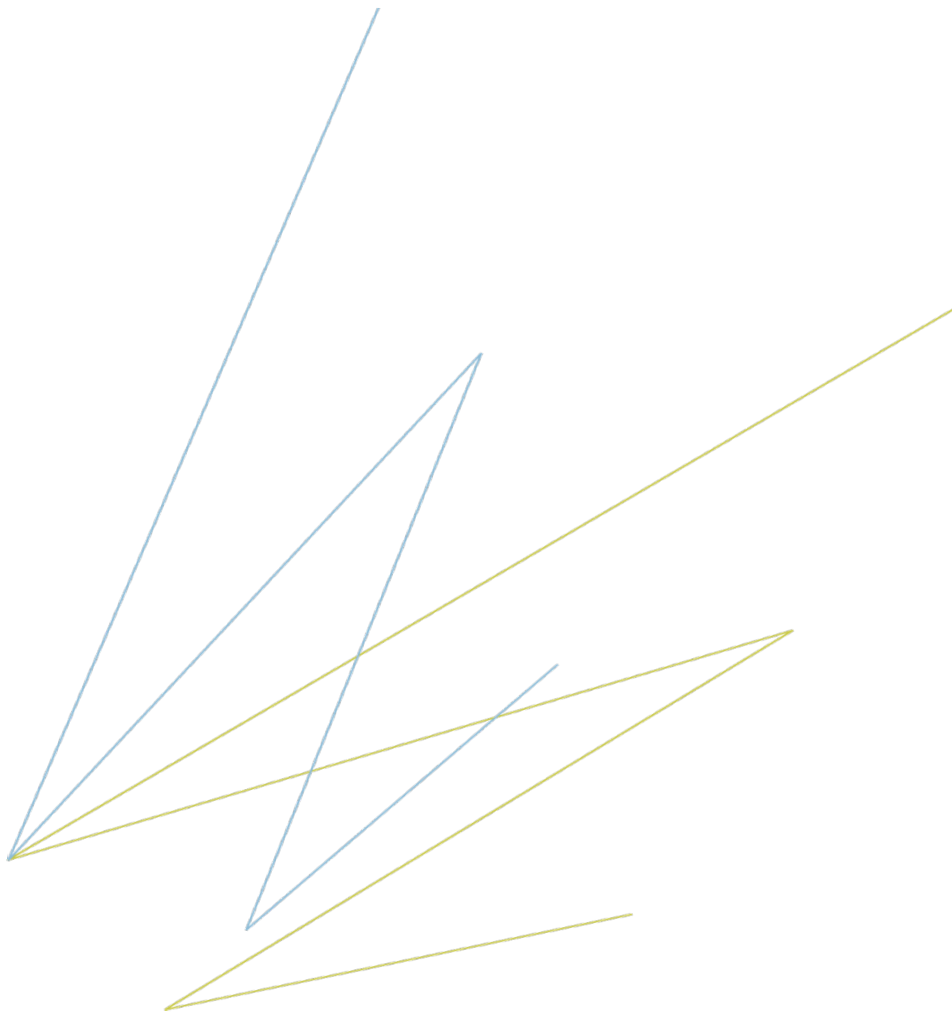


Criteria k

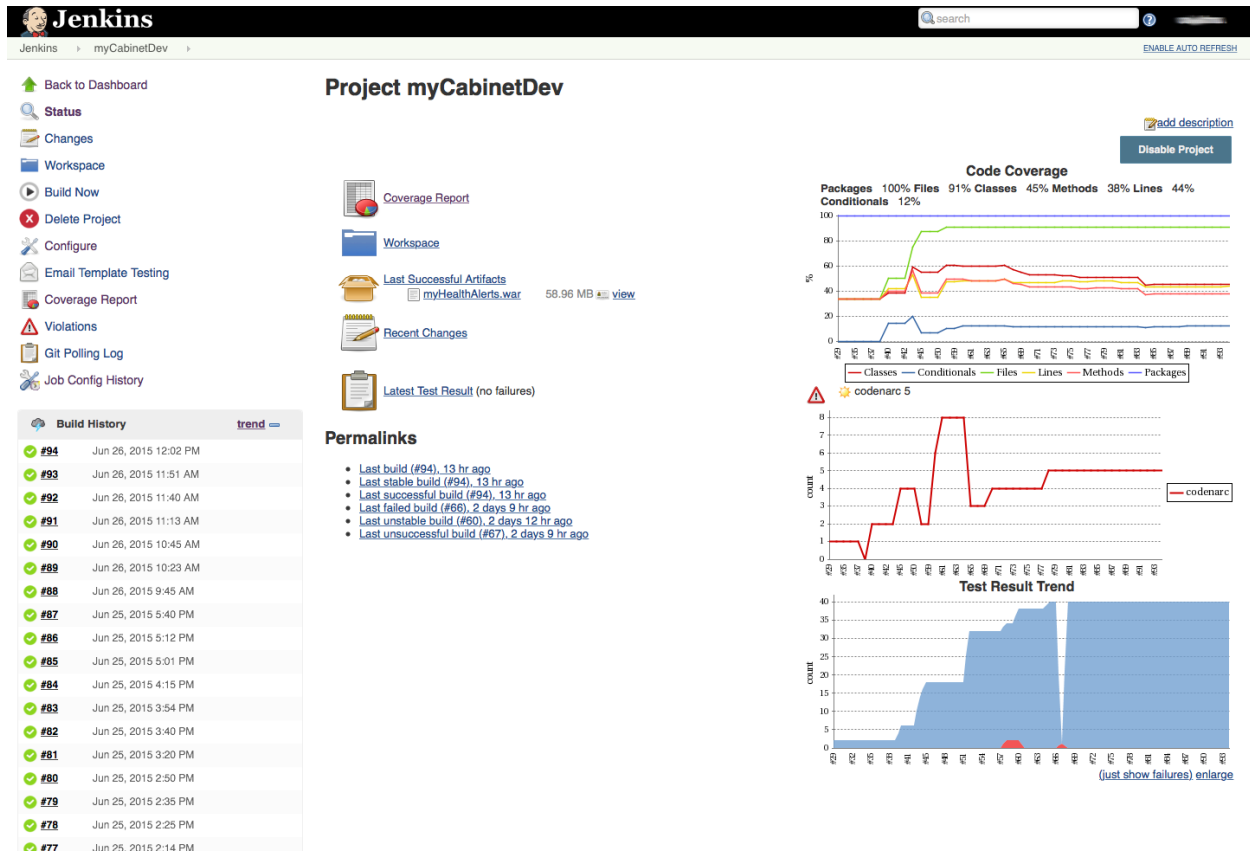
wrote unit tests for their code

Doing What's Right—Doing What Works



Criteria k:
wrote unit tests for their code

Unit test were executed with every build of our Jenkins CI pipeline.



Landing page of the primary Jenkins job within the CI pipeline. Unit tests executed by build are pictured in the bottom right graph. Associate code coverage metrics are pictured in the top right graph.

Test Result : org.noblis.myHealthAlerts

0 failures (s0)

40 tests (s0)
Took 40 sec.
[add description](#)

All Tests

Class	Duration	Fail	(s0) Skip	(s0) Pass	(s0) Total	(s0)
DashboardControllerSpec	2.7 sec	0	0	2	2	
DetailControllerSpec	8.2 sec	0	0	4	4	
HealthProductControllerSpec	9.9 sec	0	0	14	14	
HealthProductSpec	11 sec	0	0	2	2	
OpenFdaSearchServiceSpec	1.8 sec	0	0	14	14	
RegisterCommandSpec	2.4 sec	0	0	2	2	
UserSpec	3.6 sec	0	0	2	2	

Page generated: Jul 1, 2015 11:19:33 PM [REST API](#) [Jenkins ver. 1.609.1](#)

Summary of all unit tests by class in build #94 of the CI pipeline.



Unit Test Results - All tests

Executed 20 tests without a single error or failure!

[Tests with failure and errors](#)

[Package summary](#)

[Show all tests](#)

DashboardControllerSpec

A single test executed without a single error or failure!

✔ test index

Executed in 1.368 seconds.

DetailControllerSpec

Executed 2 tests without a single error or failure!

✔ test index

Executed in 4.059 seconds.

✔ test add short description

Executed in 0.063 seconds.

HealthProductControllerSpec

Executed 7 tests without a single error or failure!

✔ test add a valid health product

Executed in 1.2 seconds.

✔ test add an invalid health product

Executed in 2.789 seconds.

✔ test update health product

Executed in 0.121 seconds.

✔ test update health product no id

Executed in 0.105 seconds.

✔ test delete health product

Executed in 0.295 seconds.

✔ test delete health product no id

Executed in 0.209 seconds.

✔ test update notification checkbox

Executed in 0.255 seconds.

Screen shot of Test Report page from Jenkins job workspace.



HealthProductSpec

A single test executed without a single error or failure!

✔ test create health product

Executed in 5.676 seconds.

OpenFdaSearchServiceSpec

Executed 7 tests without a single error or failure!

✔ test autocomplete

Executed in 0.432 seconds.

✔ test get details

Executed in 0.217 seconds.

✔ test get reaction list

Executed in 0.036 seconds.

✔ test get enforcement report data

Executed in 0.081 seconds.

✔ test enforcement report sorting

Executed in 0.05 seconds.

✔ test get warnings and description

Executed in 0.09 seconds.

✔ test add short report info

Executed in 0.027 seconds.

RegisterCommandSpec

A single test executed without a single error or failure!

✔ Test username is valid email address

Executed in 1.207 seconds.

UserSpec

A single test executed without a single error or failure!

✔ Test email address constraint on username

Executed in 1.811 seconds.

Screen shot of Test Report page from Jenkins job workspace (cont).

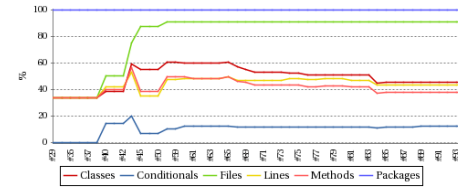


- Back to Project
- Status
- Changes
- Console Output
- Edit Build Information
- Delete Build
- Polling Log
- Git Build Data
- No Tags
- See Fingerprints
- Coverage Report
- Test Result
- Violations
- Previous Build

Code Coverage

Cobertura Coverage Report

Trend

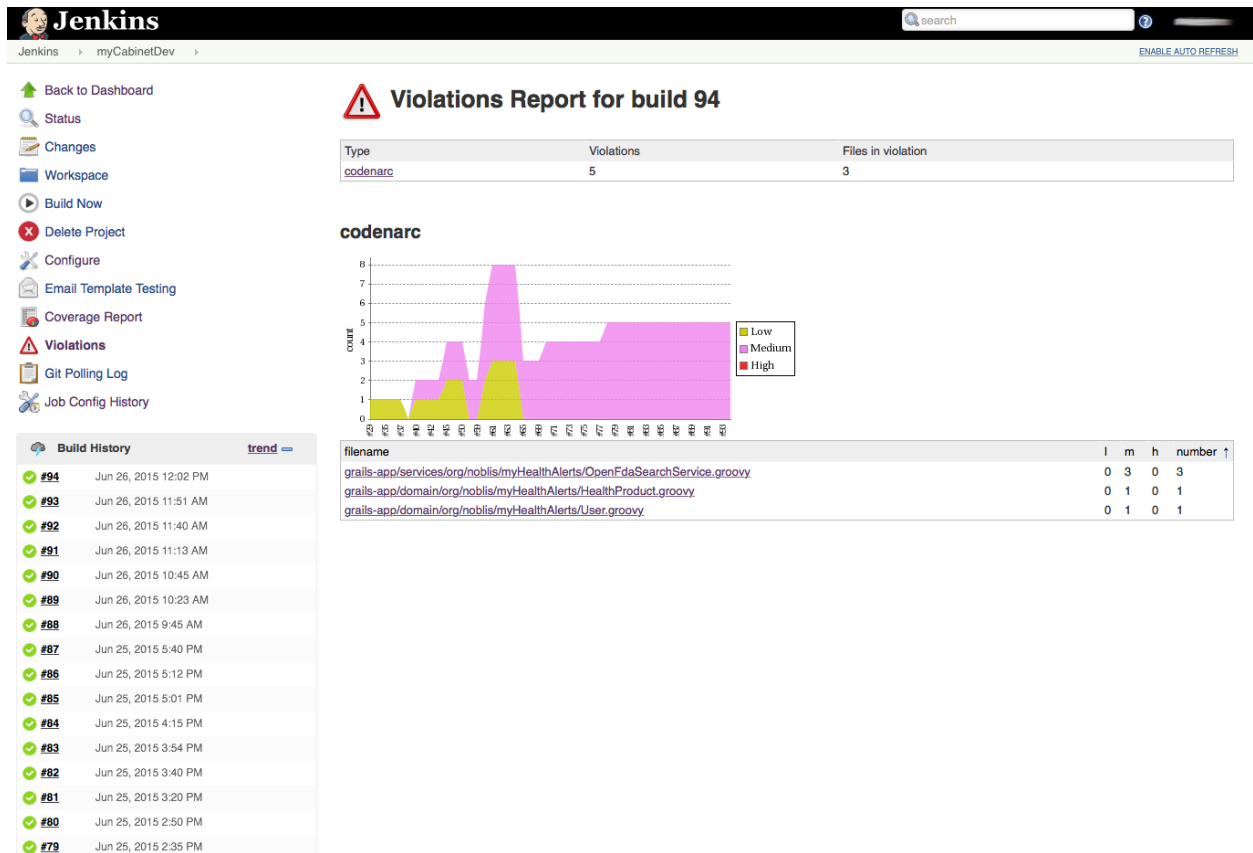


Project Coverage summary

Name	Packages	Files	Classes	Methods	Lines	Conditionals
Cobertura Coverage Report	100% 1/1	91% 10/11	45% 30/66	38% 42/111	44% 121/276	12% 97/816

Coverage Breakdown by Package

Name	Files	Classes	Methods	Lines	Conditionals
org.noblis.myHealthAlerts	91% 10/11	45% 30/66	38% 42/111	44% 121/276	12% 97/816



While not technically unit tests, CodeNarc is a tool that analyzes Groovy code for defects, bad practices, style issues and more. The image above shows the summary screen for 3 groovy files.

Jenkins

Back to Dashboard

Status

Changes

Workspace

Build Now

Delete Project

Configure

Email Template Testing

Coverage Report

Violations

Git Polling Log

Job Config History

Build History

trend

File: HealthProduct.groovy Lines 1 to 16

```
1 package org.noblis.myHealthAlerts
2
3 import groovy.transform.ToString
4
5 @ToString(includeNames = true, includeFields = true)
6 class HealthProduct {
7
8     String productName
9     Date startDate
10    Date endDate
11    Boolean emailNotification = true
12
13    static constraints = {
14        productName blank:false
15        startDate nullable:true
16        endDate nullable:true
```

#94	Jun 26, 2015 12:02 PM
#93	Jun 26, 2015 11:51 AM
#92	Jun 26, 2015 11:40 AM
#91	Jun 26, 2015 11:13 AM
#90	Jun 26, 2015 10:45 AM
#89	Jun 26, 2015 10:23 AM
#88	Jun 26, 2015 9:45 AM
#87	Jun 25, 2015 5:40 PM
#86	Jun 25, 2015 5:12 PM
#85	Jun 25, 2015 5:01 PM
#84	Jun 25, 2015 4:15 PM
#83	Jun 25, 2015 3:54 PM
#82	Jun 25, 2015 3:40 PM
#81	Jun 25, 2015 3:20 PM
#80	Jun 25, 2015 2:50 PM

The image above shows the results of a CodeNarc run for an individual file.