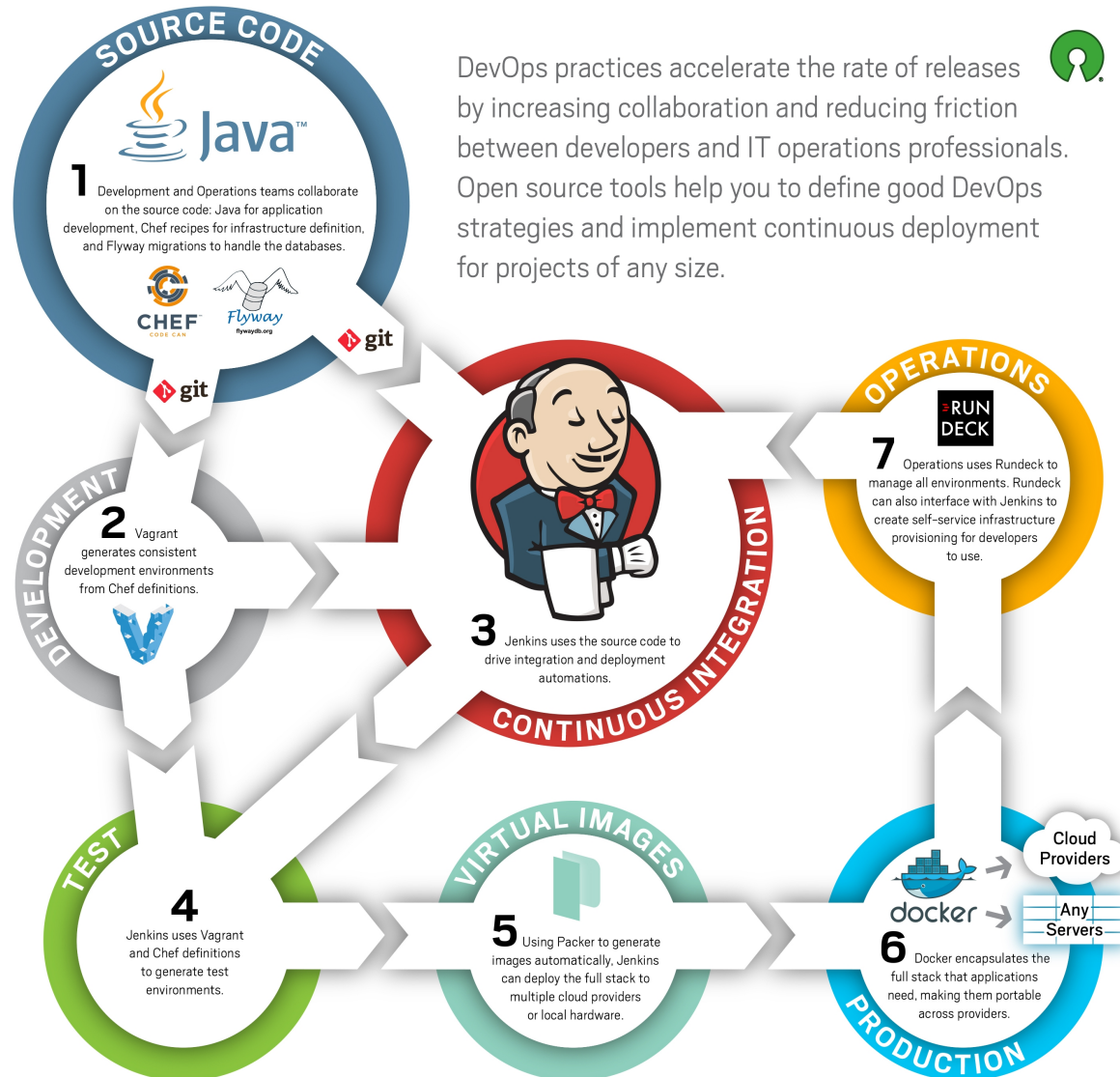


Intégration Continue



DevOps practices accelerate the rate of releases by increasing collaboration and reducing friction between developers and IT operations professionals. Open source tools help you to define good DevOps strategies and implement continuous deployment for projects of any size.

Intégration Continue

Comment ?



1. Compilation depuis un **dépôt de source**
2. Exécutions de **tests unitaires** et alerte en cas de pb
3. **Intégration** base de données au besoin
4. Inspection continue via une analyse de **qualité du code**
5. Préparation d'un package pour le **déploiement**
6. Génération de la **documentation**

Intégration Continue

Pourquoi ?

- **Compilation** dans un **environnement** différent de celui du PC du développeur (propre de tout autre installation parasite => identique pour tous)
 - *Continuous build*
- **Automatisation** des tests unitaires
 - *Continuous testing*
- Autres tests (fonctionnels, d'intégration ...)
- Automatisation du déploiement
 - *Continuous delivery*

Intégration Continue

Jenkins

Jenkins [?](#)

Jenkins > multi-branch > [ENABLE AUTO REFRESH](#)

[Back to Dashboard](#)

[Status](#)

[Delete Project](#)

[Configure](#)

[People](#)

[Build History](#)

[Edit View](#)

[Sync Branches Log](#)

Build Queue

No builds in the queue.

Build Executor Status

#	Status
master	
1	Idle
2	Idle
slave	
1	Building multi-branch >> development #4
2	Idle

Project multi-branch

[add description](#)

[Disable Project](#)

All +

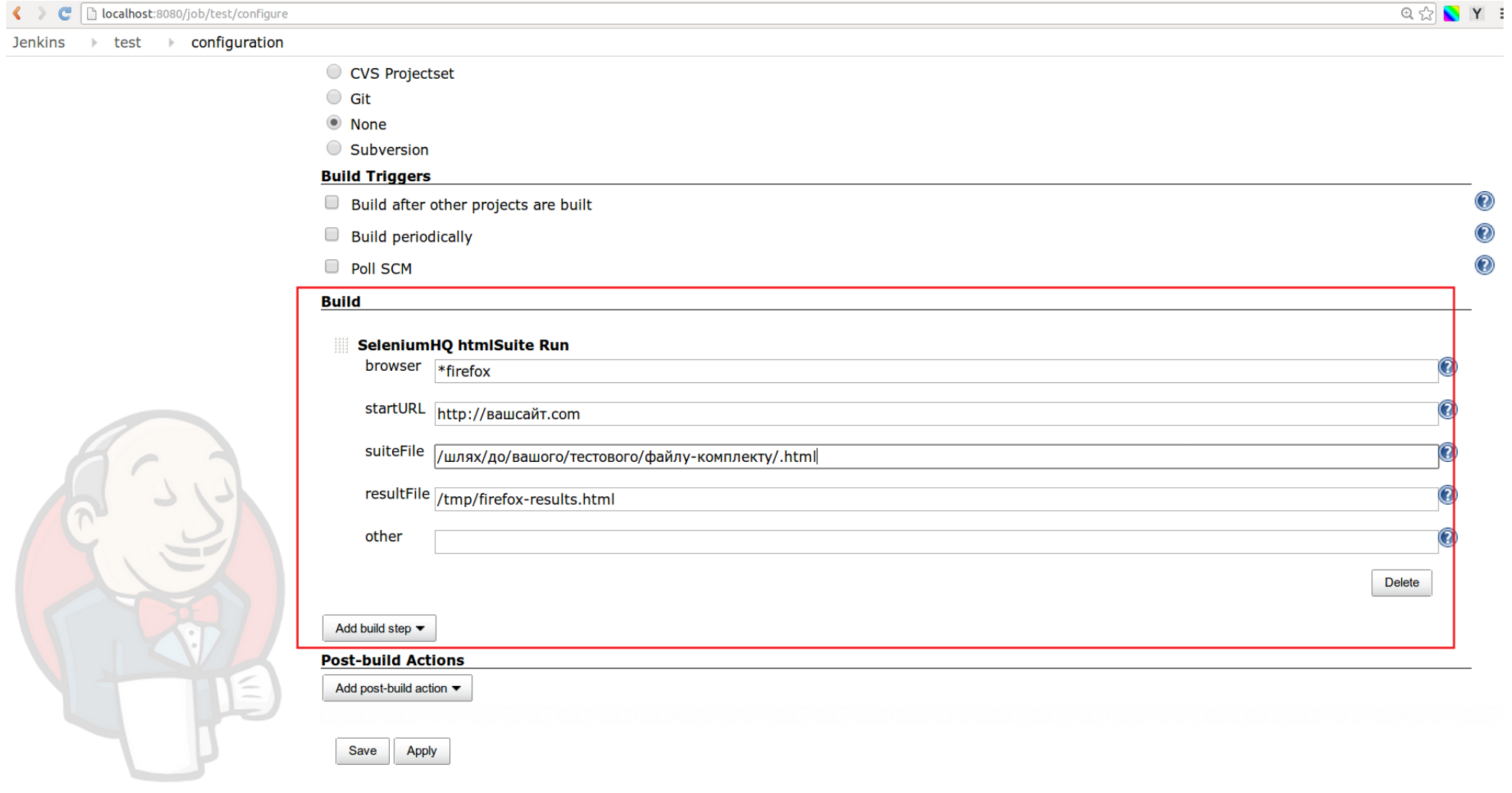
S	W	Name ↓	Last Success	Last Failure	Last Duration	
		development	3 hr 43 min - #3	N/A	2 min 22 sec	
		master	1 day 3 hr - #2	N/A	2 min 3 sec	
		stable	1 day 3 hr - #2	N/A	2 min 6 sec	
		test	40 min - #2	N/A	2 min 2 sec	

Icon: [S](#) [M](#) [L](#)

[Legend](#) [RSS for all](#) [RSS for failures](#) [RSS for just latest builds](#)

Intégration Continue

Jenkins



The screenshot shows the Jenkins configuration page for a job named 'test'. The browser address bar indicates the URL is localhost:8080/job/test/configure. The page is divided into several sections:

- Source Management:** Radio buttons for CVS Projectset, Git, None (selected), and Subversion.
- Build Triggers:** Checkboxes for 'Build after other projects are built', 'Build periodically', and 'Poll SCM'.
- Build:** A section highlighted with a red border, containing a build step named 'SeleniumHQ htmlSuite Run'. The configuration for this step includes:
 - browser: *firefox
 - startURL: http://вашсайт.com
 - suiteFile: /шлях/до/вашого/тестового/файлу-комплекту/.html
 - resultFile: /tmp/firefox-results.html
 - other: (empty field)
- Post-build Actions:** A section with an 'Add post-build action' button.

At the bottom of the configuration page are 'Save' and 'Apply' buttons. A cartoon illustration of a man in a tuxedo is visible on the left side of the page.

Intégration Continue

Jenkins

Build

Invoke top-level Maven targets ?

Maven Version

Goals

Post-build Actions

Publish Javadoc ?

Archive the artifacts ?

Aggregate downstream test results ?

Publish JUnit test result report ?

Test report XMLs

Fileset 'includes' setting that specifies the generated raw XML report files, such as 'myproject/target/test-reports/*.xml'. Basedir of the fileset is [the workspace root](#).

Build other projects ?

Record fingerprints of files to track usage ?

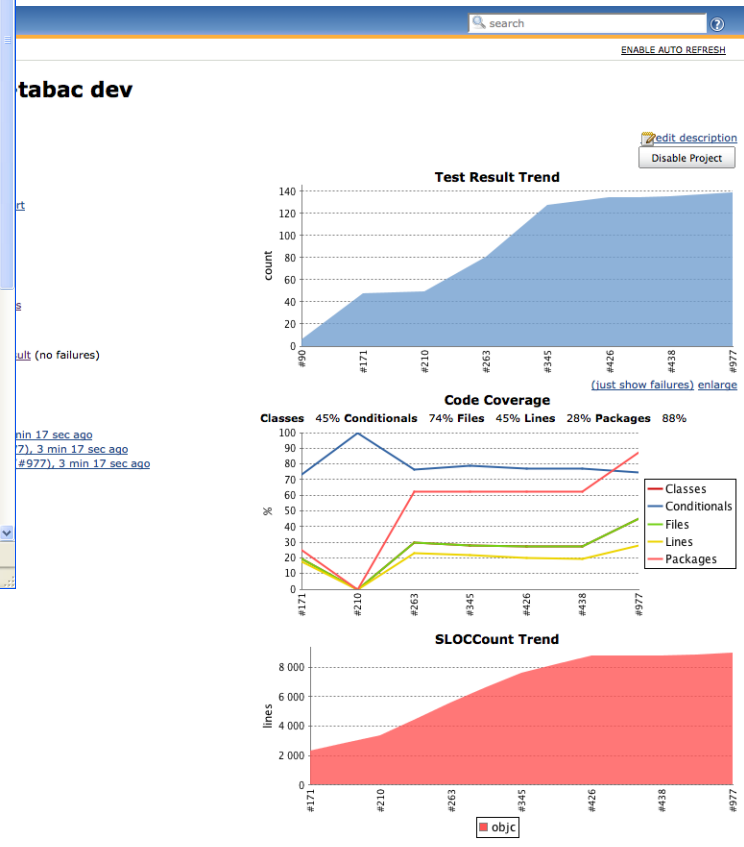
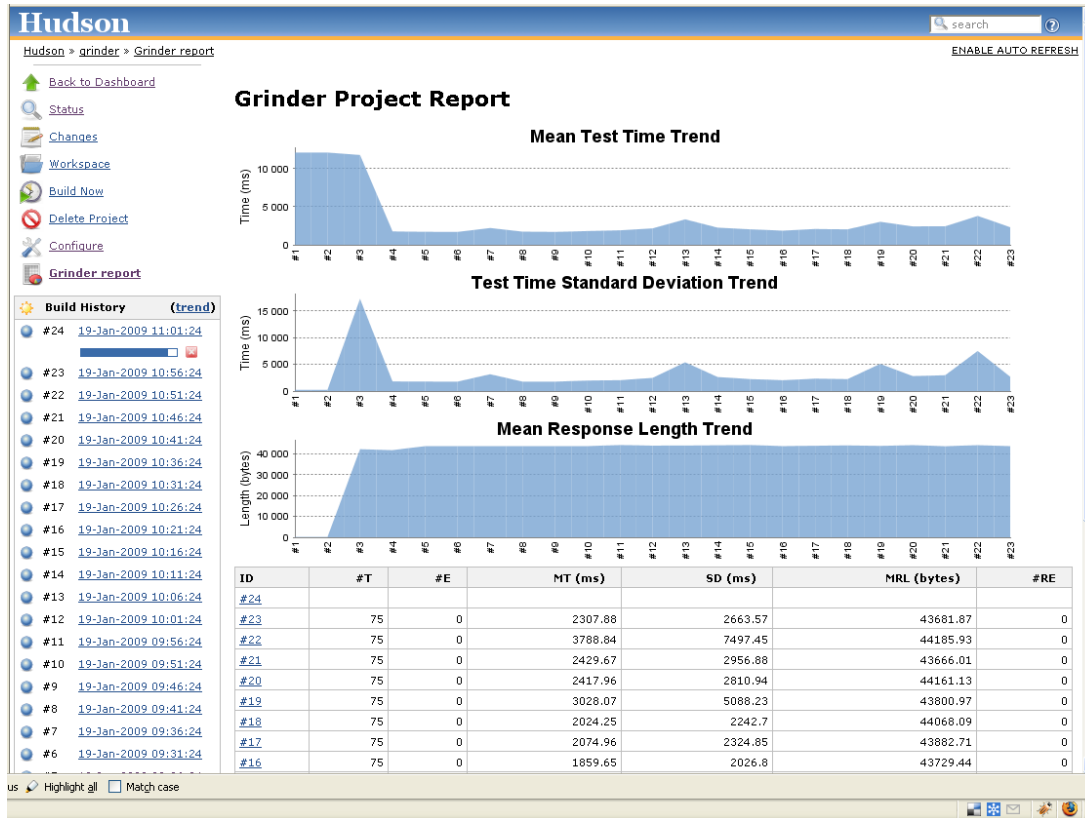
E-mail Notification ?

Intégration Continue

4 [Plugins by topic](#)

- 4.1 [Source code management](#)
- 4.2 [Build triggers](#)
- 4.3 [Build tools](#)
- 4.4 [Build wrappers](#)
- 4.5 [Build notifiers](#)
- 4.6 [Slave launchers and controllers](#)
- 4.7 [Build reports](#)
- 4.8 [Artifact uploaders](#)
- 4.9 [Other post-build actions](#)
- 4.10 [External site/tool integrations](#)
- 4.11 [UI plugins](#)
- 4.12 [List View column plugins](#)
- 4.13 [Page decorators](#)
- 4.14 [Authentication and user management](#)
- 4.15 [Cluster management and distributed build](#)
- 4.16 [CLI extensions](#)
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- 4.18 [Maven](#)
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- 4.20 [iOS development](#)
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- 4.23 [Ruby development](#)
- 4.24 [Library plugins](#)
- 4.25 [Scala plugins](#)

Intégration Continue Jenkins



#90 May 15, 2012 11:49:41 AM
[RSS for all](#) [RSS for failures](#)

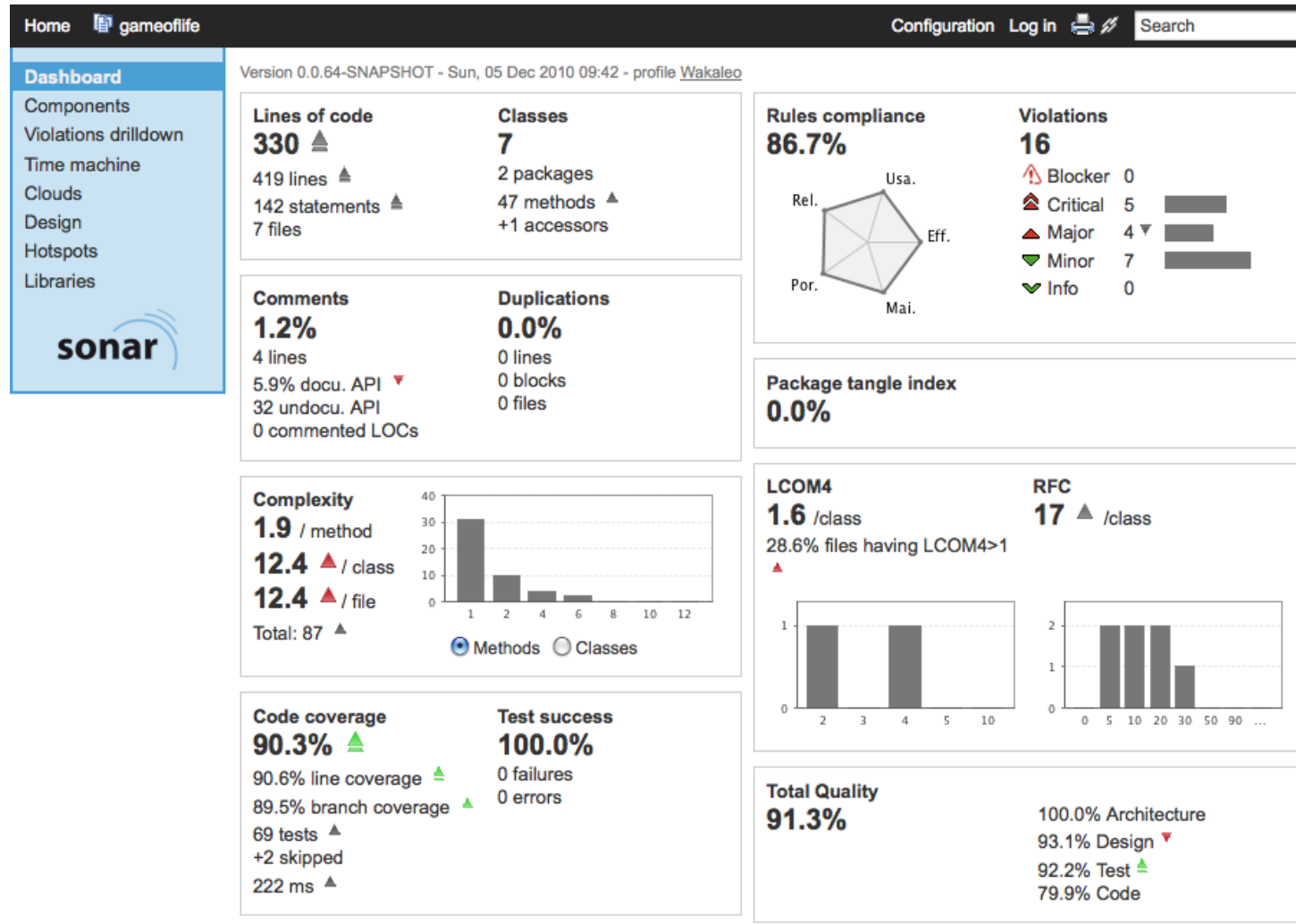


[Help us localize this page](#)

Page generated: Aug 27, 2012 4:40:45 PM [Jenkins ver. 1.470](#)

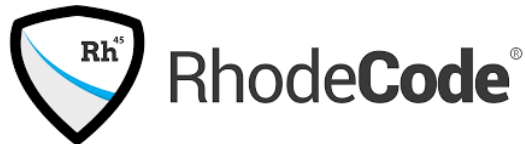
Intégration Continue

Jenkins



Exemples en pratique

(IRCAD - IHU)



Jenkins



Review Board

Exemples en pratique

(CDS - Observatoire)



Jenkins