

Standards & Environment

- Most of it not needed when programming alone
- Makes your life easier
- Maintenance is much easier

Code Conventions

- They should help you!
- Variable names, comments, white spaces, etc.
- Only useful if everyone cares about them
- Your IDE helps you.
- Name things with consistency
- Use a common vocabulary for the domain

Version Control System

- Make sure there's always a stable copy
- Good commit messages can save a lot of time
- Format your code first, merging becomes easier
- Don't commit your specific files (e.g. .project)
- What's your setup with GIT?

Issue Tracker

- No issue gets lost
- Quick access to all issues
- It's clearer and more uniform than on the wiki

Issue Tracker

- Reproducibility (where, when, how...)
- Priority
- Good title, precise & readable description!
- Add feature requests?
- Comment in code for an Issue?

Plug-ins

- Safe time
- Coding is simpler
- Handy features

Test Coverage

- Shows you your code coverage
- Rather essential
- You need >50%
- Cobertura

Cobertura

Coverage Report - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

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Packages

[All](#)
(default)

All Packages

Classes

- [EasybGriffonPlugin](#) (N/A)
- [FestGriffonPlugin](#) (N/A)
- [Initialize](#) (100%)
- [JdependGriffonPlugin](#) (N/A)
- [WordFinderController](#) (100%)
- [WordFinderModel](#) (N/A)
- [WordFinderView](#) (100%)

Coverage Report - All Packages

| Package | # Classes | Line Coverage | Branch Coverage | Complexity |
|--------------|-----------|---------------|-----------------|------------|
| (default) | 14 | 100% 18/18 | 100% 1/1 | 0 |
| All Packages | 7 | 100% 18/18 | 100% 1/1 | 0 |

| Classes in this Package | Line Coverage | Branch Coverage | Complexity |
|---|---------------|-----------------|------------|
| EasybGriffonPlugin | N/A N/A | N/A N/A | 0 |
| FestGriffonPlugin | N/A N/A | N/A N/A | 0 |
| Initialize | 100% 2/2 | N/A N/A | 0 |
| JdependGriffonPlugin | N/A N/A | N/A N/A | 0 |
| WordFinderController | N/A N/A | N/A N/A | 0 |
| WordFinderController\$_closure1 | 100% 3/3 | 100% 1/1 | 0 |
| WordFinderModel | N/A N/A | N/A N/A | 0 |
| WordFinderView | 100% 3/3 | N/A N/A | 0 |
| WordFinderView\$_run_closure1 | 100% 2/2 | N/A N/A | 0 |
| WordFinderView\$_run_closure2 | 100% 1/1 | N/A N/A | 0 |
| WordFinderView\$_run_closure2_closure4 | 100% 3/3 | N/A N/A | 0 |
| WordFinderView\$_run_closure2_closure4_closure5 | 100% 2/2 | N/A N/A | 0 |
| WordFinderView\$_run_closure2_closure4_closure6 | 100% 1/1 | N/A N/A | 0 |
| WordFinderView\$_run_closure3 | 100% 1/1 | N/A N/A | 0 |

Report generated by [Cobertura](#) 1.8 on 3/27/09 4:03 PM.

file:///home/aalmiray/Desktop/gtac/gtac_sample_code/WordFinder/test/cobertura/JdependGriffonPlugin.html

Cobertura

- # The cobertura test coverage module
- %test.play.tmp=none
- %test.module.cobertura=\$
 {play.path}/modules/cobertura
- %test.cobertura.silent=false
- play auto-test
- <http://localhost:9000/@cobertura>

Html Syntax Lighting

- play/support/eclipse
- Copy .jar s
- Paste into \$eclipse/dropins/

Jautodoc

- You need javadoc
- Javadoc can generate a API for your code
- Auto Javadoc sticks to conventions
- Don't rely on Jautodoc!
- <http://jautodoc.sourceforge.net/>

Fragen?