

Data using status statistics

Summary

Data using status statistics provides the statistics data for various board download status with the fashion suitable to the specific condition.

Description

Data using status statistics provides the statistics data for each board, period classification, and period for the attachment file downloaded from various boards.

① Data using status list inquiry: Inquire the registered data using status information with the order of latest registration, and reflect the resultant list to the screen.

② Data using status detailed inquiry: When a specific list is selected after inquiring the data using status list, detailed status is inquired.

③ Data using status registration: When the data registered at the board is downloaded, data using status is generated.

Package Dependency

Data using status statistics package has direct functional dependency for the common (cmm) package and format/ calculation /conversion (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.

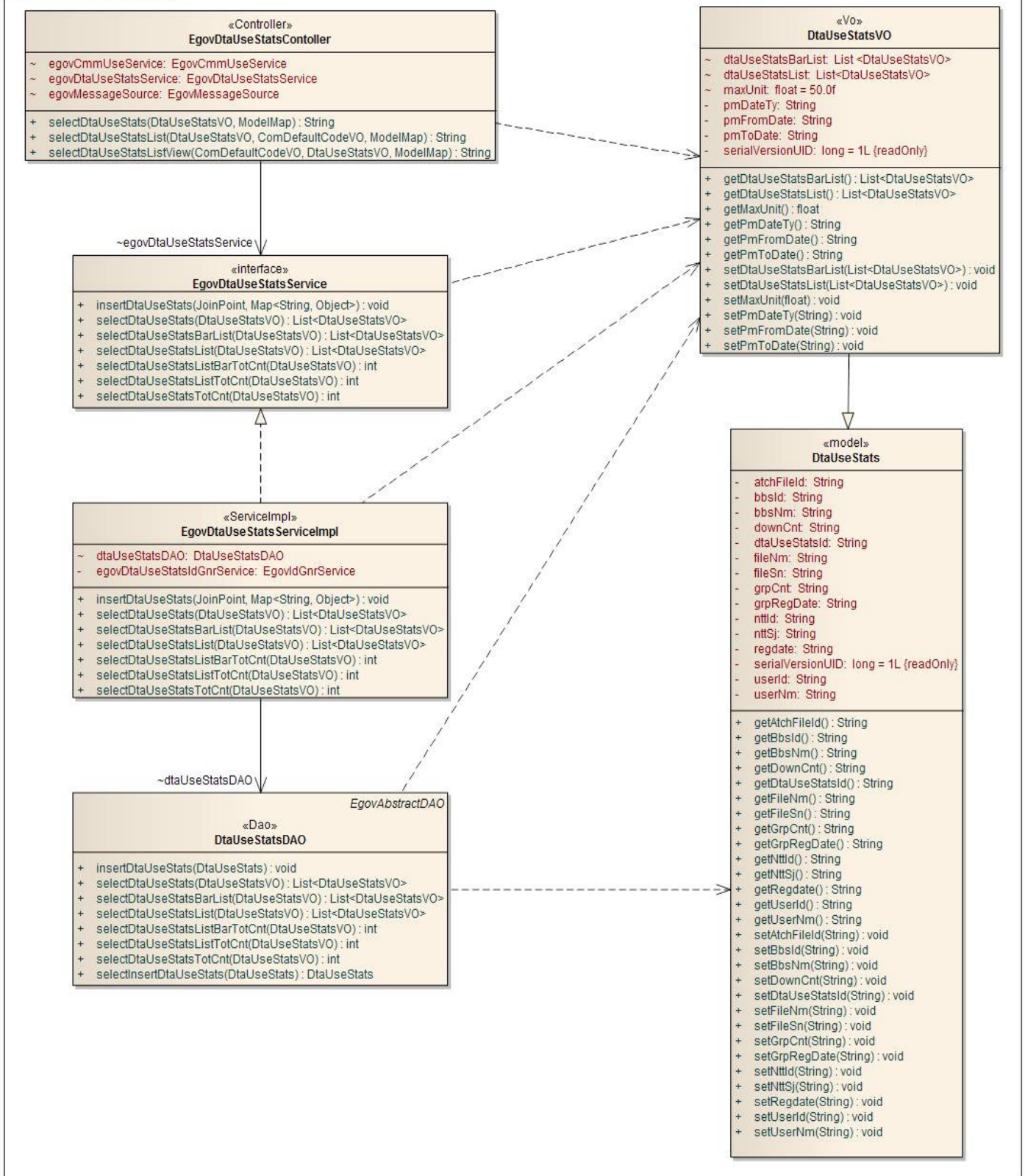
- Dependency between packages: [Statistics/reporting Package Dependency](#)

Related Sources

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sts.dst.web.EgovDtaUseStatsContoller.java	Controller class for data using status statistics
Service	egovframework.com.sts.dst.service.EgovDtaUseStatsService.java	Service interface for data using status statistics
ServiceImpl	egovframework.com.sts.dst.service.impl.EgovDtaUseStatsServiceImpl.java	Service implementation class for data using status statistics
Model	egovframework.com.sts.dst.service.DtaUseStats.java	Model class for data using status statistics
VO	egovframework.com.sts.dst.service.DtaUseStatsVO.java	VO class for data using status statistics
DAO	egovframework.com.sts.dst.service.impl.DtaUseStatsDAO.java	Data processing class for data using status

		statistics
JSP	/WEB-INF/jsp/egovframework/com/sts/dst/EgovDtaUseStatsList.jsp	jsp page for data using status statistics list inquiry
JSP	/WEB-INF/jsp/egovframework/com/sts/dst/EgovDtaUseStatsDetail.jsp	jsp page for data using status statistics detailed inquiry
Query XML	resources/egovframework/sqlmap/com/sts/dst/EgovDtaUseStats_SQL_Mysql.xml	Query XML for MySQL for data using status statistics
Query XML	resources/egovframework/sqlmap/com/sts/dst/EgovDtaUseStats_SQL_Oracle.xml	Query XML for Oracle for data using status statistics
Query XML	resources/egovframework/sqlmap/com/sts/dst/EgovDtaUseStats_SQL_Tibero.xml	Query XML for Tibero for data using status statistics
Query XML	resources/egovframework/sqlmap/com/sts/dst/EgovDtaUseStats_SQL_Altibase.xml	Query XML for Altibase for data using status statistics
XML	/WEB-INF/config/egovframework/springmvc/egov-com-stsaop.xml	AOP Config XML for registering data using status statistics information
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for data using status statistics
Idgen XML	resources/egovframework/spring/com/context-idgen.xml	Data using status statistics Id generation Idgen XML

Class Diagram



ID Generation

ID Generation related DDL & DML

- In order to utilize ID Generation Service, **DUS_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('DUS_ID','0');
```

ID Generation Environment setup (context-idgen.xml)

```
<bean name="egovDtaUseStatsIdGnrService"
  class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
  destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="dtaUseStatsIdStrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="DUS_ID"/>
</bean>

<bean name="dtaUseStatsIdStrategy"
  class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="DUS_" />
  <property name="cipers" value="16" />
  <property name="fillChar" value="0" />
</bean>
```

Related Table

Name of table	Name of table (English)	Remarks
Data using status statistics	COMTNDTAUSESTATS	Define the attribute for providing the statistics data for various board download status with the fashion suitable to the specific condition.

Related functions

Data using status statistics is largely classified into the functions of **data using status statistics list inquiry**, **data using status statistics detailed information**, and **data using status statistics registration**.

Data using status statistics list Inquiry

Business rule

Data using status 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 name of board, period classification, and period.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Subject list inquiry	/sts/dst/selectDtaUseStatsList.do	selectDtaUseStatsList	"dtaUseStatsDAO.selectDtaUseStatsList",
			"dtaUseStatsDAO.selectDtaUseStatsListTotCnt"
Total count inquiry	/sts/dst/selectDtaUseStatsList.do	selectDtaUseStatsList	"dtaUseStatsDAO.selectDtaUseStatsListBarTotCnt"

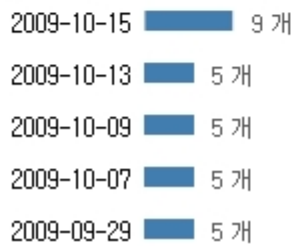
Graph inquiry	/sts/dst/selectDtaUseStatsList.do	selectDtaUseStatsList	"dtaUseStatsDAO.selectDtaUseStatsBarList"
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자료이용현황통계 게시판명 : 기간구분 : **일별** 기간 : 2009-09-22 ~ 2009-10-22

게시판명	글번호	글제목	첨부파일명	다운횟수
우하하	203	te	2010 모하비 1.jpg	1
우하하	203	te	2010 모하비 1.jpg	2
우하하	202	te	2010 모하비 1.jpg	1
자료생성게시판	201	자료이용현황 데이터 테스트 게시	다음이미지.gif	8
자료생성게시판	198	다운로드 하기위한 테스트	네이버.gif	4

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기간별 통계 결과



Inquiry: Already generated data using status statistics list is inquired.

Data using status statistics detailed information

Business rule

The report information corresponded to the data using status statistics information is inquired.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sts/dst/getDtaUseStats.do	selectDtaUseStats	"dtaUseStatsDAO.selectDtaUseStats"

자료이용현황통계 상세정보

글제목	첨부파일명	사용자ID	사용자명	다운로드일시
감리-감리테스트1023게시판에 글게시	감리첨부물테스트3.txt	TEST2	TEST2	2009-10-23 17:13:11.0

List: It is moved to the data using status statistics list inquiry screen.

Registration of the data using status statistics

Business rule

Data using status statistics is registered by intercepting the method information which is executed when the attachment file of board is downloaded and by combining the corresponded information.

Related code

N/A

Screen and execution manual

Action	URL	Service method	QueryID
Registration event	execution(public * egovframework.com.cmm.web.EgovFileDownloadController.cvp FileDownload(..)) and args(commandMap, ..)	insertDtaUse Stats	"dtaUseStatsDAO.insertDtaU seStats"

```
<!-- Data generation of data using status statistics -->
<aop:config>
  <aop:aspect id="dtaUseStatsManageAspect" ref="egovDtaUseStatsService">
    <aop:after
      method="insertDtaUseStats"
      pointcut="execution(public *
egovframework.com.cmm.web.EgovFileDownloadController.cvp|FileDownload(..)) and
args(commandMap, ..)"
    />
  </aop:aspect>
</aop:config>
```