

User log management

Summary

User log inquiry provides the functions of searching, inquiring the log in which utilization of service of system by the user is described.

Description

User log inquiry accompanies the functions of **registration, inquiry, and list** of user log.

- ① User log registration: Register the user log information. - Using the scheduling function of execution environment
- ② User log inquiry: Inquire detailed contents of user log information.
- ③ User log list: Search, inquire the list of user log information.

Package Dependency

The user log management package has direct functional dependency only to the common package (cmm) of element technology. However, in order to be executed without error during component distribution, the distribution file is constituted with the calendar package in accordance with the dependency between packages.

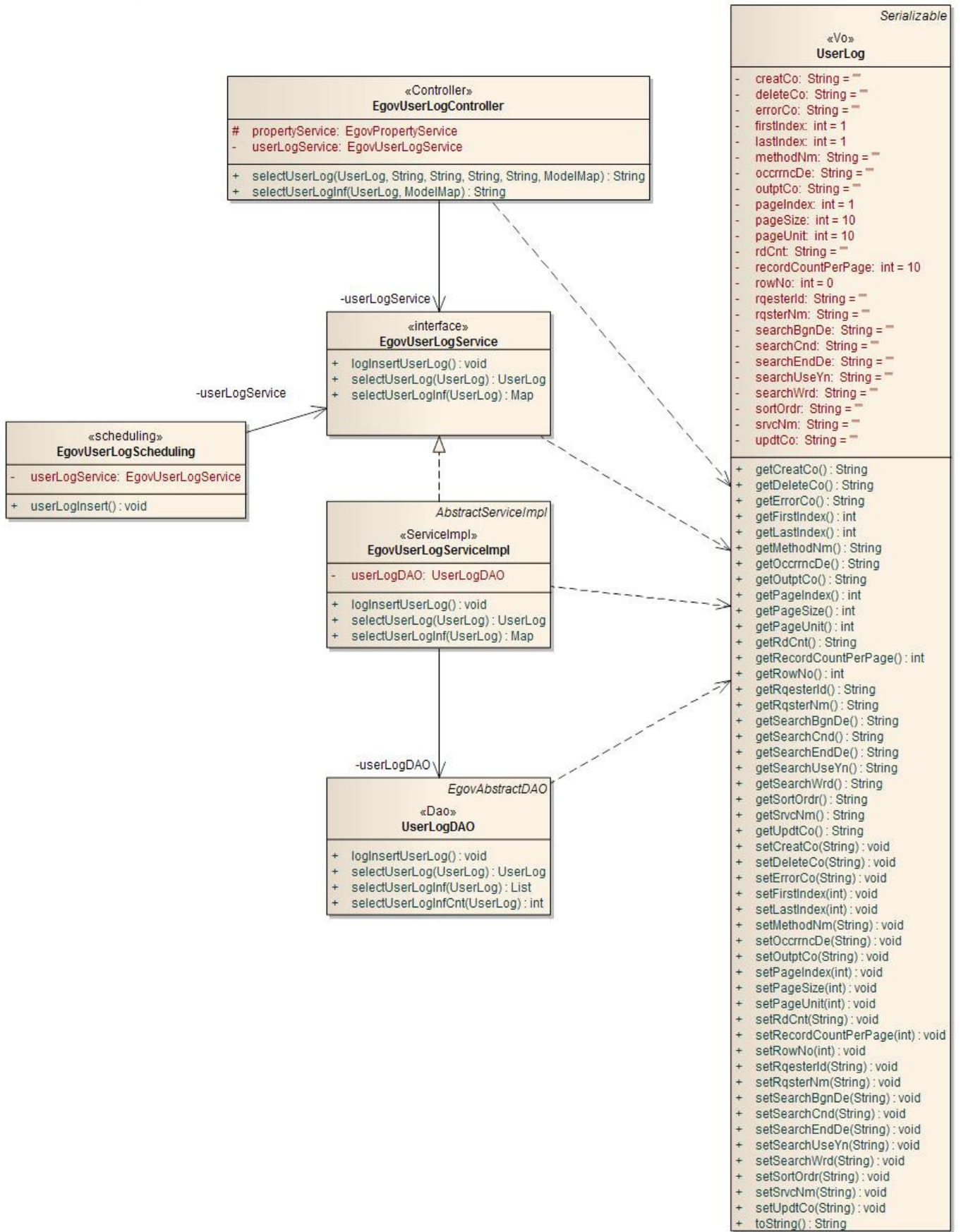
- Dependency between packages: [System Management Package Dependency](#)

Related Source

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sym.log.ulg.web.EgovUserLogController.java	Controller class for user log management
Service	egovframework.com.sym.log.ulg.service.EgovUserLogService.java	Service interface for user log management
ServiceImpl	egovframework.com.sym.log.ulg.service.impl.EgovUserLogServiceImpl.java	Service implementation class for user log management
Model	egovframework.com.sym.log.ulg.service.UserLog.java	Class for user log management
DAO	egovframework.com.sym.log.ulg.service.impl.UserLogDAO.java	Data processing class for user log management
Scheduler	egovframework.com.sym.log.ulg.service.EgovUserLogScheduling.java	Scheduling class for user log deletion, summary
JSP	/WEB-INF/jsp/egovframework/com/sym/log/ulg/EgovUserLogList.jsp	jsp page for user log list
JSP	/WEB-INF/jsp/egovframework/com/sym/log/ulg/EgovUserLogInquire.jsp	jsp page for user log inquiry
QUERY XML	resources/egovframework/sqlmap/com/sym/log/ulg/EgovUserLog_SQL_Mysql.xml	QUERY XML for user log management MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/log/ulg/EgovUserLog_SQL_Oracle.xml	QUERY XML for user log management Oracle
QUERY	resources/egovframework/sqlmap/com/sym/log/ulg/EgovUserLog_SQL_Tibero.xml	QUERY XML for user

XML		log management Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/log/ulg/EgovUserLog_SQL_Altibase.xml	QUERY XML for user log management Altibase

Class Diagram



Related Table

Name of table	Name of table (English)	Remarks
User log	COMTNUSERLOG	User log information is managed.

Scheduling

context-scheduling-sym-log-ulg.xml

(src/main/resources/egovframework/spring/com/context-scheduling-sym-log-ulg.xml)

```

<!-- Create user log -->
<bean id="userLogging"

class="org.springframework.scheduling.quartz.MethodInvokingJobDetailFactoryBean">
    <property name="targetObject" ref="egovLogManageScheduling" />
    <property name="targetMethod" value="userLogInsert" />
    <property name="concurrent" value="false" />
</bean>

<!-- User log creation trigger-->
<bean id="userLogTrigger"
class="org.springframework.scheduling.quartz.SimpleTriggerBean">
    <property name="jobDetail" ref="userLogging" />
    <!-- Execute after 1 minute of the starting. (milisecond) -->
    <property name="startDelay" value="60000" />
    <!-- Execute every 1 hour. (milisecond) -->
    <property name="repeatInterval" value="3600000" />
</bean>

<!-- Scheduler registration-->
<bean id="logSummaryScheduler"
class="org.springframework.scheduling.quartz.SchedulerFactoryBean">
    <property name="triggers">
        <list>
            <ref bean="sysLogTrigger" />
            <ref bean="webLogTrigger" />
            <ref bean="trsmrcvLogTrigger" />
            <ref bean="userLogTrigger" />
        </list>
    </property>
</bean>

```

Set up the [Scheduling](#) to implement the user log registration function.

- Create EgovUserLogScheduling class to implement the user log registration function.

```

@Service("egovUserLogScheduling")
public class EgovUserLogScheduling {

    @Resource(name="EgovUserLogService")
    private EgovUserLogService userLogService;

    /**
     * Create the user log information.
     *
     * @param
     * @return
     * @throws Exception
     */
    public void userLogInsert() throws Exception {
        userLogService.logInsertUserLog();
    }
}

```

}

Related functions

User log management is divided into the **user log list inquiry**, **detailed user log inquiry** functions.

User log list inquiry

Business Rule

User log list is inquired with the unit of 10 cases per page, and paging is realized with the unit of 10 pages. Search condition is performed for the generation date and user.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List inquiry	/sym/log/ulg/SelectUserLogList.do	selectUserLogInf	"UserLogDAO.selectUserLogInf",
			"UserLogDAO.selectUserLogInfCnt"

🔍 사용자 로그조회
발생일자 ~
사용자
조회

번호	발생일자	사용자	메소드명	생성	수정	조회	삭제	상세보기
1	20090427	업무담당자	selectCmmCodeDetail	0	0	5	0	
2	20090427	업무담당자	selectGroupIdDetail	0	0	1	0	
3	20090427	업무담당자	selectCmmntyListPortlet	0	0	2	0	
4	20090427	업무담당자	selectZipDetail	0	0	3	0	
5	20090427	업무담당자	selectZipList	0	0	5	0	
6	20090427	업무담당자	selectZipListTotCnt	0	0	5	0	
7	20090427	업무담당자	selectSysHistoryList	0	0	3	0	
8	20090427	업무담당자	selectLastMenuURL	0	0	4	0	
9	20090427	업무담당자	selectMainMenuHead	0	0	4	0	
10	20090427	업무담당자	selectMainMenuLeft	0	0	4	0	

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In order to perform detailed user log inquiry function, click the **Detail view** button.

Detailed User Log Inquiry

Business Rule

Detailed User Log Inquiry is comprised of pop-up windows, and when **Close** button is clicked, the window is closed.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sym/log/ulg/InquireUserLog.do	selectUserLog	"UserLogDAO.selectUserLog"

⊙ 사용자 로그 정보

발생일자	20090427
사용자	업무담당자
서비스명	egovframework.com.cmm.service.impl.EgovCmmUseServiceImpl
메소드명	selectCmmCodeDetail
생성	0
수정	0
조회	5
삭제	0

닫기

References

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