

Program Management

Summary

Program Management is comprised of program list management and program change management. For the program list management, menu is comprised of the screen which manages program list, and it is registered by checking the name of program registered in the program list during the menu registration since it is connected to the menu management as an essential element, therefore, program list shall be defined prior to the menu registration. Program change management is defined with the screen which manages the processing of the state of reflection through the confirmation of the change request from the program change management screen by the system administrator.

- Flow of functions



- Flow of program management function

Name of function	Flow of function
Program list management	ID/password input → Login request → Program list inquiry → Program list registration → Program list detailed inquiry

- Flow of program change management function

Name of function	Flow of function
Program change request	ID/password input → Login request → Program change request inquiry → Program change request registration → Change request item registration → Program change request detailed inquiry
Program change request processing	ID/password input → Login request → Program change management inquiry → Program change detailed inquiry → Registration of program change request processing item → Automatic mail sending of program change request processing item

Description

For program change request, list management for program change is defined with the screen which requests reflection to system of the changing item of program registered at the program list from the administrator. Program change history is the screen to inquire the history of processing results and so forth in accordance with the program change request, and it is comprised of the program change history list, and program change history detailed screen.

Package Dependency

Program Management Package has direct functional dependency for the common package (cmm) of element technology and mail connection interface package. However, in order to be executed without error during the component distribution, the distribution file is constituted with mail connection interface, shortcut menu management, menu creation management, site map, menu management, format/date/calculation, system (sim), calendar, web editor, and postal number package in accordance with the dependency between packages.

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

Related Source

Program list management

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sym.prm.web.EgovProgrmManageController.java	Controller class for program list management, change request, change request processing, and change history management
Service	egovframework.com.sym.prm.service.EgovProgrmManageService.java	Service interface for program list management, change management, change request processing, and change history management
ServiceImpl	egovframework.com.sym.prm.service.impl.EgovProgrmManageServiceImpl.java	Service implementation class for program list management, change management, change request processing, and change history management
Model	egovframework.com.sym.prm.service.ProgrmManage.java	Model class for program list management
Model	egovframework.com.sym.mpm.service.ProgrmManageDtl.java	Model class

		for change management, change request processing, and change history management
VO	egovframework.com.sym.prm.service.ProgrmManageVO.java	VO class for program list management
VO	egovframework.com.sym.mpm.service.ProgrmManageDtIVO.java	VO class for change management, change request processing, and change history management
DAO	egovframework.com.sym.prm.service.impl.ProgrmManageDAO.java	Data processing class for program list management, change management, change request processing, and change history management
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramListManage.jsp	List inquiry page for program list inquiry and multi-deletion
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramListRegist.jsp	Page for program information registration
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramListDetailSelectUpdt.jsp	Page for program information detailed inquiry, update, and deletion
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChangeRequst.jsp	List inquiry page for program change request list inquiry

JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChangReqstStre.jsp	The page where program change request is registered
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChangReqstDetailSelectUpdt.jsp	Page for program change request detailed inquiry and update
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChangeReqstProcess.jsp	List inquiry page for program change request processing
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChangReqstProcessDetailSelectUpdt.jsp	Page for program change request processing detailed inquiry and update
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChgHst.jsp	List inquiry page for program change history
JSP	/WEB-INF/jsp/egovframework/com/sym/prm/EgovProgramChgHstDetail.jsp	Page for program change history list detailed inquiry
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManage_SQL_Mysql.xml	QUERY XML for program list management MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManage_SQL_Oracle.xml	QUERY XML for program list management Oracle
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManage_SQL_Tibero.xml	QUERY XML for program list management Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManage_SQL_Altibase.xml	QUERY XML for program list management Altibase
QUERY	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManageDtl_SQL	QUERY XML

XML	_Mysql.xml	for program change management MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManageDtl_SQL_Oracle.xml	QUERY XML for program change management Oracle
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManageDtl_SQL_Tibero.xml	QUERY XML for program change management Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/prm/EgovProgrmManageDtl_SQL_Altibase.xml	QUERY XML for program change management Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	Validator Rule defined XML
Validator XML	resources/egovframework/validator/com/sym/prm/EgovProgrmManage.xml	Program list management Validator XML
Validator XML	resources/egovframework/validator/com/sym/prm/EgovProgrmManageDtl.xml	Program list management Validator XML
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Program management Message properties

Class Diagram

Related Table

Name of table	Name of table (English)	Remarks
Program list	COMTNPROGRMLIST	Manage the program list.
Program change details	COMTHPROGRMCHANGEDTLS	Manage the program change details.

Related Functions

Program management is divided into the **program list inquiry, program list registration, program list detailed inquiry/update, program list deletion, program change request inquiry, program change request registration, program change request detailed inquiry/update, program change request deletion, program change request processing inquiry, program change request processing detailed screen, program change history inquiry, and program change history detailed screen** functions.

Program list inquiry

Business Rule

In order to register new authority, move to **program list registration** screen through the registration button at the top, and in the case of revising already existed program list information, move to the **program list detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding program list.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/prm/EgovProgramListManageSelect.do	selectProgrmList	"progrmManageDAO.selectProgrmList_D",
			"progrmManageDAO.selectProgrmListTotCnt_S"

Program 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 Korean name of program.

프로그램목록관리

프로그램명*

<input type="checkbox"/>	프로그램파일명	프로그램명	URL	프로그램설명
<input type="checkbox"/>	dir	디렉토리	dir	디렉토리
<input type="checkbox"/>	EgovAdministCalPopup	행정달력	/sym/cmm/EgovAdministCalPopup.do	행정달력
<input type="checkbox"/>	EgovAdministDayCalendar	행정달력 일간	/sym/cal/EgovAdministDayCalendar.do	행정달력>일간
<input type="checkbox"/>	EgovAdministMonthCalendar	행정달력 월간	/sym/cal/EgovAdministMonthCalendar.do	행정달력>월간
<input type="checkbox"/>	EgovAdministWeekCalendar	행정달력 주간	/sym/cal/EgovAdministWeekCalendar.do	행정달력>주간
<input type="checkbox"/>	EgovAdministYearCalendar	행정달력 연간	/sym/cal/EgovAdministYearCalendar.do	행정달력>연간
<input type="checkbox"/>	EgovAllSchdulManageList	전체일정	/cop/smt/asm/EgovAllSchdulManageList.do	전체일정
<input type="checkbox"/>	EgovAuthorGroupList	권한그룹관리	/cmm/sec/ram/EgovAuthorGroupListView.do	권한그룹관리
<input type="checkbox"/>	EgovAuthorList	권한관리	/cmm/sec/ram/EgovAuthorListView.do	권한관리
<input type="checkbox"/>	EgovBbsStats	게시물통계	/sts/selectBbsStats.do	게시물통계

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Inquiry: Inquire the registered program list.

Register: In order to register new program list, move to **program list registration** screen through the Register button at the top.

Inquiry list selection: in the case of revising already existed program list information, move to the **program list detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding name of program.

Program list registration

Business Rule

Conduct registration after inputting the program list information.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/sym/prm/EgovProgramListRegist.do	insertProgrmList	"progrmManageDAO.insertProgrm_S"

프로그램목록 등록

프로그램파일명 *	<input type="text"/>
저장경로 *	<input type="text"/>
한글명 *	<input type="text"/>
URL *	<input type="text"/>
프로그램설명	<div style="border: 1px solid gray; height: 100px;"></div>

List: Move to the program list management screen.

Register: In order to register new program list, conduct the saving through the **Register button** at the top.

Program list detailed inquiry/update

Business Rule

Conduct the saving after changing the program list information.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/sym/prm/EgovProgramListDetailSelectUpdt.do	updateProgrmList	"progrmManageDAO.updateProgrm_S"
Detailed inquiry	/sym/prm/EgovProgramListDetailSelect.do	selectProgrm	"progrmManageDAO.selectProgrmList_D"

Next screen is identical with the program list detailed inquiry screen.

프로그램목록 상세조회 /수정

프로그램파일명 *	EgovAdministCalPopup
저장경로 *	/sym/cal/
한글명 *	행정달력
URL *	/sym/cmm/EgovAdministCalPopup.do
프로그램설명	행정달력

List: Move to the program list management screen.

Update: In order to revise already registered program list, conduct the saving through the **Update button** at the top.

Program list deletion

Business Rule

Multi-deletion - After inquiring the program list, select the deletion subject with check box, and click the deletion button.

Single deletion- Click the detailed inquiry deletion button at program list detailed inquiry/update screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Multi-deletion	/sym/prm/EgovProgrmManageListDelete.do	deleteProgrmManageList	"progrmManageDAO.deleteProgrm_S"
Single deletion	/sym/prm/EgovProgramListManageDelete.do	deleteProgrmList	"progrmManageDAO.deleteProgrm_S"

- Multi-deletion

프로그램목록관리

프로그램명*

<input type="checkbox"/>	프로그램파일명	프로그램명	URL	프로그램설명
<input type="checkbox"/>	dir	디렉토리	dir	디렉토리
<input checked="" type="checkbox"/>	EgovAdministCalPopup	행정달력	/sym/cmm/EgovAdministCalPopup.do	행정달력
<input type="checkbox"/>	EgovAdministDayCalendar	행정달력 일간	/sym/cal/EgovAdministDayCalendar.do	행정달력>일간
<input type="checkbox"/>	EgovAdministMonthCalendar	행정달력 월간	/sym/cal/EgovAdministMonthCalendar.do	행정달력>월간
<input type="checkbox"/>	EgovAdministWeekCalendar	행정달력 주간	/sym/cal/EgovAdministWeekCalendar.do	행정달력>주간
<input type="checkbox"/>	EgovAdministYearCalendar	행정달력 연간	/sym/cal/EgovAdministYearCalendar.do	행정달력>연간
<input type="checkbox"/>	EgovAllSchdulManageList	전체일정	/cop/smt/asm/EgovAllSchdulManageList.do	전체일정
<input type="checkbox"/>	EgovAuthorGroupList	권한그룹관리	/cmm/sec/ram/EgovAuthorGroupListView.do	권한그룹관리
<input type="checkbox"/>	EgovAuthorList	권한관리	/cmm/sec/ram/EgovAuthorListView.do	권한관리
<input type="checkbox"/>	EgovBbsStats	게시물통계	/sts/selectBbsStats.do	게시물통계

◀ ▶ 1 2 3 4 5 6 7 8 9 10 ▶ ▶

Select: Set up the list to be deleted with the check box. Multi-deletion can be performed.

Delete: One or many items from the already registered program list can be deleted through the **Delete button** at the top.

- Single deletion

프로그램목록 상세조회 /수정

프로그램파일명 *	<input type="text" value="EgovAdministCalPopup"/>
저장경로 *	<input type="text" value="/sym/cal/"/>
한글명 *	<input type="text" value="행정달력"/>
URL *	<input type="text" value="/sym/cmm/EgovAdministCalPopup.do"/>
프로그램설명	<input type="text" value="행정달력"/>

Delete: Already registered program list can be deleted through the **Delete button** at the top.

Program change request inquiry

Business Rule

In order to request new program change, move to **program change request registration** screen through the registration button at the top, and in the case of revising already existed program change

request item, move to the **program change request detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding program change request.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/prm/EgovProgramChangeRequestSelect.do	selectProgrmChangeRequestList	"progrmManageDAO.selectProgrmChangeRequestList_D",
			"progrmManageDAO.selectProgrmChangeRequestListTotCnt_S"

Program change request 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 Korean name of program.

▶ 프로그램변경요청

프로그램명 * 조회

등록

요청번호	프로그램파일명	요청제목	요청자	요청일자	처리여부
2	EgovAdministDayCalendar	test	1	2009-04-23	신청중
3	EgovAllSchdulManageList	전체일정 프로그램 수정	1	2009-04-23	신청중
1	EgovProgramChangeRequest	프로그램변경	TEST1	2009-04-15	진행중

Inquiry: Inquire the registered program change request.

Register: In order to register new program change request, move to **program change request registration** screen through the registration button at the top.

Inquiry list selection: In the case of revising already existed program change request, move to the **program change request detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding name of program.

Program change request registration

Business Rule

Conduct registration after inputting the program change request information.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/sym/prm/EgovProgramChangeRequestStStre.do	insertProgrmChangeRequest	"progrmManageDAO.insertProgrmChangeRequest_S"

▶ 프로그램변경요청 등록

요청번호 *	4
프로그램파일명 *	<input type="text"/> (프로그램파일명 검색)
요청자 *	1
요청일자 *	<input type="text"/>
요청제목 *	<input type="text"/>
변경요청내용	<div style="border: 1px solid gray; height: 150px;"></div>

Search: Search and designate the name of program file to be requested of program change.

Calendar: Select the request date from the calendar pop-up.

List: Move to the program change request screen.

Register: In order to register new program change request, perform the saving through the **Register button** at the bottom.

Program change request detailed inquiry/update

Business Rule

Conduct the saving after changing the program change request information.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/sym/prm/EgovProgramChangRequestDetailSelectUpdt.do	updateProgrmChangeRequest	"progrmManageDAO.updateProgrmChangeRequest_S"
Detailed inquiry	/sym/prm/EgovProgramChangRequestDetailSelect.do	selectProgrmChangeRequest	"proprogrmManageDAO.selectProgrmChangeRequestList_D"

Next screen is identical with the program change request detailed inquiry screen.

프로그램변경요청 상세 조회 / 수정

변경요청내역

요청번호 *	1
프로그램파일명 *	EgovProgramChangeReqst
요청자ID *	TEST1
요청일자 *	2009-04-15
요청제목 *	프로그램변경
변경요청내용	프로그램변경11

변경처리내역

변경처리일자 *	2009-04-15
변경처리자 *	TEST1
변경처리상태 *	진행중
변경처리내용	프로그램 변경 TEST1

목록 수정 삭제

List: Move to the program change request screen.

Update: In order to revise already registered program change request, conduct the saving through the **update button** at the bottom.

Program change request can only be revised by the **person applied for the change request**.

Program change request deletion

Business Rule

Perform the deletion of the program change request.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Deletion	/sym/prm/EgovProgramChangRequstDelete.do	deleteProgrmChangeRequst	"progrmManageDAO.deleteProgrmChangeRequst_S"

변경요청내역

요청번호 *	1
프로그램파일명 *	EgovProgramChangeRequest
요청자ID *	TEST1
요청일자 *	2009-04-15
요청제목 *	프로그램변경
변경요청내용	프로그램변경11

변경처리내역

변경처리일자 *	2009-04-15
변경처리자 *	TEST1
변경처리상태 *	진행중
변경처리내용	프로그램 변경 TEST1

목록 수정 삭제

Deletion: In order to delete already registered program change request, conduct the deletion through the **Delete button** at the top.

Program change request can only be deleted by the **person applied for the change request**.

Program change request processing inquiry

Business Rule

In order to process program change request item, move to the **program change request processing detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding program change request item.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/prm/EgovProgramChangeRequestProcessListSelect.do	selectProgrmChangeRequestProcessList	"progrmManageDAO.selectChangeRequestProcessList_D",
			"progrmManageDAO.selectChangeRequestProcessListTotCnt_S"

Program change request processing 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 Korean name of program.

프로그램변경요청처리

검색조건 처리상태

요청번호	프로그램파일명	처리상태	요청제목	요청자	요청일자
1	EgovProgramChangeRequet	진행중	프로그램변경	TEST1	2009-04-15
2	EgovAdministDayCalendar	신청중	test	1	2009-04-23
3	EgovAllSchdulManageList	신청중	전체일정 프로그램 수정	1	2009-04-23

1

Search condition list box: Select the search condition from the list box. (total, processing state, request date, applied person)

When search condition is in processing state: Select the search condition from the processing state list box. (under application, under progress, returned, processing completed)

When search condition is the request date: Select the date for the request through the calendar pop-up by reviewing the search starting date~ search completion date

When search condition is the applied person: Perform the inquiry by inputting the applicant ID.

Inquiry: Inquire the registered program change request item.

Inquiry list selection: In the case of processing already existed program change request item, move to the **program change request detailed inquiry/update** screen which provides detailed inquiry and update functions by clicking the corresponding program name.

Program change request processing detailed inquiry screen

Business Rule

Conduct the saving after changing the program change request processing progress item.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/sym/prm/EgovProgramChangRequetProcessDetailSelectUpdt.do	updateProgrmChangRequetProcess	"progrmManageDAO.updateProgrmChangRequetProcess_S"
Detailed inquiry	/sym/prm/EgovProgramChangRequetProcessDetailSelect.do	selectProgrmChangRequetProcess	"progrmManageDAO.selectProgrmChangRequetList_D"

Next screen is identical with the program change request processing detailed inquiry screen.

프로그램변경요청처리상세조회/수정

변경처리내역

변경처리일자 *	2009-04-15
변경처리자 *	TEST1
변경처리상태 *	실행중
변경처리내용	프로그램 변경 TEST1

변경요청내역

요청번호 *	1
프로그램파일명 *	EgovProgramChangeReqest
요청자ID *	TEST1
요청일자 *	2009-04-15
요청제목 *	프로그램변경
변경요청내용	프로그램변경11

[목록](#) [수정](#)

Calendar: Select the processing date from the calendar pop-up.

List: Move to the program change request processing screen.

Update: In order to process already registered program change request item, conduct the saving through the **update button** at the bottom after designating the progress item.

Program change request can only be revised by the **person who has handled the change request**.

Program change history inquiry

Business Rule

Program change history 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 Korean name of program.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/prm/EgovProgramChgHstListSelect.do	selectProgrmChgHstList	"progrmManageDAO.selectProgrmChangeReqestList_D",
			"progrmManageDAO.selectProgrmChangeReqestListTotCnt_S"

프로그램변경이력

프로그램명*	<input type="text"/>	조회
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프로그램파일명	처리상태	처리내용	변경요청자	변경요청일자	변경완료일자
EgovAdministDayCalendar	신청중		1	2009-04-23	
EgovAllSchdulManageList	신청중		1	2009-04-23	
EgovProgramChangeRequet	진행중	프로그램 변경 TEST1	TEST1	2009-04-15	2009-04-15

1

Inquiry: Inquire the registered program change history item.

Inquiry list selection: In the case of performing detailed inquiry of the already existed program change request item, move to the **program change request detailed inquiry** screen which provides detailed inquiry function by clicking the corresponding name of program.

Program change history detailed inquiry screen

Business Rule

Inquire the program change history detailed screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed inquiry	/sym/prm/EgovProgramChgHstListDetailSelect.do	selectProgramChgHstListDetail	"progrmManageDAO.selectProgrmChangeRequstList_D"

Next screen is identical with the program change history detailed inquiry screen.

프로그램변경이력상세 조회

변경요청내역

요청번호	3
프로그램파일명	EgovAllSchdulManageList
요청자ID	1
요청일자	2009-04-23
요청제목	전체일정 프로그램 수정
변경요청내용	URL을 변경바랍니다. ▲
	▼

변경처리내역

변경처리일자	
변경처리자	
변경처리상태	신청중 ▲
변경처리내용	▼

목록

List: Move to the program change history screen.