

Test Results Excel Report

The function of reporting the test results in the Excel format is not an open source. It was developed in the e- government development framework development environment.

The style doesn't change when Ant or Maven is used, but if a customized template Excel file is used, the Excel report is created based on that style. For the basics, refer to [How to Create Excel Report](#). For details on Test Results Excel Reporting, refer to [Test Results Excel Report Details](#).

Test Results Excel Report Creation Settings

The Excel format report uses the default template to create the above Excel report.

There are many settings, but if you don't set up, the default is used.

You can customize the Excel styles by creating a desired style template and setting the information and you can create reports in the format that you want per project. The usage is as follows.

Maven Settings

Attribute	Default	Description
outputDirectory	\${project.build.directory}/egovtest	Directory where an Excel file is created
outputname	egovtest- junit.xls	Excel report tile
templatepath	template- junit.xls	Template Excel file location (full path). The default is provided by Jar
headerPosition - summary - packages - lists	" 0,A,4" " 0,A,8" " 1,A,4"	Excel table header location information for Summary, Package and TestCase Lists (sheet, column, row)
reportsDirectory	\${project.build.directory}/surefire- reports	Test Result XML file location

Ant Settings

Attribute	Default	Description
todir	N/A	Directory where an Excel file is created
outputname	egovtest- junit.xls	Excel report tile
templatepath	template- junit.xls	Template Excel file location (full path). The default is provided by Jar
summary	" 0,A,4"	Excel table header location information for Summary (sheet, column, row)
packages	" 0,A,8"	Excel table header location information for Package (sheet, column, row)
lists	" 1,A,4"	Excel table header location information for TestCase Lists (sheet, column, row)
fileset	N/A	Test Result XML file location

How to Customize Template File

When creating an Excel format report, you can create a template file to change the report style in each project. .

There are changeable and unchangeable contents:

- Changeable contents: Excel file style and header start location
- Unchangeable contents: Listed items and sequence

Classification	Items
Summary	Test, Errors, Failures, Skipped, Success Rate, Time (s)
Package	Test, Errors, Failures, Skipped, Success Rate, Time (s)
Lists	Package, Class, Test Case, Successes, Errors, Failures, Skipped, Time (s)

Sample of Customized Template

As shown in the following figure, though the colors and contents are changed, the style will not change if you set the header information based on the default template.

Microsoft Excel - template-kr.xls

파일(F) 편집(E) 보기(V) 삽입(I) 서식(O) 도구(T) 데이터(D) 창(W) 도움말(H)

B11 이름

JUnit Test 결과

summary: 0, B, 6

Summary	이름	테스트 수
all classes		74

Package

packages: 0, B, 11

이름	테스트 수
egovframework.dev.samples.guestbook.category.service	6

Summary\Lists/

Microsoft Excel - template-kr.xls

파일(F) 편집(E) 보기(V) 삽입(I) 서식(O) 도구(T) 데이터(D) 창(W) 도움말(H)

A5 Package

Test

lists 위치 : 1, A, 5

Package	Class
egovframework.dev.samples.guestbook.category.service	EgovTxServiceImpITest

Summary\Lists/

Default template

Microsoft Excel - template-kr.xls

파일(F) 편집(E) 보기(V) 삽입(I) 서식(O) 도구(T) 데이터(D) 창(W) 도움말(H)

A4 name

JUnit Test Results Summary

summary: 0, A, 4

Summary	name	Tests	Errors	Failures	Skipped	Success Rate	Time (s)
all classes		74	7	0	5	83.78%	60.845

Package

packages: 0, A, 8

name	Tests	Errors	Failures	Skipped	Success Rate	Time (s)
egovframework.dev.samples.guestbook.category.service	6	6	0	0	0.00%	2.964

Summary\Lists/

A4 Package

Unit Test Results

lists: 1, A, 4

Package	Class	Test Case	Successes	Errors	Failures	Skipped	Time (s)
egovframework.dev.samples.guestbook.category.service	EgovTxServiceImpITest	testSelectCount	0	1	0	0	1.453

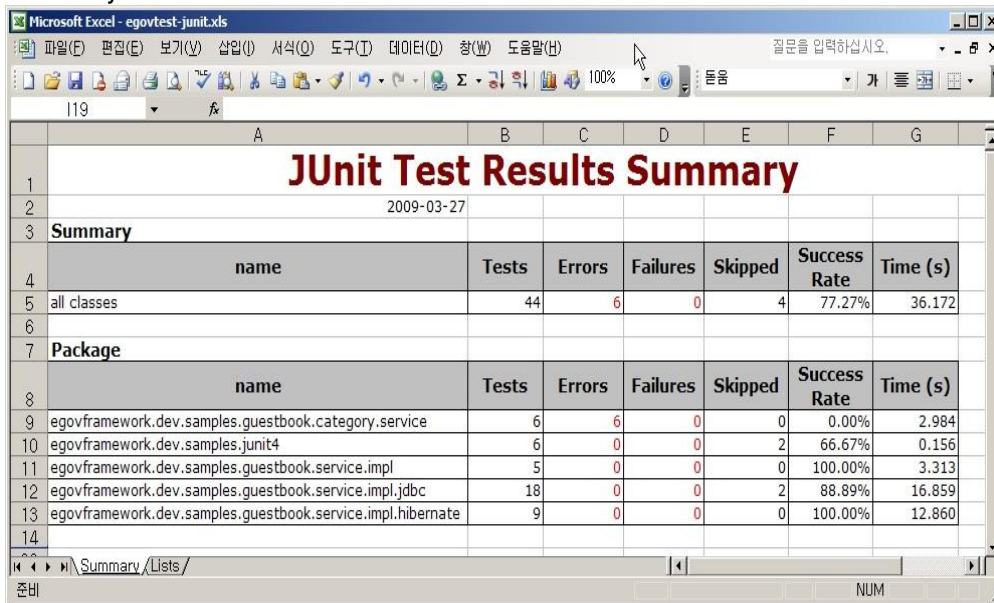
Summary\Lists/

Excel Report Created after Testing

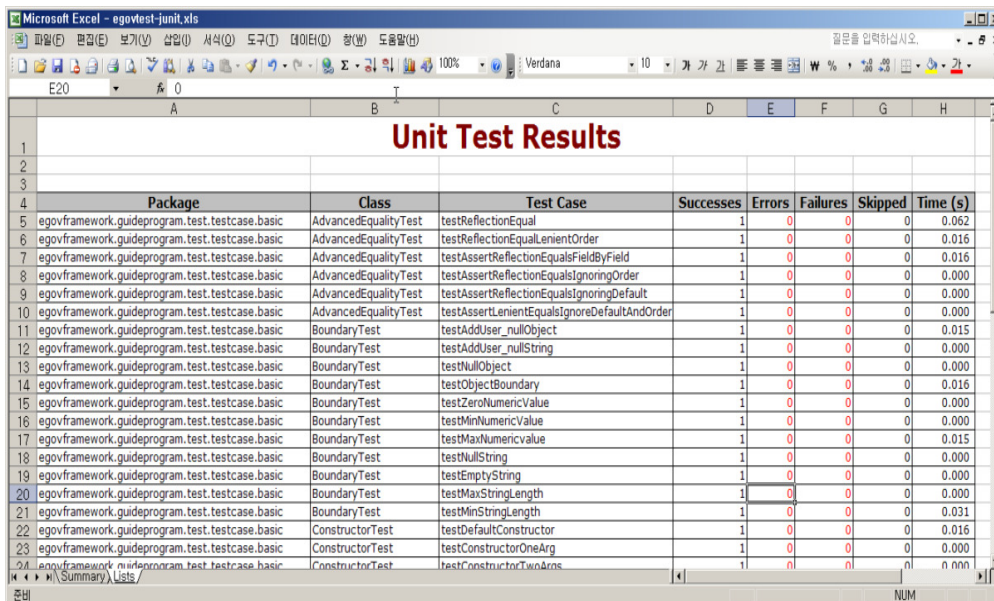
The following is the details of the Excel report created after testing.

Item	Description
Tests	Total number of TestCases
Errors	Total number of TestCases with errors
Failures	Total number of failed TestCases
Skipped	Total number of estCases not tested (TestCase with @Ignore)
Success Rate	Total percentage of successful TestCases
Time	Seconds spent to execute TestCase

- Using default setting
 - Summary screen



- TestCase Lists screen



- Using customized template

○ Summary screen

	A	B	C	D	E	F	G	H
1	JUnit Test 결과 보고서							
2								
3								
4		+						
5		Summary						
6		이름	테스트 수	에러 수	실패 수	Skipped	성공률	시간 (초)
7		all classes	44	6	0	4	77.27%	36.172
8								
9								
10		Package						
11		이름	테스트 수	에러 수	실패 수	Skipped	성공률	시간 (초)
12		egovframework.dev.samples.guestbook.category.service	6	6	0	0	0.00%	2.984
13		egovframework.dev.samples.junit4	6	0	0	2	66.67%	0.156
14		egovframework.dev.samples.guestbook.service.impl	5	0	0	0	100.00%	3.313
15		egovframework.dev.samples.guestbook.service.impl.jdbc	18	0	0	2	88.89%	16.859
16		egovframework.dev.samples.guestbook.service.impl.hibernate	9	0	0	0	100.00%	12.860
17								
Summary / Lists /								

○ TestCase Lists screen

	A	B	C	D	E	F	G	H	
1	Test Case 목록								
2									
3									
4									
5		Package	Class	Test Case	성공	에러	실패	Skipped	시간 (초)
6		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testSelectCount	0	1	0	0	1.453
7		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testSelectList	0	1	0	0	0.063
8		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testInsert	0	1	0	0	0.094
9		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testInsertDupException	0	1	0	0	0.203
10		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testSelect	0	1	0	0	0.094
11		egovframework.dev.samples.guestbook.category.service	EgovTxServiceImplTest	testDelete	0	1	0	0	0.140
12		egovframework.dev.samples.guestbook.service.impl	EgovServiceImplTest	testSelectCount	1	0	0	0	1.281
13		egovframework.dev.samples.guestbook.service.impl	EgovServiceImplTest	testSelectList	1	0	0	0	0.656
14		egovframework.dev.samples.guestbook.service.impl	EgovServiceImplTest	testInsert	1	0	0	0	0.047
15		egovframework.dev.samples.guestbook.service.impl	EgovServiceImplTest	testDelete	1	0	0	0	0.031
16		egovframework.dev.samples.guestbook.service.impl	EgovServiceImplTest	testSelectCountZero	1	0	0	0	0.016
17		egovframework.dev.samples.guestbook.service.impl.hibernate	EgovHibernateDaoTest	testSelectCount	1	0	0	0	10.234
18		egovframework.dev.samples.guestbook.service.impl.hibernate	EgovHibernateDaoTest	testSelectList	1	0	0	0	0.609
19		egovframework.dev.samples.guestbook.service.impl.hibernate	EgovHibernateDaoTest	testInsert	1	0	0	0	0.187
20		egovframework.dev.samples.guestbook.service.impl.hibernate	EgovHibernateDaoTest	testInsertDupException	1	0	0	0	0.360
Summary / Lists /									