

Personal Information Inquiry Log Management

Outline

Personal Information Inquiry Log Management provides a function that searches for logs of the user's inquiry of personal information.

Description

Personal Information Inquiry Log Management enables **registration, inquiry, and listing** of personal information inquiry log.

- ① Registration of Personal Information Inquiry Log: Registers personal information inquiry information. - Uses AOP function
 - ② List of personal information inquiry logs : searches and displays a list of personal information inquiries
 - ③ View personal information inquiry log : displays detailed information of personal information inquiries
- Package Reference Relationship

Personal Information Inquiry Log Management package has a direct functional reference relationship only with core technology's common(cmm) packages. However, for the propagation of components to run without error, calendar package and propagation files are structured together according to the reference relationship between packages.

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

Sources

| Type | Title | Remark |
|-------------|---|--|
| Controller | egovframework.com.sym.log.plg.web.EgovPrivacyLogController.java | Controller class for personal information inquiry log management |
| Service | egovframework.com.sym.log.plg.service.EgovPrivacyLogService.java | Service interface for personal information inquiry log management |
| ServiceImpl | egovframework.com.sym.log.plg.service.impl.EgovPrivacyLogServiceImpl.java | Service implementation class for personal information inquiry log management |
| Model | egovframework.com.sym.log.plg.service.PrivacyLog.java | VO Class for personal information inquiry log management |
| DAO | egovframework.com.sym.log.plg.service.impl.PrivacyLogDAO.java | Data processing class for personal information inquiry log management |

| | | |
|-----------|--|--|
| Aspect | egovframework.com.sym.log.plg.service.EgovPrivacyLogAspect.java | Aspect class for personal information inquiry log management |
| Config | egovframework.com.sym.log.plg.service.EgovPrivacyLogConfig.java | JavaConfig(including ID generation configuration) related to personal information inquiry log management |
| JSP | /WEB-INF/jsp/egovframework/com/sym/log/plg/EgovPrivacyLogList.jsp | jsp page for personal information inquiry log list |
| JSP | /WEB-INF/jsp/egovframework/com/sym/log/plg/EgovPrivacyLogInquire.jsp | jsp page for personal information inquiry log view |
| QUERY XML | resources/egovframework/sqlmap/com/sym/log/plg/EgovPrivacyLog_SQL_Mysql.xml | QUERY XML for personal information inquiry log management MySQL |
| QUERY XML | resources/egovframework/sqlmap/com/sym/log/plg/EgovPrivacyLog_SQL_Oracle.xml | QUERY XML for personal information inquiry log management Oracle |
| QUERY XML | resources/egovframework/sqlmap/com/sym/log/plg/EgovPrivacyLog_SQL_Tibero.xml | QUERY XML for personal information inquiry log management Tibero |
| QUERY XML | resources/egovframework/sqlmap/com/sym/log/plg/EgovPrivacyLog_SQL_Altibase.xml | QUERY XML for personal information inquiry log management Altibase |
| QUERY XML | resources/egovframework/sqlmap/com/sym/log/plg/EgovPrivacyLog_SQL_Cubrid.xml | QUERY XML for personal information inquiry log management Cubrid |

ID Generation

DDL and DML for ID Generation

- To make use of ID Generation Service, add **PRIVACYLOG_ID** to COMTECOPSEQ, which is a sequence save table.

```
CREATETABLE COMTECOPSEQ (table_namevarchar(16)NOTNULL,
next_id DECIMAL(30)NOTNULL,
PRIMARYKEY(table_name));
```

```
INSERTINTO COMTECOPSEQ VALUES('PRIVACYLOG_ID','0');
```

ID Generation Configuration(EgovPrivacyConfig.java)

The following configurations are applied(modified) to EgovPrivacyConfig through JavaConfig method.

@Configuration

```
publicclassEgovPrivacyConfig{
```

```
    @Resource(name ="egov.dataSource")
    DataSourcedataSource;
```

```
    @Bean(destroyMethod="destroy")
    publicEgovIdGnrServiceegovPrivacyLogIdGnrService(){
```

```
        EgovIdGnrStrategyImpl strategy =newEgovIdGnrStrategyImpl();
```

```

        strategy.setPrefix("PRVCY_");
        strategy.setCipers(14);
        strategy.setFillChar('0');

        EgovTableIdGnrServiceImplidGnrService=newEgovTableIdGnrServiceImpl();
        idGnrService.setDataSource(dataSource);
        idGnrService.setStrategy(strategy);
        idGnrService.setBlockSize(10);
        idGnrService.setTable("COMTECOPSEQ");
        idGnrService.setTableName("PRIVACYLOG_ID");

        returnidGnrService;
    }
}
ID Generation Configuration(context-idgen.xml)

```

Previous method of using ID generation based on XML can be used as well.

```

<beanname="egovPrivacyLogIdGnrService"
class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
destroy-method="destroy">
<propertyname="dataSource"ref="dataSource"/>
<propertyname="strategy"ref="privacyLogStrategy"/>
<propertyname="blockSize" value="1"/>
<propertyname="table" value="COMTECOPSEQ"/>
<propertyname="tableName" value="PRIVACYLOG_ID"/>
</bean>

<beanname="privacyLogStrategy"
class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
<propertyname="prefix" value="PRVCY_"/>
<propertyname="cipers" value="14"/>
<propertyname="fillChar" value="0"/>
</bean>

```

Related Tables

| Title | Table | Remark |
|----------------------------------|-----------------|--|
| Personal Information Inquiry Log | COMTNPRIVACYLOG | Manages personal information inquiry information |

AOP

context-privacylogaop.xml

```

<!-- Privacy Log Aspect -->
<beanid="privacyLog" class="egovframework.com.sym.log.plg.service.EgovPrivacyLogAspect">
    <propertyname="maxListCount" value="1"/>
    <propertyname="target">
        <map>
            <entrykey="mberNm" value="member name"/>
            <entrykey="moblphonNo" value="mobile"/>
            <entrykey="emailAdres" value="email"/>
            <entrykey="email" value="email"/>
        </map>
    </property>
</bean>

```

```

                <entrykey="orgnztNm" value="organization"/>
            </map>
        </property>
    </bean>

    <aop:config>
        <aop:aspectid="privacyLogAspect" ref="privacyLog">
            <!-- service Method -->
            <aop:after-returning returning="returnVal"
                pointcut="execution(public *
egovframework.com..impl.*Impl.*(..))
                &&& !
execution(public *
egovframework.com.sym.log.plg.service.impl.EgovPrivacyLogServiceImpl.*(..))
                &&& !
execution(public *
egovframework.com.cmm.service.impl.EgovUserDetailsSessionServiceImpl.*(..))
                &&& !
execution(public *
egovframework.com.sym.log.wlg.service.impl.EgovWebLogServiceImpl.*(..))
                &&& !
execution(public *
egovframework.com.sym.log.lgm.service.impl.EgovSysLogServiceImpl.*(..))"
                method="insertLog"/>
        </aop:aspect>
        <!-- warning : Service (EgovPrivacyLogServiceImpl), internal call
service, log processing must be excluded -->
    </aop:config>

```

Configure [AOP](#) to implement personal information view log registration function.

Related configurations are as follows:

| Property | Meaning | Remark |
|--------------|---|--------|
| maxListCount | Number of records on the list, when viewed in list format | |
| target | Define properties of personal information via Map(key for map and property for VO) and designate korean title that was used during the first recording. | |

There are 4 types: List<Map>, List<VO>, Map, and VO.

For pointcut definition, services that could be excluded from the list are designated. The current 4 service calls mentioned above must be excluded.

Functions

Personal information inquiry log management can be classified into two functions: **Personal information inquiry log list view** and **Personal information inquiry log detailed view**.

Personal information inquiry log list view

Business Logic

10 logs are displayed on a page, and paging is performed in units of 10 Search conditions are performed in respect to inquiry date and output data.

Code

N/A

Related Screen and Implementation Manual

| Action | URL | Controller method | QueryID |
|--------|-----|-------------------|---------|
|--------|-----|-------------------|---------|

View List /sym/log/plg/SelectPrivacyLogList.do selectPrivacyLogList “PrivacyLogDAO.selectPrivacyLogList”,

“PrivacyLogDAO.selectPrivacyLogListCount”

개인정보조회 로그조회 발생일자 ~ 조회정보

| 번호 | 발생일자 | 서비스명 | 조회정보 | 요청자 | 요청자IP | 상세 보기 |
|----|---------------------|---|-----------|------|---------------|-------|
| 1 | 2014-09-16 15:39:01 | egovframework.com.uat.uia.service.impl.EgovLoginServiceImpl.actionLogin | 이메일 | | 0:0:0:0:0:0:1 | |
| 2 | 2014-09-16 10:17:28 | egovframework.com.dam.map.tea.service.impl.EgovMapTeamServiceImpl.selectMapTeamList | 조직명 | 일반회원 | 0:0:0:0:0:0:1 | |
| 3 | 2014-09-16 10:17:16 | egovframework.com.uat.uia.service.impl.EgovLoginServiceImpl.actionLogin | 이메일 | | 0:0:0:0:0:0:1 | |
| 4 | 2014-09-15 17:34:00 | egovframework.com.uss.umt.service.impl.EgovUserManageServiceImpl.selectUserList | 휴대폰번호,이메일 | 일반회원 | 0:0:0:0:0:0:1 | |
| 5 | 2014-09-15 17:33:06 | egovframework.com.uat.uia.service.impl.EgovLoginServiceImpl.actionLogin | 이메일 | | 0:0:0:0:0:0:1 | |
| 6 | 2014-09-15 17:15:32 | egovframework.com.uss.umt.service.impl.EgovUserManageServiceImpl.selectUserList | 휴대폰번호,이메일 | 일반회원 | 0:0:0:0:0:0:1 | |
| 7 | 2014-09-15 17:15:32 | egovframework.com.uss.umt.service.impl.EgovUserManageServiceImpl.selectUserList | 휴대폰번호,이메일 | 일반회원 | 0:0:0:0:0:0:1 | |
| 8 | 2014-09-15 17:15:11 | egovframework.com.uat.uia.service.impl.EgovLoginServiceImpl.actionLogin | 이메일 | | 0:0:0:0:0:0:1 | |
| 9 | 2014-09-15 17:07:19 | egovframework.com.uss.umt.service.impl.EgovUserManageServiceImpl.selectUserList | 휴대폰번호,이메일 | 일반회원 | 0:0:0:0:0:0:1 | |
| 10 | 2014-09-15 17:07:19 | egovframework.com.uss.umt.service.impl.EgovUserManageServiceImpl.selectUserList | 휴대폰번호,이메일 | 일반회원 | 0:0:0:0:0:0:1 | |

Click on the **Detailed View** button to perform the personal information inquiry log detailed view function.

Connection Log Detailed View

Business Logic

The detailed view of personal information inquiry log is displayed as a pop-up window. Click on the **Close** button to close the window.

Code

N/A

Related Screen and Implementation Manual

| Action | URL | Controller method | QueryID |
|--------------------|-----------------------------------|-------------------|----------------------------------|
| In-depth Reference | /sym/log/plg/InquirePrivacyLog.do | selectWebLog | “PrivacyLogDAO.selectPrivacyLog” |



References

- Runtime Environment Reference: [AOP](#)
- Runtime environment reference: [ID Generation](#)