

# Griffon 0.9.2-rc1

Error rendering macro 'toc' : null

## Overview

Griffon 0.9.2-rc1 – "Aquila audax" - is a maintenance release of Griffon 0.9.

## New Features

### Buildtime

#### Configuration flags

All of the command options described in section [4.6 Command Line Options](#) of the Griffon Guide can now be specified in `griffon-app/conf/BuildConfig.groovy` or `$USER_HOME/.griffon/settings.groovy`.

#### Logging

The logging DSL previously introduced in 0.9.1 for execution during runtime is now available during buildtime. You can configure it by editing either `griffon-app/conf/BuildConfig.groovy` or `$USER_HOME/.griffon/settings.groovy` and placing a `log4j` section.

## Runtime

### AddonManager

There's a new helper class (`griffon.core.AddonManager`) that will keep track of installed Addons. Each addon now has an associated descriptor of type `griffon.core.GriffonAddonDescriptor` that can help an application figure out more about addon contributions at runtime.

### Services as Application Event Handlers

You might be aware that Griffon automatically manages services instances (with or without installing the Spring plugin). Each service is treated as a singleton, which made it a bit difficult to configure services as application event listeners. Starting with this release services instances will become application event listeners by default, same as controllers. Also, all available service instances can be accessed from the application instance using the `getServices()` method/property. Be warned that services are still instantiated on demand so you won't be able to query all services instances at a given time if not all of them have been instantiated already.

### Threading AST Transformation

There's a new AST transformation that can be used to inject proper threading management used to execute code outside/inside the UI thread. Refer to section [9.3 Annotation Based Threading](#) of the Griffon Guide.

### Automatic threading management in Controllers

It's been known since the beginning of Swing that executing a long operation inside the EDT is a bad practice and should be avoided. Sadly there is no compile time support for checking for violations of this rule. However starting with this release all controller actions are guaranteed to be executed outside of the EDT. This feature can be configured/disabled in several ways

1. Specify `griffon.disable.threading.injection=true` during the compilation process

```
griffon -Dgriffon.disable.threading.injection=true compile
```

2. Alternatively specify `griffon.disable.threading.injection=true` in either `griffon-app/conf/BuildConfig.groovy` or `$USER_HOME/.griffon/settings.groovy`.
3. Follow the instructions found in section [8.1.1 Threads and Actions](#) of the Griffon Guide.
4. Or annotate the action property/method with `@Threading(Threading.Policy.SKIP)`

This feature complements the `@Threading` AST transformation, which means it will honor any settings you specify if an action is annotated with `@Threading`. A controller action is considered to be

- a public method or a closure property (no access modifier)
- the name of the method/property does not match an event handler (it does not begin with 'on')

## Breaking Changes

### Runtime Behavior

Automatic threading management for controller actions is a very desirable feature but it breaks compatibility with previous releases. You can disable this feature in many ways if it proves to be problematic during transition. Please review all methods and closure properties found in your controllers. Any candidate that follows the rules for actions will be automatically transformed.

### Dependencies

The jar `org.springframework.test` is no longer provided for the test configuration.

## Sample Applications

Griffon 0.9.2-rc1 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.

## 0.9.2-rc1 Release Notes

### Griffon 0.9.2-rc1 Resolved Issues (10 issues)

T	Key	Summary
	GRIFFON-154	GfxBuilder: Line node cannot be used by itself
	GRIFFON-308	Automatically execute controller actions off the UI thread
	GRIFFON-309	DefaultGriffonControllerClass incorrectly lists some methods as actions
	GRIFFON-311	Ability to specify compile flags in BuildConfig.groovy
	GRIFFON-313	POM file for griffon-scripts is missing dependency on griffon-resources
	GRIFFON-317	Services could be auto registered as app event listeners
	GRIFFON-318	Binary zip has weird file permissions
	GRIFFON-319	Tar gz has weird file permissions
	GRIFFON-326	A collection of multiple bugs in gfxbuilder
	GRIFFON-322	Debian installer does not set executable flag on griffon

10 issues