

Screen statistics

Summary

Screen statistics function provides the statistics data for various screen status with 2 methods of graph and text for each period (per daily, monthly and yearly) in accordance with the menu which is currently being served.

- Flow of functions

Name of function	Flow of function
Summation of web log statistics	Performance of web log information summarized arrangement → Summation of web log summarized information
Search of screen statistics	Input of search condition → Screen statistics search for each condition

Description

This is the function of inquiring the information of screen statistical figure in accordance with specific search condition.

Package Dependency

Screen statistics package has direct functional dependency for the reporting common (sts.com) package and menu management package. However, in order to be executed without error during the component distribution, the distribution file is constituted with the common (cmm) program management, format/date/calculation, system, mail connection interface, web editor, menu generation management, and calendar package in accordance with the dependency between packages.

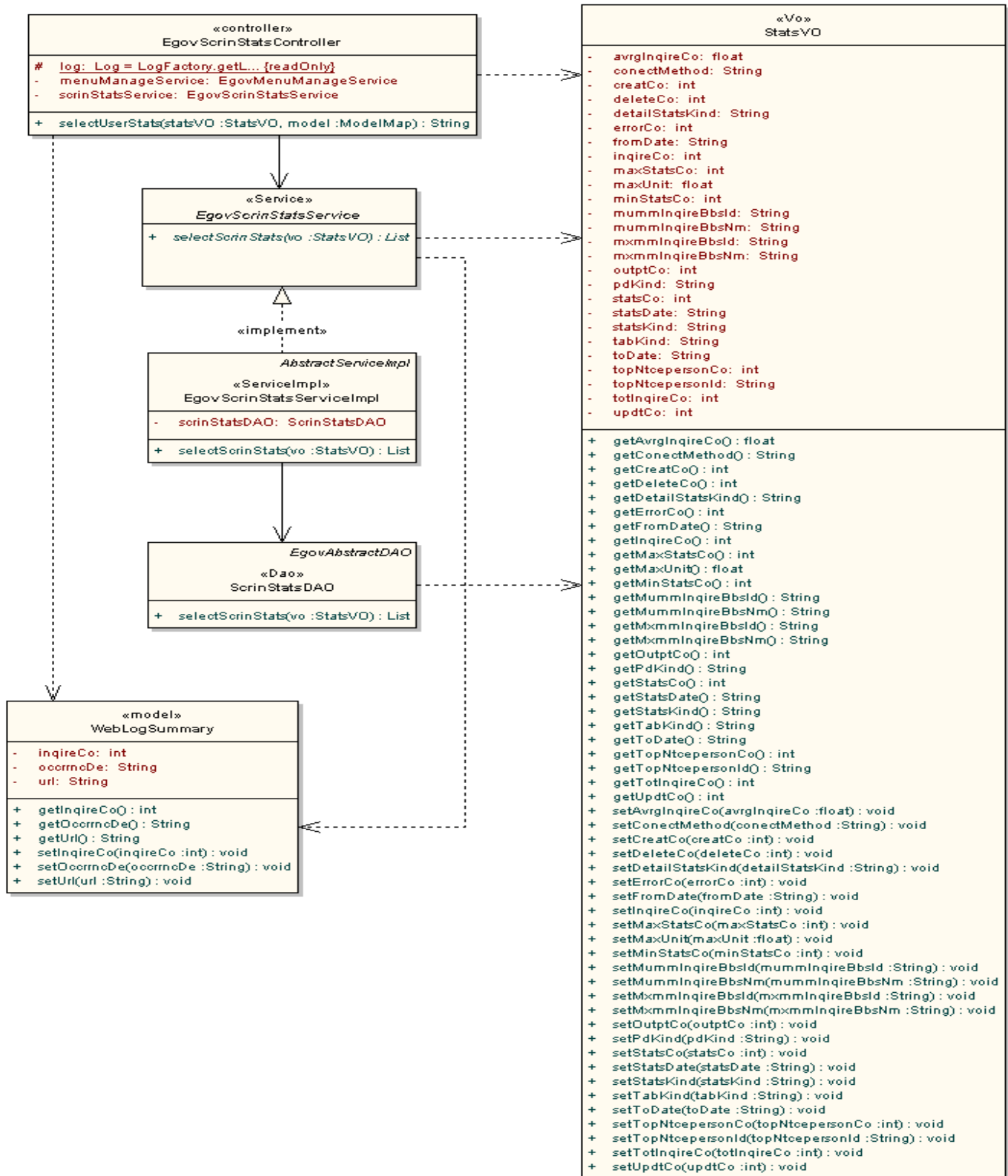
- Dependency between packages: [Statistics/reporting Package Dependency](#)

Related Sources

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sts.sst.web.EgovScrinStatsController.java	Controller class for screen statistics
Service	egovframework.com.sts.sst.service.EgovScrinStatsService.java	Service interface for screen statistics
ServiceImpl	egovframework.com.sts.sst.service.impl.EgovScrinStatsServiceImpl.java	Service implementation class for screen statistics
VO	egovframework.com.sts.sst.service.StatsVO.java	VO class for statistics
DAO	egovframework.com.sts.sst.service.impl.ScrinStatsDAO.java	Data processing class for screen statistics
Model	egovframework.com.sts.sst.service.WebLogSummary.java	Model class for screen statistics

Schduling	egovframework.com.sym.log.lgm.service.EgovLogManageScheduling.java	Schedule class for system log summation
JSP	WEB_INF/jsp/egovframework/com/sts/sst/EgovScrinStats.jsp	Page for screen statistics
Query XML	resources/egovframework/sqlmap/com/sts/sst/EgovScrinStats_SQL_Mysql.xml	Query XML for MySQL for screen statistics
Query XML	resources/egovframework/sqlmap/com/sts/sst/EgovScrinStats_SQL_Oracle.xml	Query XML for Oracle for screen statistics
Query XML	resources/egovframework/sqlmap/com/sts/sst/EgovScrinStats_SQL_Tibero.xml	Query XML for Tibero for screen statistics
Query XML	resources/egovframework/sqlmap/com/sts/sst/EgovScrinStats_SQL_Altibase.xml	Query XML for Altibase for screen statistics

Class Diagram



Related Table

Name of table	Name of table (English)	Remarks
Summary of web log	COMTSWEBLOGSUMMARY	Manage the web log summary information.

Environment setup

The work of inquiring and summarizing all of the web log information once in a day shall be configured with the form of arrangement.

This function is configured by utilizing the [scheduling](#) function of eGovFrame execution environment.

- Generation of work class
(src/main/java/egovframework/com/sym/log/wlg/service/EgovWebLogScheduling.java)

```
@Service("egovWebLogScheduling")
public class EgovWebLogScheduling {

    @Resource(name="EgovWebLogService")
    private EgovWebLogService webLogService;

    /**
     * Summarize web log information.
     * Summarize and input the log of the previous day, and delete the log of one week ago.
     *
     * @param
     * @return
     * @throws Exception
     */
    public void webLogSummary() throws Exception {
        webLogService.logInsertWebLogSummary();
    }

}}
```

- Setup of work performance bean (src/main/resources/egovframework/spring/com/context-scheduling-sym-log-wlg.xml)

```
<bean id="webLogging"
class="org.springframework.scheduling.quartz.MethodInvokingJobDetailFactoryBean">
    <property name="targetObject" ref="egovWebLogScheduling" />
    <property name="targetMethod" value="webLogSummary" />
    <property name="concurrent" value="false" />
</bean>
```

- Setup of trigger bean (src/main/resources/egovframework/spring/com/context-scheduling-sym-log-wlg.xml)

```
<bean id="webLogTrigger" class="org.springframework.scheduling.quartz.SimpleTriggerBean">
    <property name="jobDetail" ref="webLogging" />
    <property name="startDelay" value="60000" />
    <property name="repeatInterval" value="3600000" />
</bean>
```

- Setup of scheduler bean (src/main/resources/egovframework/spring/com/context-scheduling-sym-log-wlg.xml)

```
<bean id="logSummaryScheduler"
class="org.springframework.scheduling.quartz.SchedulerFactoryBean">
    <property name="triggers">
        <list>
            <ref bean="webLogTrigger" />
        </list>
    </property>
</bean>
```

Related functions

Screen statistics

Business rule

Screen statistics data for each menu is inquired through the web log summary information which is summed up with daily basis.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Screen statistics search	/sts/sst/selectScrinStats.do	selectUserStats	"ScrinStatsDAO.selectScrinStats"

🔍 화면 통계 검색

기간: 20090401 ~ 20090428 기간구분: 월별 초기화

🔍 화면 통계 결과

(단위, 횟수)



🔍 공통서비스 메뉴

- 메뉴목록
 - 보안관리
 - 사용자지원
 - 사용자인증
 - 시스템관리
 - 협업
 - 통계/리포팅
 - 게시물통계
 - 사용자통계
 - 화면통계
 - 접속통계
 - 전자우편연계

Period: Input the start-end period for which statistics search will be performed.

Classification of period: Select the form of statistics for each period of year, month, and day.

Selection of menu: Select the menu with which the number of times will be inquired.

Initialization: Initialize the search condition.

References

- Refer to the execution environment: [scheduling](#)

