



**EmsGradle**  
**1.0**

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## 1. EmsGradle

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

**187**

N/A packages

6 classes

32 methods

0.0% duplicated lines

##### Comments

**3.1%**

6 comment lines

##### Complexity

**0.7**

3.8 /class

23 decision points

#### Dynamic Analysis

##### Code Coverage

**N/A**

N/A tests

##### Test Success

**N/A**

N/A failures

N/A errors

#### Coding Rules Issues

##### Technical Debt

**11d**

##### Issues

**472**

### 1.2. Issues Analysis

Most violated rules	
Source code should be correctly indented	32
Left curly braces should be located at the beginning of lines of code	32
Public types, methods and fields (API) should be documented with Javadoc	27
Javadoc Method	26
Require This	15

Most violated files	
EmployeeController.java	107
EmployeeCommand.java	100
EmployeeDAOImpl.java	89
EmployeeServiceImpl.java	77
EmployeeDAO.java	48

Most complex files	
EmployeeController.java	7
EmployeeDAOImpl.java	7
EmployeeServiceImpl.java	6
EmployeeCommand.java	3

Most duplicated files	
No duplications	

### 1.3. Issues Details

Rule	Source code should be correctly indented	
File	Line	
EmployeeController.java	45, 20, 25, 66, 36, 51, 59, 31	
EmployeeDAO.java	8	
EmployeeDAOImpl.java	46, 40, 13, 29, 16, 22, 27	
EmployeeCommand.java	13, 49, 37, 41	

Rule	Left curly braces should be located at the beginning of lines of code	
File	Line	
EmployeeController.java	58, 35, 30, 50, 24, 44, 17	
EmployeeDAO.java	7	
EmployeeDAOImpl.java	45, 10, 21, 34, 39, 15, 26, 28	
EmployeeCommand.java	32, 13, 44, 48	

Rule	Public types, methods and fields (API) should be documented with Javadoc	
File	Line	
EmployeeController.java	24, 30, 35, 64, 43, 57, 17, 50	
EmployeeDAO.java	9, 7, 10, 11, 12, 8	
EmployeeDAOImpl.java	15, 10	
EmployeeCommand.java	10, 20, 13	
EmployeeService.java	12	

Rule	Javadoc Method	
File	Line	
EmployeeController.java	56, 42, 49, 29, 63, 24, 34	
EmployeeDAO.java	11, 10, 12, 8, 9	
EmployeeDAOImpl.java	15	
EmployeeCommand.java	32, 28, 13, 48, 40, 36, 44	

Rule	Require This	
File	Line	
EmployeeController.java	66, 59, 37, 51, 45	
EmployeeDAOImpl.java	35, 27	
EmployeeCommand.java	29, 45, 37	
EmployeeServiceImpl.java	39, 45, 27, 33, 51	

Rule	Javadoc Type	
File	Line	
EmployeeController.java	16	
EmployeeDAO.java	7	
EmployeeDAOImpl.java	10	
EmployeeCommand.java	8	
EmployeeService.java	7	
EmployeeServiceImpl.java	12	

Rule	Javadoc Variable	
File	Line	

EmployeeController.java	19
EmployeeDAOImpl.java	12
EmployeeCommand.java	25, 18, 22
EmployeeServiceImpl.java	21

Rule	Insufficient comment density	
File	Line	
EmployeeController.java	N/A	
EmployeeDAO.java	N/A	
EmployeeDAOImpl.java	N/A	
EmployeeCommand.java	N/A	
EmployeeService.java	N/A	
EmployeeServiceImpl.java	N/A	

Rule	Line Length	
File	Line	
EmployeeController.java	51, 50	
EmployeeDAOImpl.java	35, 40, 27	

Rule	Unnecessary constructor	
File	Line	
EmployeeController.java	24	
EmployeeDAOImpl.java	15	
EmployeeCommand.java	13	
EmployeeServiceImpl.java	16	