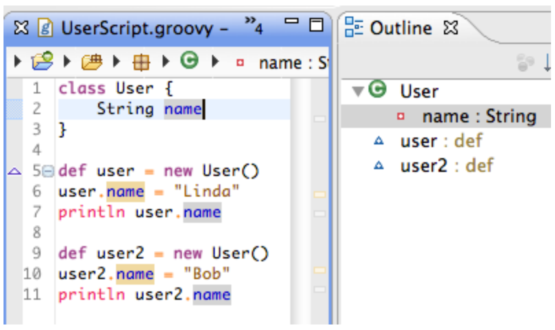
Groovy 1.8 support

Support for the Groovy 1.8 compiler is available. It will not be installed by default with the rest of Groovy-Eclipse. Instead, it is available as a separate feature that can be installed from the Groovy-Eclipse update site. For information on how to do this, see Compiler Switching in Groovy-Eclipse:

http://groovy.codehaus.org/Compiler+Switching+within+Groovy-Eclipse

Script outline view

When working with scripts, the outline view displays contents in a more Groovy-like way. The run, and main methods are hidden. Instead, script variable declarations are displayed.



```
class User {
    String name
}

def user = new User()
user.name = "Linda"
println user.name

def user2 = new User()
user2.name = "Bob"
println user2.name
```

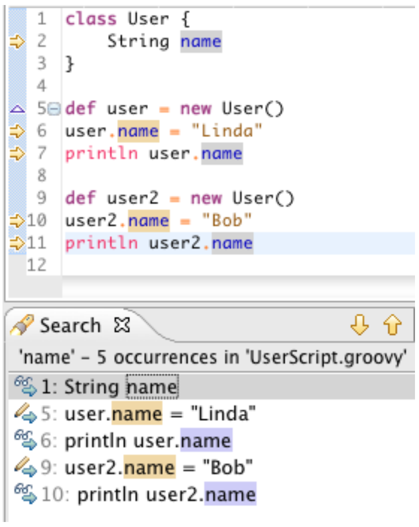
```
User
    name : String
user : def
user2 : def
```

The enhanced outline view is part of Groovy-Eclipse and is available for third party plugins to use their own outline extender. For more information, see the feature request here:

GRECLIPSE-1029: http://jira.codehaus.org/browse/GRECLIPSE-1029

Read access and Write access differentiation when searching

When doing a find references in the Groovy editor (CTRL-Shift-U on Windows/Linux), read occurrences are highlighted differently from write occurrences:

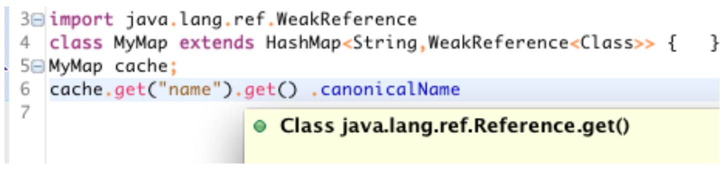


```
class User {
    String name
}

def user = new User()
user.name = "Linda"
println user.name

def user2 = new User()
user2.name = "Bob"
println user2.name
```

```
'name' - 5 occurrences in 'UserScript.groovy'
1: String name
5: user.name = "Linda"
6: println user.name
9: user2.name = "Bob"
10: println user2.name
```

Better inferencing for Generics

Groovy-Eclipse now recognizes more complex forms of generics to help seed type inferencing. For example, in the following code, Groovy-Eclipse can determine that the second call to "get()" is declared by the WeakReference class and returns a java.lang.Class object:



```
import java.lang.ref.WeakReference
class MyMap extends HashMap<String,WeakReference<Class>> {   }
MyMap cache;
cache.get("name").get() .canonicalName

```

```
Class java.lang.ref.Reference.get()
```

For more information, see GRECLIPSE-997: http://jira.codehaus.org/browse/GRECLIPSE-997

Gradle

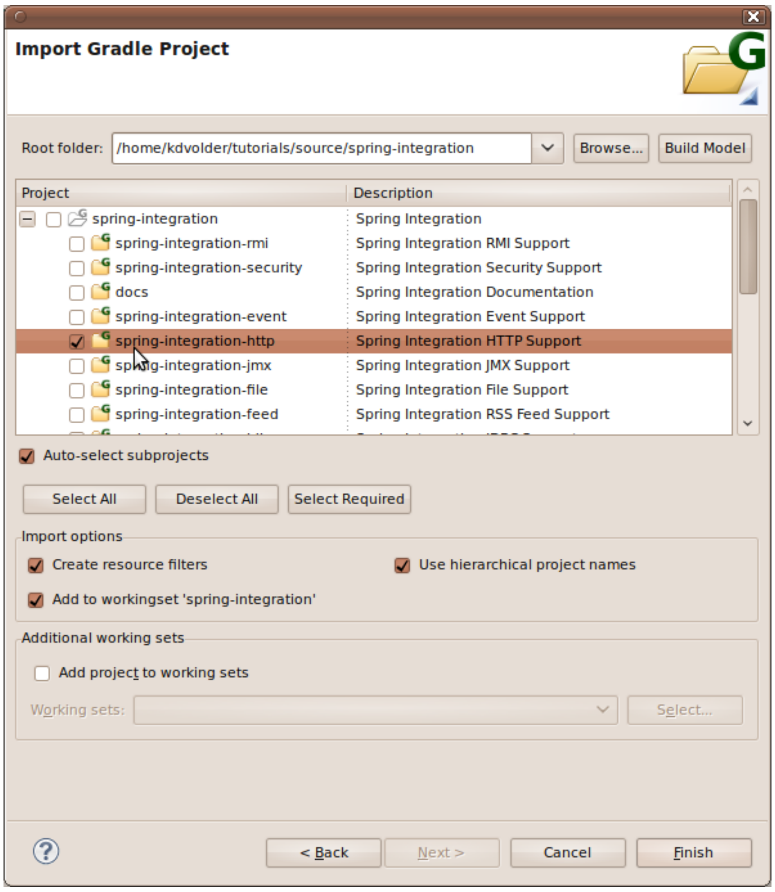
STS 2.7.0 includes an initial, basic set of features to support working with Gradle projects inside of STS. The following list of features are provided:

First set of features

- Supports working with nested Gradle "multi projects":
    - mapping hierarchical structure onto a flat set of "linked" Eclipse projects with appropriate automatically configured resource filters.
    - flexible name mapping, allows user to adopt two different default name mapping schemes and also rename individual projects in the workspace without breaking the tools.
- Gradle Import Wizard:
    - ease importing existing Gradle (Multi) Projects with a number of subprojects.
    - ease the importing of a subset of "interesting projects", without breaking project dependencies.
    - allow incrementally importing additional projects after initially importing only a subset.
- Manage Gradle dependencies: (so projects can "build/compile" using the Eclipse JDT tools)
    - Classpath container that manages Gradle Jar dependencies on the Eclipse classpath
    - configure source folders automatically
    - configure project dependencies automatically
- Task Execution UI allows users to…
    - create, store, edit, manage and execute lists of Gradle tasks as Eclipse launch configurations from within STS.
    - Since this leverages the standard Eclipse launching framework, you can also
        - relaunch from a list of favorites
        - relaunch from a "recent history" list
        - store launch configurations in files that can be shared via a code repository like SVN, CVS or git.

For more information see the documentation:

http://static.springsource.org/sts/docs/2.7.0/reference/html/gradle/index.html



Import Gradle Project

Root folder: /home/kdvolder/tutorials/source/spring-integration

Project	Description
☐ spring-integration	Spring Integration
☐ spring-integration-rmi	Spring Integration RMI Support
☐ spring-integration-security	Spring Integration Security Support
☐ docs	Spring Integration Documentation
☐ spring-integration-event	Spring Integration Event Support
✓ spring-integration-http	Spring Integration HTTP Support
☐ spring-integration-jmx	Spring Integration JMX Support
☐ spring-integration-file	Spring Integration File Support
☐ spring-integration-feed	Spring Integration RSS Feed Support

✓ Auto-select subprojects

Import options

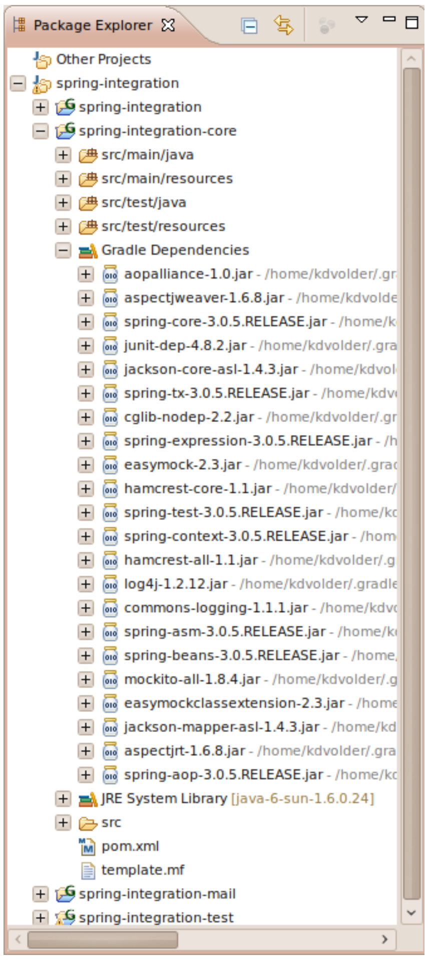
✓ Create resource filters
✓ Use hierarchical project names
✓ Add to workingset 'spring-integration'

Additional working sets

☐ Add project to working sets

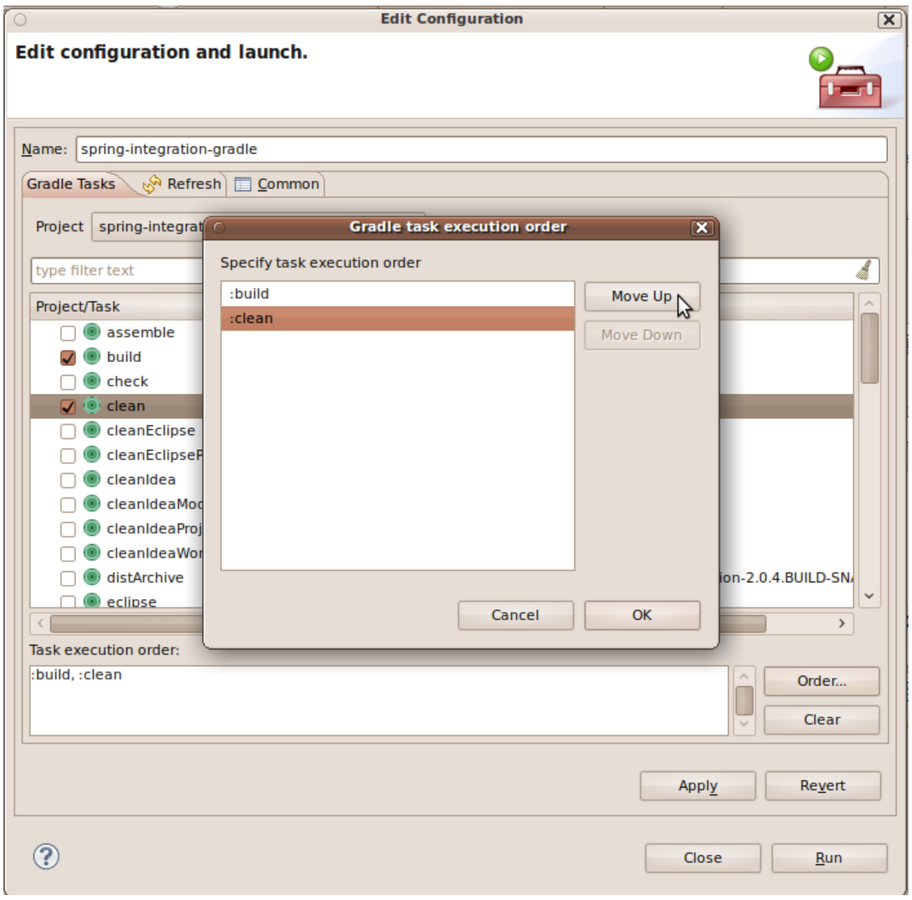
Working sets:

Gradle Import Wizard



```
Package Explorer
  Other Projects
  spring-integration
    spring-integration
    spring-integration-core
      src/main/java
      src/main/resources
      src/test/java
      src/test/resources
      Gradle Dependencies
        aopalliance-1.0.jar - /home/kdvolder/.gr
        aspectjweaver-1.6.8.jar - /home/kdvolde
        spring-core-3.0.5.RELEASE.jar - /home/k
        junit-dep-4.8.2.jar - /home/kdvolder/.gra
        jackson-core-asl-1.4.3.jar - /home/kdvol
        spring-tx-3.0.5.RELEASE.jar - /home/kdv
        cglib-nodep-2.2.jar - /home/kdvolder/.gr
        spring-expression-3.0.5.RELEASE.jar - /h
        easymock-2.3.jar - /home/kdvolder/.grac
        hamcrest-core-1.1.jar - /home/kdvolder/
        spring-test-3.0.5.RELEASE.jar - /home/kc
        spring-context-3.0.5.RELEASE.jar - /hom
        hamcrest-all-1.1.jar - /home/kdvolder/.g
        log4j-1.2.12.jar - /home/kdvolder/.gradle
        commons-logging-1.1.1.jar - /home/kdvc
        spring-asm-3.0.5.RELEASE.jar - /home/k
        spring-beans-3.0.5.RELEASE.jar - /home
        mockito-all-1.8.4.jar - /home/kdvolder/.g
        easymockclassextension-2.3.jar - /home
        jackson-mapper-asl-1.4.3.jar - /home/kd
        aspectjrt-1.6.8.jar - /home/kdvolder/.gra
        spring-aop-3.0.5.RELEASE.jar - /home/kc
      JRE System Library [java-6-sun-1.6.0.24]
      src
      pom.xml
      template.mf
    spring-integration-mail
    spring-integration-test
```

Gradle Classpath Container



Gradle Launch Configuration Editor

Fixed Bugs and Enhancement Requests

Here is a full list of resolved bugs and enhancement requests for the 2.7.0 release:

https://issuetracker.springsource.com/secure/IssueNavigator.jspa?reset=true&jqlQuery=project+%3D+STS+AND+fixVersion+in+%2811205%2C+11001%2C+11000%2C+10999%2C+10998%29+AND+status+in+%28Resolved%2C+Closed%29