System History Management

Summary

System History Management provides the functions of searching, inquiring various histories which are registered while managing the system.

Description

System History Management accompanies the functions of **registration, inquiry, list, deletion,** and **modification** of the system history.

① System History Registration: Register the system history information.
② System History Inquiry: Inquire detailed contents of system history information.
③ System History List: Search and inquire the list of system history information.
④ System History Deletion: Delete the system history information.
⑤ System History Modification: Update the system history information.

Package Dependency

System History Management has direct functional dependency for the common (cmm) package of element technology and format/calculation/conversion (fcc) package. However, in order to be executed without error during the component distribution, the distribution file is constituted with calendar package in accordance with the dependency between packages.
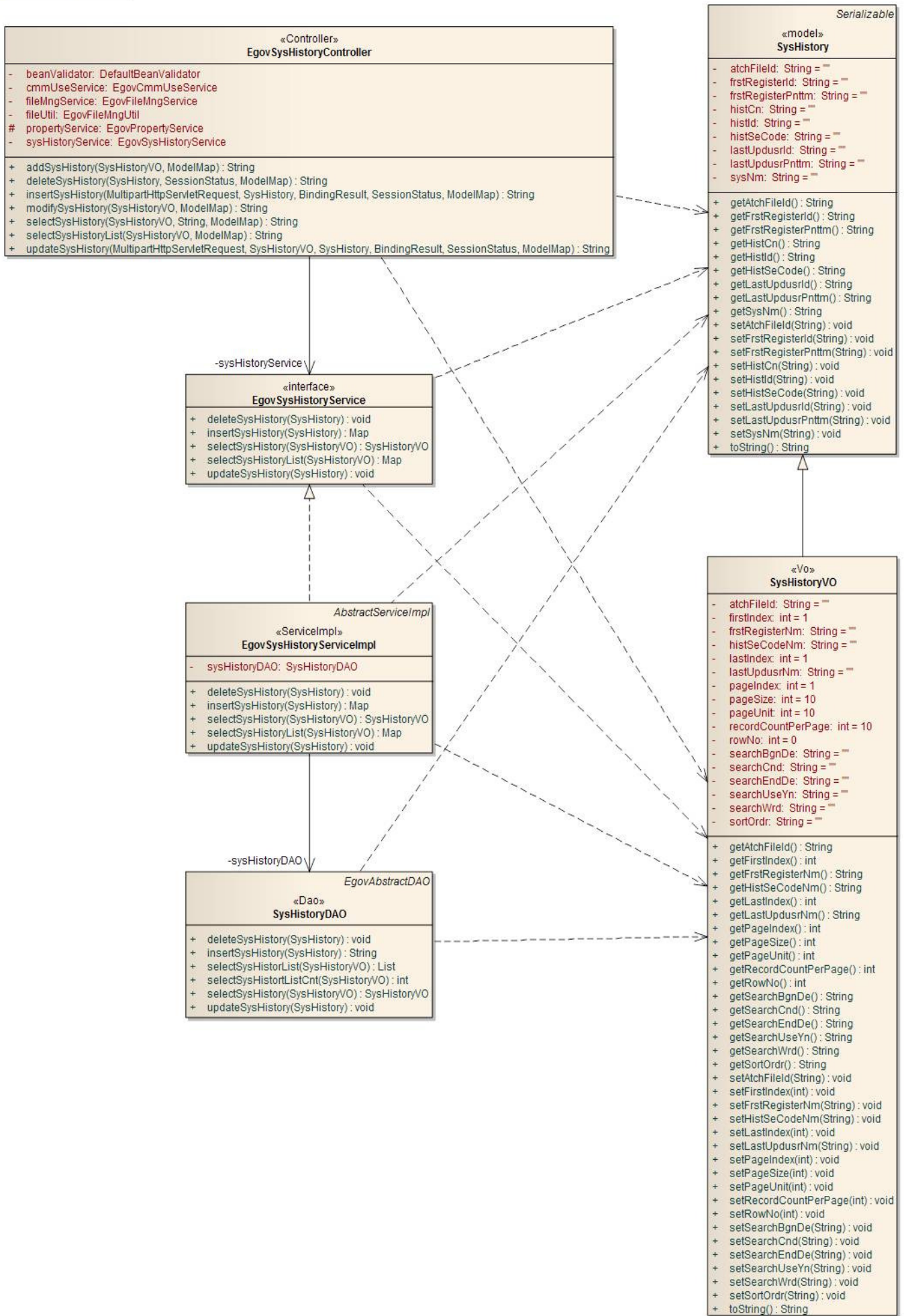
- Dependency between packages: System management Package Dependency

Related Source

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sym.log.slg.web.EgovSysHistoryController.java	Controller class for System History Management
Service	egovframework.com.sym.log.slg.service.EgovSysHistoryService.java	Service interface for System History Management
ServiceImpl	egovframework.com.sym.log.slg.service.impl.EgovSysHistoryServiceImpl.java	Service implementation class for System History Management
Model	egovframework.com.sym.log.slg.service.SysHistory.java	Model class for System History Management
VO	egovframework.com.sym.log.slg.service.SysHistoryVO.java	VO class for System History Management
DAO	egovframework.com.sym.log.slg.service.impl.SysHistoryDAO.java	Data processing class for System

		History Management
JSP	/WEB-INF/jsp/egovframework/com/sym/log/slg/EgovSysHistList.jsp	jsp page for System History Management
JSP	/WEB-INF/jsp/egovframework/com/sym/log/slg/EgovSysHistInqire.jsp	jsp page for System History Inquiry
JSP	/WEB-INF/jsp/egovframework/com/sym/log/slg/EgovSysHistRegist.jsp	jsp page for System History Registration
JSP	/WEB-INF/jsp/egovframework/com/sym/log/slg/EgovSysHistUpdt.jsp	jsp page for System History Modification
QUERY XML	resources/egovframework/sqlmap/com/sym/log/slg/EgovSysHist_SQL_Mysql.xml	QUERY XML for System History Management MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/log/slg/EgovSysHist_SQL_Oracle.xml	QUERY XML for System History Management Oracle
QUERY XML	resources/egovframework/sqlmap/com/sym/log/slg/EgovSysHist_SQL_Tibero.xml	QUERY XML for System History Management Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/log/slg/EgovSysHist_SQL_Altibase.xml	QUERY XML for System History Management Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML which defines Validator Rule
Validator XML	resources/egovframework/validator/com/sym/log/slg/EgovSysHistManage.xml	System History Validator XML

Class Diagram

class CDD_시스템이력관리

«Controller»
EgovSysHistoryController

- beanValidator: DefaultBeanValidator
- cmmUseService: EgovCmmUseService
- fileMngService: EgovFileMngService
- fileUtil: EgovFileMngUtil
propertyService: EgovPropertyService
- sysHistoryService: EgovSysHistoryService

+ addSysHistory(SysHistoryVO, ModelMap) : String
+ deleteSysHistory(SysHistory, SessionStatus, ModelMap) : String
+ insertSysHistory(MultipartHttpServletRequest, SysHistory, BindingResult, SessionStatus, ModelMap) : String
+ modifySysHistory(SysHistoryVO, ModelMap) : String
+ selectSysHistory(SysHistoryVO, String, ModelMap) : String
+ selectSysHistoryList(SysHistoryVO, ModelMap) : String
+ updateSysHistory(MultipartHttpServletRequest, SysHistoryVO, SysHistory, BindingResult, SessionStatus, ModelMap) : String

Serializable

«model»
SysHistory

- atchFileId: String = ""
- frstRegisterId: String = ""
- frstRegisterPnttm: String = ""
- histCn: String = ""
- histId: String = ""
- histSeCode: String = ""
- lastUpdusrId: String = ""
- lastUpdusrPnttm: String = ""
- sysNm: String = ""

+ getAtchFileId() : String
+ getFrstRegisterId() : String
+ getFrstRegisterPnttm() : String
+ getHistCn() : String
+ getHistId() : String
+ getHistSeCode() : String
+ getLastUpdusrId() : String
+ getLastUpdusrPnttm() : String
+ getSysNm() : String
+ setAtchFileId(String) : void
+ setFrstRegisterId(String) : void
+ setFrstRegisterPnttm(String) : void
+ setHistCn(String) : void
+ setHistId(String) : void
+ setHistSeCode(String) : void
+ setLastUpdusrId(String) : void
+ setLastUpdusrPnttm(String) : void
+ setSysNm(String) : void
+ toString() : String

-sysHistoryService

«interface»
EgovSysHistoryService

+ deleteSysHistory(SysHistory) : void
+ insertSysHistory(SysHistory) : Map
+ selectSysHistory(SysHistoryVO) : SysHistoryVO
+ selectSysHistoryList(SysHistoryVO) : Map
+ updateSysHistory(SysHistory) : void

AbstractServiceImpl

«ServiceImpl»
EgovSysHistoryServiceImpl

- sysHistoryDAO: SysHistoryDAO

+ deleteSysHistory(SysHistory) : void
+ insertSysHistory(SysHistory) : Map
+ selectSysHistory(SysHistoryVO) : SysHistoryVO
+ selectSysHistoryList(SysHistoryVO) : Map
+ updateSysHistory(SysHistory) : void

«Vo»
SysHistoryVO

- atchFileId: String = ""
- firstIndex: int = 1
- frstRegisterNm: String = ""
- histSeCodeNm: String = ""
- lastIndex: int = 1
- lastUpdusrNm: String = ""
- pageIndex: int = 1
- pageSize: int = 10
- pageUnit: int = 10
- recordCountPerPage: int = 10
- rowNo: int = 0
- searchBgnDe: String = ""
- searchCnd: String = ""
- searchEndDe: String = ""
- searchUseYn: String = ""
- searchWrd: String = ""
- sortOrdr: String = ""

+ getAtchFileId() : String
+ getFirstIndex() : int
+ getFrstRegisterNm() : String
+ getHistSeCodeNm() : String
+ getLastIndex() : int
+ getLastUpdusrNm() : String
+ getPageIndex() : int
+ getPageSize() : int
+ getPageUnit() : int
+ getRecordCountPerPage() : int
+ getRowNo() : int
+ getSearchBgnDe() : String
+ getSearchCnd() : String
+ getSearchEndDe() : String
+ getSearchUseYn() : String
+ getSearchWrd() : String
+ getSortOrdr() : String
+ setAtchFileId(String) : void
+ setFirstIndex(int) : void
+ setFrstRegisterNm(String) : void
+ setHistSeCodeNm(String) : void
+ setLastIndex(int) : void
+ setLastUpdusrNm(String) : void
+ setPageIndex(int) : void
+ setPageSize(int) : void
+ setPageUnit(int) : void
+ setRecordCountPerPage(int) : void
+ setRowNo(int) : void
+ setSearchBgnDe(String) : void
+ setSearchCnd(String) : void
+ setSearchEndDe(String) : void
+ setSearchUseYn(String) : void
+ setSearchWrd(String) : void
+ setSortOrdr(String) : void
+ toString() : String

-sysHistoryDAO

EgovAbstractDAO

«Dao»
SysHistoryDAO

+ deleteSysHistory(SysHistory) : void
+ insertSysHistory(SysHistory) : String
+ selectSysHistorList(SysHistoryVO) : List
+ selectSysHistortListCnt(SysHistoryVO) : int
+ selectSysHistory(SysHistoryVO) : SysHistoryVO
+ updateSysHistory(SysHistory) : void

Related Table

Name of table	Name of table (English)	Remarks
System History	COMTHSYSHIST	Manage the System History information.

Related Functions

System History Management is divided into the **system history list inquiry, system history detailed inquiry, system history registration,** and **system history modification** functions.

System History List Inquiry

Business Rule

System History Management 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 name of system and history division.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List inquiry	/sym/log/slg/SelectSysHistoryList.do	selectSysHistoryList	"SysHistoryDAO.selectSysHistoryList",
			"SysHistoryDAO.selectSysHistoryListCnt"

In order to perform the system history detailed inquiry function, click the **Detail View** button.

In order to perform the system history registration function, click the **Registration** button.

System History Detailed Inquiry

Business Rule

Detailed inquiry contents of system history list are displayed.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sym/log/slg/InqireSysHistory.do	selectSysHistory	"SysHistoryDAO.selectSysHistory"

When the **Update** button is clicked, it is moved to the system history modification screen.

When the **Delete** button is clicked, system history deletion function is conducted.

When the **List** button is clicked, it is moved to the system history list inquiry screen.

System History Registration

Business Rule

System history registration function is conducted.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sym/log/slg/InsertSysHistory.do	insertSysHistory	"SysHistoryDAO.insertSysHistory"

When the **Register** button is clicked, system history registration function is conducted.

When the **List** button is clicked, it is moved to the system history list inquiry screen.

System History Modification

Business Rule

Modification function of system history is provided.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sym/log/slg/UpdateSysHistory.do	updateSysHistory	"SysHistoryDAO.updateSysHistory"

When the **Update** button is clicked, system history modification function is conducted.

When the **List** button is clicked, it is moved to the system history list inquiry screen.