



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

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## 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

**640**

3 packages

17 classes

68 methods

0.0% duplicated lines

##### Comments

**9.5%**

67 comment lines

##### Complexity

**1.4**

5.5 /class

94 decision points

#### Dynamic Analysis

##### Code Coverage

**57.5%**



50 tests

##### Test Success

**72.0%**

4 failures

10 errors

#### Coding Rules Violations

##### Rules Compliance

**82.3%**

##### Violations

**59**

### 1.2. Violations Analysis

Most violated rules	
Loose coupling	8
Visibility Modifier	5
Statements should be on separate lines	4
if/else/for/while/do statements should always use curly braces	4
Static Variable Name	3

Most violated files	
CoffeeReceipt	23
CoffeeWizard	12
TagListAdapter	5
ListActivity	4
ReceiptArrayAdapter	3

Most complex files	
CoffeeReceipt	38
ListActivity	12
CoffeeReceiptActivity	9
TagListAdapter	8
CoffeeWizard	7

Most duplicated files	
No duplications	

### 1.3. Violations Details

Rule	Loose coupling	
File	Line	
ListActivity	22	
ReceiptArrayAdapter	24, 21	
TagListAdapter	25, 21	
CoffeeReceipt	156, 28, 54	

Rule	Visibility Modifier	
File	Line	
ListActivity	78	
TagListAdapter	69	
CoffeeWizard	10, 9, 11	

Rule	Statements should be on separate lines	
File	Line	

CoffeeReceipt	45, 153, 175, 280
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Rule	if/else/for/while/do statements should always use curly braces	
File	Line	
CoffeeReceipt	280, 153, 45, 175	

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

Rule	Constructor Calls Overridable Method	
File	Line	
CoffeeReceipt	34	
Tag	20	

Rule	Naming - Suspicious constant field name	
File	Line	
CoffeeWizard	9	

Rule	Unused formal parameter	
File	Line	
Tag	19	

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

Rule	Trailing Comment
File	Line
CoffeeReceipt	226, 228, 231, 227, 232, 229, 230


## 2. coffeebuddy - Application

### 2.1. Report Overview

#### Static Analysis

Lines of code	Comments	Complexity
<b>640</b>	<b>9.5%</b>	<b>1.4</b>
3 packages	67 comment lines	5.5 /class
17 classes		94 decision points
68 methods		
0.0% duplicated lines		

#### Dynamic Analysis

Code Coverage	Test Success
<b>57.5%</b> 	<b>72.0%</b>
25 tests	2 failures
	5 errors

#### Coding Rules Violations

Rules Compliance	Violations
<b>82.3%</b>	<b>59</b>

### 2.2. Violations Analysis

Most violated rules	
Loose coupling	8
Visibility Modifier	5
Statements should be on separate lines	4
if/else/for/while/do statements should always use curly braces	4
Static Variable Name	3

Most violated files
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CoffeeReceipt	23
CoffeeWizard	12
TagListAdapter	5
ListActivity	4
ReceiptArrayAdapter	3

Most complex files	
CoffeeReceipt	38
ListActivity	12
CoffeeReceiptActivity	9
TagListAdapter	8
CoffeeWizard	7

Most duplicated files	
No duplications	

## 2.3. Violations Details

Rule	Loose coupling	
File	Line	
ListActivity	22	
ReceiptArrayAdapter	24, 21	
TagListAdapter	25, 21	
CoffeeReceipt	156, 28, 54	

Rule	Visibility Modifier	
File	Line	
ListActivity	78	
TagListAdapter	69	
CoffeeWizard	10, 9, 11	

Rule	Statements should be on separate lines	
File	Line	
CoffeeReceipt	45, 153, 175, 280	



Rule	if/else/for/while/do statements should always use curly braces	
File	Line	
CoffeeReceipt	280, 153, 45, 175	

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

Rule	Constructor Calls Overridable Method	
File	Line	
CoffeeReceipt	34	
Tag	20	

Rule	Naming - Suspicious constant field name	
File	Line	
CoffeeWizard	9	

Rule	Unused formal parameter	
File	Line	
Tag	19	

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
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Rule	Trailing Comment
File	Line
CoffeeReceipt	226, 228, 231, 227, 232, 229, 230

### 3. coffeebuddy-roboelectric

#### 3.1. Report Overview

##### Static Analysis

Lines of code	Comments	Complexity
N/A	N/A	N/A
N/A packages	N/A comment lines	N/A /class
N/A classes		N/A decision points
N/A methods		
N/A duplicated lines		

##### Dynamic Analysis

Code Coverage	Test Success
N/A	72.0%
25 tests	2 failures
	5 errors

##### Coding Rules Violations

Rules Compliance	Violations
N/A	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