

Griffon 0.9.5-rc2

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Overview

Griffon 0.9.5-rc2 – "Aquila hastata" - is a maintenance release of Griffon 0.9.

New Features

Buildtime

Offline Mode

Dependency resolution can now work in offline mode. When engaged, no external repository will be queried for dependencies; all dependencies should be resolved against the current cache. Also, all artifact repositories are off limits, except those of type local. This mode can be enabled by specifying `griffon.offline.mode` in either `griffon-app/conf/BuildConfig.groovy` or `$USER_HOME/.griffon/settings.groovy`. This flag can also be set as a system property.

Runtime

Disable the Event Bus

Sometimes you don't want controllers to be registered as application event listeners because their code never handles an event. This results in performance upgrades as controllers need not be notified. Both the application's event bus and custom event buses (classes annotated with `@griffon.transform.EventPublisher`) have a new method that control if the event bus is enabled or not. Events posted while the event bus is disabled will be automatically discarded.

Skip Controller as Application Event Handler

Sometimes you don't want controllers to be registered as application event listeners because their code never handles an event. This results in performance upgrades as controllers need not be notified. This feature relies on the new `config` section available to MVC groups. Here's how this feature can be specified

```

mvcGroups {
  // MVC Group for "foo"
  'foo' {
    model      = 'foo.FooModel'
    view       = 'foo.FooView'
    controller = 'foo.FooController'
    config {
      events {
        listener = false
      }
    }
  }
}

```

Skip Firing MVC Lifecycle Events

There are times when creating multiple MVC groups where there's no need to trigger MVC events for example, a custom `MVCGroupManager` can potentially disable the event router for a time, then enable it after the group has been constructed. This feature relies on the new `config` section available to MVC groups. Here's how this feature can be specified

```

mvcGroups {
  // MVC Group for "foo"
  'foo' {
    model      = 'foo.FooModel'
    view       = 'foo.FooView'
    controller = 'foo.FooController'
    config {
      events {
        lifecycle = false
      }
    }
  }
}

```

Skip Firing MVC New Instance Events

Applications will fire an event named `NewInstance` whenever an artifact gets instantiated, this results in 3 events per MVC group in the typical case. This is great for letting other parts of the application know that there's a new artifact instance that can be processed by dependency injection for example. But, the runtime also pays the penalty for notifying listeners that may not handle the event. Skipping these events may lead to better performance. This feature relies on the new `config` section available to MVC groups. Here's how this feature can be specified

```

mvcGroups {
  // MVC Group for "foo"
  'foo' {
    model      = 'foo.FooModel'
    view       = 'foo.FooView'
    controller = 'foo.FooController'
    config {
      events {
        instantiation = false
      }
    }
  }
}

```

Resource Location Abstraction

There's a new abstraction that deals with resource location: `griffon.core.ResourceHandler`. It defines the following contract

```

URL getResourceAsURL(String resourceName);
InputStream getResourceAsStream(String resourceName);
List<URL> getResources(String resourceName);

```

Applications, addons and artifacts have been retrofitted with this interface; it's recommended that you use these facilities instead of querying a classloader. Also, there's a new AST transformation that grafts these methods to any class: `griffon.transform.ResourcesAware`.

Breaking Changes

Runtime

Threading Methods Renamed

The names of the threading methods (`execSync`, `execAsync`, `execOutside`) can be confusing. they have been renamed to the following ones in `griffon.core.ThreadingHandler`

```

execOutside -> execOutsideUI
execSync    -> execInsideUISync
execAsync   -> execInsideUIAsync

```

in `griffon.core.GriffonApplication`

```

eventOutside -> eventOutsideUI

```

in `griffon.util.EventPublisher`

```

publishEventOutside -> publishEventOutsideUI

```

in `org.codehaus.griffon.runtime.core.EventRouter`

```
publishOutside -> publishOutsideUI
```

The old method names are still available and have been marked as deprecated. They will be removed when Griffon 1.0 is released.

Sample Applications

Griffon 0.9.5-rc2 ships with 5 sample applications of varying levels of complexity demonstrating various parts of the framework. In order of complexity they are:

File Viewer

File Viewer is a simple demonstration of creating new MVCGroups on the fly.

Source: `samples/FileViewer`

To run the sample from source, change into the source directory and run `griffon run-app` from the command prompt.

GroovyEdit

GroovyEdit is an improved version of FileViewer that uses custom observable models.

Source: `samples/GroovyEdit`

To run the sample from source, change into the source directory and run `griffon run-app` from the command prompt.

Font Picker

Font Picker demonstrates form based data binding to adjust the sample rendering of system fonts.

Source: `samples/FontPicker`

To run the sample from source, change into the source directory and run `griffon run-app` from the command prompt.

Greet

Greet, a full featured Griffon Application, is a Twitter client. It shows Joint Java/Groovy compilation, richer MVCGroup interactions, and network service based data delivery.

Source: `samples/Greet`

To run the sample from source, change into the source directory and run `griffon run-webstart` from the command prompt. Because Greet uses JNLP APIs for browser integration using `run-app` will prevent web links from working.

SwingPad

SwingPad, a full featured Griffon Application, is a scripting console for rendering Groovy SwingBuilder views.

Source: `samples/SwingPad`

To run the sample from source, change into the source directory and run `griffon run-app` from the command prompt.

0.9.5-rc2 Release Notes

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	GRIFFON-470	MissingMethodException when running with an addon that provides MVC groups	Andres Almiray	Andres Almiray		CI osed	Fixed	Mar 05, 2012	Apr 19, 2012	
	GRIFFON-395	Destroying an MVC group should remove all of its members from application/custom event buses	Andres Almiray	Andres Almiray		CI osed	Fixed	Aug 03, 2011	Apr 19, 2012	
	GRIFFON-455	CLI dependencies provided by plugins are not added to the build	Andres Almiray	Andres Almiray		CI osed	Fixed	Feb 15, 2012	Apr 19, 2012	

GRIFFON-456	Enabled offline mode for dependency resolution	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 17, 2012	Apr 19, 2012
GRIFFON-457	Guide files are included twice in the binary packages	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 17, 2012	Apr 19, 2012
GRIFFON-458	No /usr/bin/griffonsh in debian package	Andres Almiray	Tobias Schulte	CI osed	Fixed	Feb 18, 2012	Apr 19, 2012
GRIFFON-459	Old Plugin is not removed from plugins folder on upgrade	Andres Almiray	Tobias Schulte	CI osed	Fixed	Feb 18, 2012	Apr 19, 2012
GRIFFON-460	Griffonsh does not work on Windows	Andres Almiray	Tobias Schulte	CI osed	Fixed	Feb 21, 2012	Apr 19, 2012
GRIFFON-463	Disable the event bus for a time	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 22, 2012	Apr 19, 2012
GRIFFON-464	Rename threading methods to spell out which thread they affect	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 22, 2012	Apr 19, 2012
GRIFFON-465	Add a shortcut to artifacts and application to load resourdes from the classpath	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 24, 2012	Apr 19, 2012
GRIFFON-466	Skip firing events when creating an MVC group instance	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 24, 2012	Apr 19, 2012
GRIFFON-467	Skip registering controllers as application event listeners	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 24, 2012	Apr 19, 2012
GRIFFON-468	Move GDSDL and DSLD out of core and into Swing plugin	Andres Almiray	Andres Almiray	CI osed	Fixed	Feb 24, 2012	Apr 19, 2012
GRIFFON-469	_GriffonPackage.groovy JNLP webstart file JVM argument updated necessary to avoid Perm Gen space issues	Andres Almiray	Bisrat Dinka	CI osed	Fixed	Feb 28, 2012	Apr 19, 2012
GRIFFON-454	Quartz plugin won't install unless Spring plugin is installed first	Andres Almiray	Edo	CI osed	Fixed	Feb 15, 2012	Apr 19, 2012
GRIFFON-462	Version strings in BuildConfig.groovy no longer are automatically updated	Andres Almiray	Edo	CI osed	Fixed	Feb 21, 2012	Apr 19, 2012

17 issues