

Report statistics

Summary

Report statistics provides the statistics data for various report status with the fashion suitable to the specific condition.

Description

Report statistics provides the statistics data for each period, type, and progressing state for the generated report.

- ① Report status list inquiry: Inquire the registered report information with the order of latest registration, and reflect the resultant list to the screen.
- ② Report status detailed inquiry: When a specific report is selected after inquiring the report list, detailed status of the corresponding report is inquired.
- ③ Report status statistics registration: Statistics information for the registered report is generated.

Package Dependency

Report statistics package has direct functional dependency for the common (cmm) package and format/date/calculation (fcc) package. However, in order to be executed without error during the component distribution, the distribution file is constituted with the calendar package in accordance with the dependency between packages.

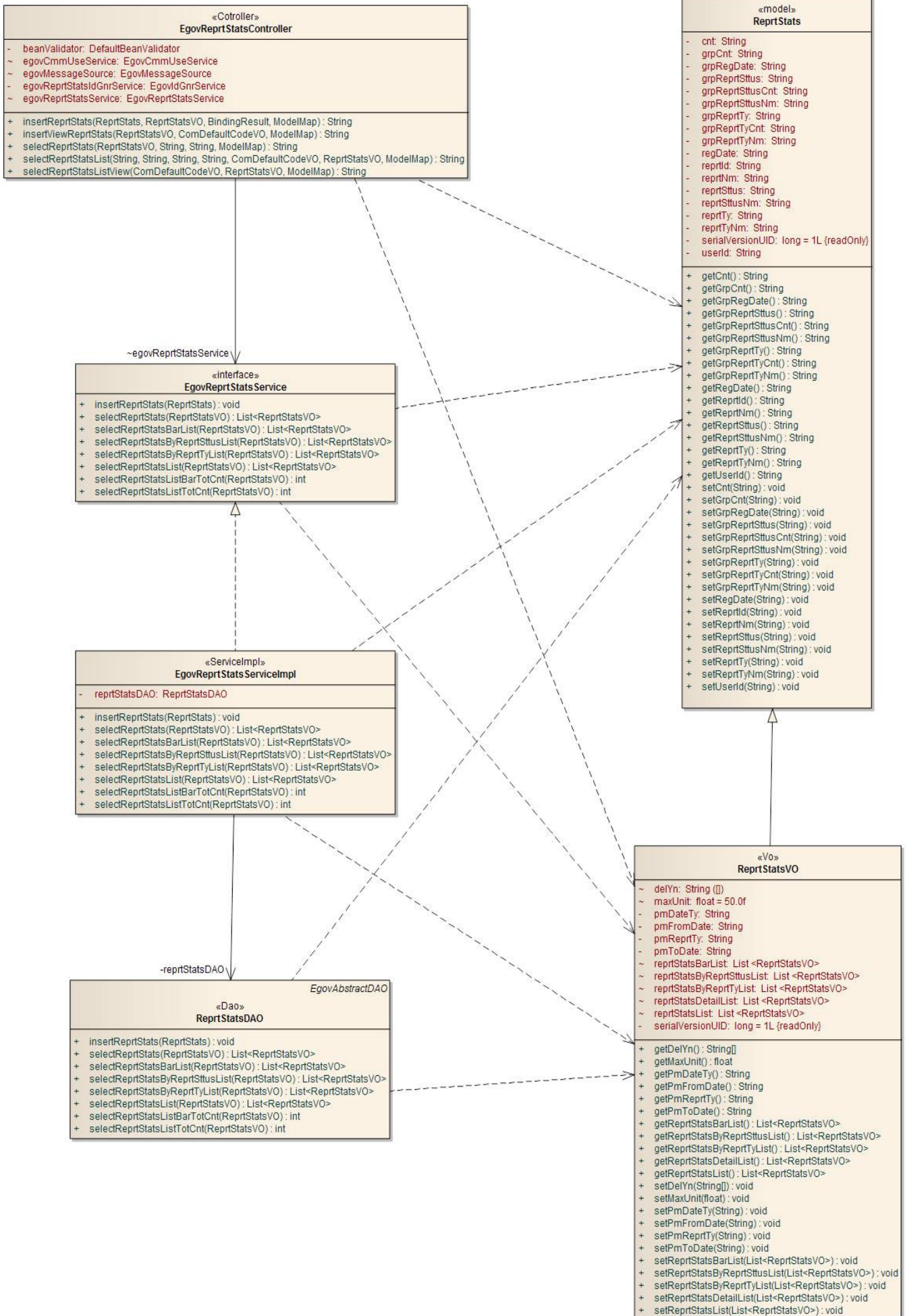
Dependency between packages: [Statistics/reporting Package Dependency](#)

Related Sources

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sts.rst.web.EgovReprtStatsController.java	Controller class for report statistics
Service	egovframework.com.sts.rst.service.EgovReprtStatsService.java	Service interface for report statistics
ServiceImpl	egovframework.com.sts.rst.service.impl.EgovReprtStatsServiceImpl.java	Service implementation class for report statistics
Model	egovframework.com.sts.rst.service.ReprtStats.java	Model class for report statistics
VO	egovframework.com.sts.rst.service.ReprtStatsVO.java	VO class for report statistics
DAO	egovframework.com.sts.rst.service.impl.ReprtStatsDAO.java	Data processing class for report statistics
JSP	/WEB-INF/jsp/egovframework/com/sts/rst/EgovReprtStatsList.jsp	JSP page for report statistics list inquiry

JSP	/WEB-INF/jsp/egovframework/com/sts/rst/EgovReprtStatsDetail.jsp	jsp page for report statistics detailed inquiry
JSP	/WEB-INF/jsp/egovframework/com/sts/rst/EgovReprtStatsRegis.jsp	jsp page for report statistics registration
Query XML	resources/egovframework/sqlmap/com/sts/rst/EgovReprtStats_SQL_Mysql.xml	Query XML for MySQL for report statistics
Query XML	resources/egovframework/sqlmap/com/sts/rst/EgovReprtStats_SQL_Oracle.xml	Query XML for Oracle for report statistics
Query XML	resources/egovframework/sqlmap/com/sts/rst/EgovReprtStats_SQL_Tibero.xml	Query XML for Tibero for report statistics
Query XML	resources/egovframework/sqlmap/com/sts/rst/EgovReprtStats_SQL_Altibase.xml	Query XML for Altibase for report statistics
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	Validator Rule defined XML
Validator XML	resources/egovframework/validator/com/sts/rst/EgovReprtStats.xml	Validator XML for report statistics
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for report statistics
Idgen XML	resources/egovframework/spring/com/context-idgen.xml	Report statistics Id generation Idgen XML

Class Diagram



ID Generation

ID Generation related DDL & DML

- In order to utilize ID Generation Service, **RS_ID** item is added to COMTECOPSEQ which is the Sequence storage table.

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,  
                           next_id DECIMAL(30) NOT NULL,  
                           PRIMARY KEY (table_name));
```

```
INSERT INTO COMTECOPSEQ VALUES('RS_ID','0');
```

ID Generation Configuration (context-idgen.xml)

```
<bean name="egovReprtStatsIdGnrService"  
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"  
      destroy-method="destroy">  
  <property name="dataSource" ref="egov.dataSource" />  
  <property name="strategy" ref="reprtStatsIdStrategy" />  
  <property name="blockSize" value="1"/>  
  <property name="table" value="COMTECOPSEQ"/>  
  <property name="tableName" value="RS_ID"/>  
</bean>  
  
<bean name="reprtStatsIdStrategy"  
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">  
  <property name="prefix" value="RS_" />  
  <property name="cipers" value="3" />  
  <property name="fillChar" value="0" />  
</bean>
```

Related Table

Name of table	Name of table (English)	Remarks
Report statistics	COMTNREPRSTATS	Define the attribute for providing the statistics data for various report status with the fashion suitable to the specific condition.

Related functions

Report statistics function is largely classified into the functions of **report statistics list inquiry**, **report statistics detailed information**, and **report registration**.

Report statistics list Inquiry

Business rule

Report statistics list is inquired with the unit of 5 cases per page, and paging is realized with the unit of 10 pages. Search condition is performed for the type, period classification, and period.

Related code

N/A

Screen and execution manual

Action	URL	Controller	QueryID
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		method	
Inquiry	/sts/rst/selectReprtStatsList.do	selectReprtStatsList	"reprtStatsDAO.selectReprtStatsList",
			"reprtStatsDAO.selectReprtStatsListTotCnt"

▶ **보고서통계** 유형 : 기간구분 : 기간 : ~

보고서유형	진행상태	건수
휴가계획서	작성	5
휴가계획서	반려	1
출장보고서	작성	1
출장보고서	반려	2
교육보고서	작성	1

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▶ **기간별 통계 결과**

2009-10-13 ■ 1 개
 2009-10-09 ■ 1 개
 2009-10-07 ■ 2 개
 2009-10-06 ■ 1 개
 2009-10-01 ■ 1 개
 2009-09-25 ■ 1 개
 2009-09-22 ■■■■■■ 8 개

▶ **보고서유형별 통계 결과**

지원요청서 ■ 2 개
 출장보고서 ■ 3 개
 판품요청서 ■ 2 개

Inquiry: Already generated report statistics list is inquired.

Register: In order to register new report statistics, move to the **report registration** screen by selecting the registration button.

Report statistics detailed information

Business rule

The report information corresponded to the report statistics information is inquired.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sts/rst/getReprtStats.do	selectReprtStats	"reprtStatsDAO.selectReprtStats"

☞ 보고서통계상세정보

목록

보고서ID	보고서명	보고서유형	진행상태	등록일시
RS_027	test	지원요청서	결재완료	2009-10-13 11:44:19.0

List: It is moved to the report statistics list inquiry screen.

Report registration

Business rule

Conduct the saving after inputting the report statistics attribute information.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/sts/rst/addReprtStats.do	insertReprtStats	"reprtStatsDAO.insertReprtStats"

☞ 보고서 등록

보고서ID *	<input type="text"/>
보고서명 *	<input type="text"/>
보고서유형 *	휴가계획서 ▼
진행상태 *	작성 ▼
등록일시	<input type="text"/>

저장

목록

Register: After inputting the report statistics attribute, register the report statistics information through the **registration button** at the top.

List: It is moved to the report statistics list inquiry screen.