

Griffon 0.2

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Overview

Griffon 0.2 – "Mountain Lion" – is the third major release of Griffon. It includes significant enhancements to the plugin system via runtime plugins called Addons. It also has additional features in the handling of MVC Groups and in the packaging of applications.

Principal Features

Addon Support

Griffon 0.2 adds a runtime analog to the Plugin Architecture called [Addons](#). Since Griffon differs from Grails with its strict runtime/buildtime separation the needs of a plugin architecture needs to reflect this as well. At a high level addons can

- Add anything a Builder adds (factories, delegates, methods, properties).
- Add MVCGroups to the Griffon application
- Add Runtime Events

Sample Plugins that use Addons are

- [Gsql Plugin](#)
 - MacMenus
- More to come!

MVC Groups Enhancements

MVC Groups continue to evolve as the framework matures. Notable changes in the 0.2 series are

- Arbitrary MVC Group Portions
MVC Groups can now add portions other than `model`, `view`, and `controller`. Groups such as `actions` or `animations` may be added.
- Declaration Order Matters
When calling `MvcGroupInit` and calling portion scripts, they are all done in the order declared in `Application.groovy`. The `Upgrade.groovy` script will re-order MVC Groups from 0.0 and 0.1 to maintain legacy behavior (view scripts called last) and all new MVCGroups are created with a `model`, `controller`, `view` or `dering` by default.
- Argument auto-injection
When a property in a MVCGroup portion matches the name of an argument passed into `createMvcGroup` the value is injected automatically.

Packaging Enhancements

`griffon` package has received some re-working with multiple deployment styles. The script now takes zero or more target styles as an argument and places the results in the `dist/<style>` directory. Current styles are `zip`, `jar`, `applet` and `webstart`. `zip` creates a zip of the staging area, `jar` creates a single jar of the application

(suitable for double clicking or deployment in the [Java Store](#). `applet` creates a zip suitable for extraction into a web tree or a war, and `webstart` does the same but for a webstartable applications.

Plugin integration with the installer plugin will be forthcoming.

Sample Applications

Griffon 0.2 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 View is a simple demonstration of creating new MVCGroups on the fly.

[WebStart of Application](#)

Source: [git](#)

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.

[WebStart of Application](#)

Source: [git](#)

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.

[WebStart of Application](#)

Source: [git](#)

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.

[[izpack installer](#) | [dmg files](#) | [windows zip file](#)]

Source: [git](#)

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

Weather Widget

Weather Widget integrates with Weather Underground to give a local weather forecast widget. It demonstrates plugin integration and NetBeans Matisse integration with the `generate-view-script` [WebStart of Application](#)

Source: [git](#)

To run the sample from source, change into the source directory and run `griffon run-app` from the command prompt. You will need to be connected to the internet or already have the `macwidgets` plugin installed.

0.2.0 Release Notes

Beta Released 10 Sep 2009 (Felis Concolor)

0.2.0 released 26 Oct 2009 (Mountain Lion)