



**coffeebuddy - Parent**  
**1.0-SNAPSHOT**

*Sonar way*  
*2014-02-14*

# Table of contents

<b>1. coffeebuddy - Parent</b>	<b>Page 1</b>
1.1. Report Overview	
1.2. Violations Analysis	
1.3. Violations Details	
<b>2. coffeebuddy - Application</b>	<b>Page 5</b>
2.1. Report Overview	
2.2. Violations Analysis	
2.3. Violations Details	
<b>3. coffeebuddy-roboelectric</b>	<b>Page 9</b>
3.1. Report Overview	
3.2. Violations Analysis	
3.3. Violations Details	

## 1. coffeebuddy - Parent

This chapter presents an overview of the project measures. This dashboard shows the most important measures related to project quality, and it provides a good starting point for identifying problems in source code.

### 1.1. Report Overview

#### Static Analysis

##### Lines of code

743



3 packages

18 classes

79 methods

0.0% duplicated lines

##### Comments

15.9%



140 comment lines

##### Complexity

1.5

6.6 /class

118 decision points

#### Dynamic Analysis

##### Code Coverage

61.0%



58 tests

##### Test Success

100.0%



0 failures

0 errors

#### Coding Rules Violations

##### Rules Compliance

83.2%

##### Violations

66



### 1.2. Violations Analysis

Most violated rules	
Loose coupling	9
Visibility Modifier	5
Statements should be on separate lines	5
if/else/for/while/do statements should always use curly braces	5
Static Variable Name	3

Most violated files	
CoffeeReceipt	15
CoffeeWizard	12
ReceiptDatabaseHelper	12
TagListAdapter	5
ListActivity	4

Most complex files	
CoffeeReceipt	35
ReceiptDatabaseHelper	21
Tag	14
ListActivity	12
CoffeeReceiptActivity	9

Most duplicated files	
No duplications	

### 1.3. Violations Details

Rule	Loose coupling	
File	Line	
ListActivity	22	
ReceiptArrayAdapter	24, 21	
TagListAdapter	25, 22	
CoffeeReceipt	156, 29, 54	
Tag	109	

Rule	Visibility Modifier	
File	Line	
ListActivity	106	
TagListAdapter	65	
CoffeeWizard	10, 9, 11	

Rule	Statements should be on separate lines	
------	--	--

File	Line
CoffeeReceipt	45, 153, 175, 260
ReceiptDatabaseHelper	99

Rule	if/else/for/while/do statements should always use curly braces	
File	Line	
CoffeeReceipt	260, 153, 45, 175	
ReceiptDatabaseHelper	99	

Rule	Static Variable Name	
File	Line	
CoffeeWizard	9, 11, 10	

Rule	Unused Private Field	
File	Line	
ReceiptDatabaseHelper	25, 26	

Rule	Constructor Calls Overridable Method	
File	Line	
CoffeeReceipt	34	
Tag	35, 36	

Rule	Naming - Suspicious constant field name	
File	Line	
CoffeeWizard	9	

Rule	Tabulation characters should not be used	
File	Line	
CoffeeReceiptActivity	N/A	
CoffeeWizardActivity	N/A	
ListActivity	N/A	
Main	N/A	

MyActivity	N/A
TagListArrayAdapter	N/A
CoffeeReceipt	N/A
CoffeeWizard	N/A
Tag	N/A
ReceiptContract	N/A
ReceiptDatabaseHelper	N/A
Saveable	N/A
ListLayout	N/A

Rule	Trailing Comment
File	Line
CoffeeReceipt	226, 228, 231, 227, 232, 229, 230
ReceiptDatabaseHelper	156, 152, 154, 153, 158, 155, 157

## 2. coffeebuddy - Application

### 2.1. Report Overview

#### Static Analysis

##### Lines of code

**743** 

3 packages

18 classes

79 methods

0.0% duplicated lines

##### Comments

**15.9%** 

140 comment lines

##### Complexity

**1.5**

6.6 /class

118 decision points

#### Dynamic Analysis

##### Code Coverage

**61.0%** 

29 tests

##### Test Success

**100.0%** 

0 failures

0 errors

#### Coding Rules Violations

##### Rules Compliance

**83.2%**

##### Violations

**66** 

### 2.2. Violations Analysis

Most violated rules	
Loose coupling	9
Visibility Modifier	5
Statements should be on separate lines	5
if/else/for/while/do statements should always use curly braces	5
Static Variable Name	3

Most violated files
---------------------

CoffeeReceipt	15
CoffeeWizard	12
ReceiptDatabaseHelper	12
TagListAdapter	5
ListActivity	4

Most complex files	
CoffeeReceipt	35
ReceiptDatabaseHelper	21
Tag	14
ListActivity	12
CoffeeReceiptActivity	9

Most duplicated files	
No duplications	

## 2.3. Violations Details

Rule	Loose coupling	
File	Line	
ListActivity	22	
ReceiptArrayAdapter	24, 21	
TagListAdapter	25, 22	
CoffeeReceipt	156, 29, 54	
Tag	109	

Rule	Visibility Modifier	
File	Line	
ListActivity	106	
TagListAdapter	65	
CoffeeWizard	10, 9, 11	

Rule	Statements should be on separate lines	
File	Line	



CoffeeReceipt	45, 153, 175, 260
ReceiptDatabaseHelper	99

Rule	if/else/for/while/do statements should always use curly braces	
File	Line	
CoffeeReceipt	260, 153, 45, 175	
ReceiptDatabaseHelper	99	

Rule	Static Variable Name	
File	Line	
CoffeeWizard	9, 11, 10	

Rule	Unused Private Field	
File	Line	
ReceiptDatabaseHelper	25, 26	

Rule	Constructor Calls Overridable Method	
File	Line	
CoffeeReceipt	34	
Tag	35, 36	

Rule	Naming - Suspicious constant field name	
File	Line	
CoffeeWizard	9	

Rule	Tabulation characters should not be used	
File	Line	
CoffeeReceiptActivity	N/A	
CoffeeWizardActivity	N/A	
ListActivity	N/A	
Main	N/A	
MyActivity	N/A	

TagListAdapter	N/A
CoffeeReceipt	N/A
CoffeeWizard	N/A
Tag	N/A
ReceiptContract	N/A
ReceiptDatabaseHelper	N/A
Saveable	N/A
ListLayout	N/A

Rule	Trailing Comment
File	Line
CoffeeReceipt	226, 228, 231, 227, 232, 229, 230
ReceiptDatabaseHelper	156, 152, 154, 153, 158, 155, 157

### 3. coffeebuddy-roboelectric

#### 3.1. Report Overview

##### Static Analysis

**Lines of code**

N/A

N/A packages

N/A classes

N/A methods

N/A duplicated lines

**Comments**

N/A

N/A comment lines

**Complexity**

N/A

N/A /class

N/A decision points

##### Dynamic Analysis

**Code Coverage**

N/A

29 tests

**Test Success**100.0% 

0 failures

0 errors

##### Coding Rules Violations

**Rules Compliance**

N/A

**Violations**

0

#### 3.2. Violations Analysis

**Most violated rules**

No violated rules

**Most violated files**

No violated files

**Most complex files**

No complex files

Most duplicated files
No duplications

### 3.3. Violations Details