

System Management - Backup management

Overview

Backup management provides a function to manage back task executed regularly and inquire backup results.

Description

- **Backup task management** provides functions of registering, modifying, deleting, inquiring and inquiring lists of backup task.

① Backup task list inquiry: inquire information defined as backup task in the order of registration time and display the results on the screen.

② Backup task registration: register backup task information and inquire the results.

③ Backup task modification: modify registered Backup task information.

④ Backup task deletion: delete registered backup task information.

⑤ Backup task inquiry: inquire registered backup task information.

- **Backup results management** provides functions of registering, modifying, deleting, inquiring and inquiring lists of Backup task to manage backup results.

① Backup results list inquiry: inquire information defined as backup results in the order of registration time and display the results on the screen.

④ Backup results deletion: delete registered backup results information.

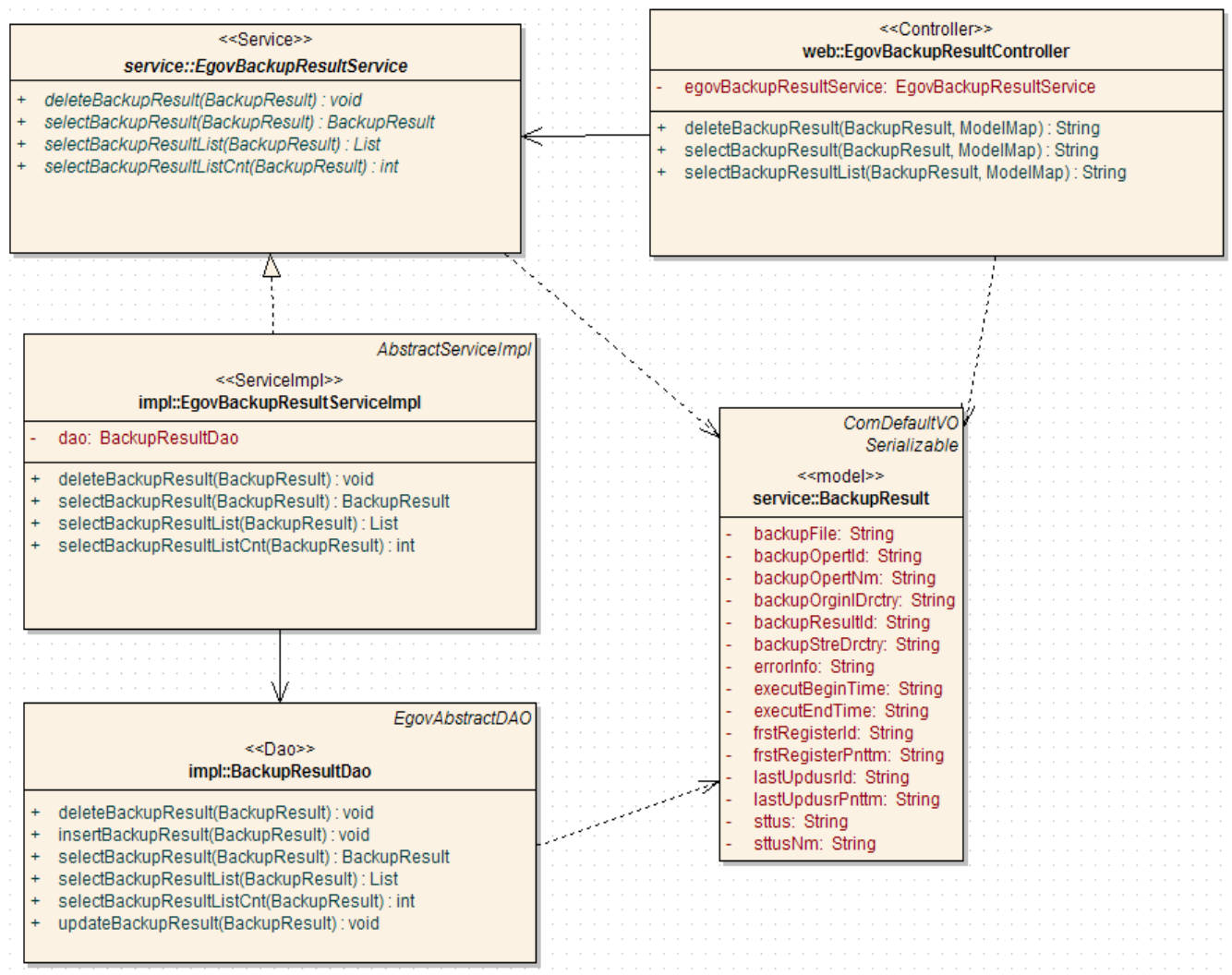
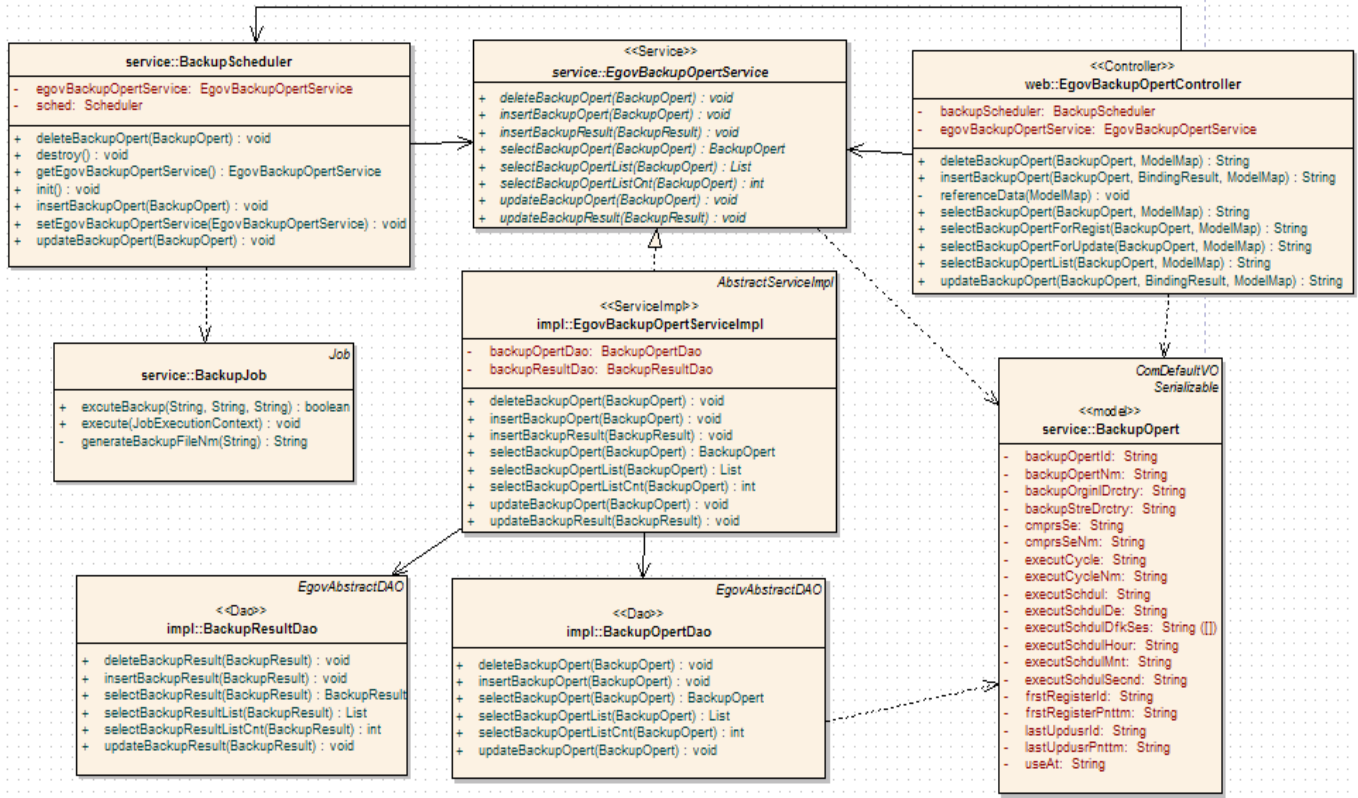
⑤ Backup results inquiry: inquire registered backup results information.

Related sources

Type	Target source names	Notes
Controller	egovframework.com.sym.sym.bak.web.EgovBackupOpertController.java	Controller class for backup task management
Controller	egovframework.com.sym.sym.bak.web.EgovBackupResultController.java	Controller class for backup results management
Service	egovframework.com.sym.sym.bak.service.EgovBackupOpertService.java	Service interface for backup task management
Service	egovframework.com.sym.sym.bak.service.EgovBackupResultService.java	Service interface for server result management
ServiceImpl	egovframework.com.sym.sym.bak.service.impl.EgovBackupOpertServiceImpl.java	Service implement class for backup task management
ServiceImpl	egovframework.com.sym.sym.bak.service.impl.EgovBackupResultServiceImpl.java	Service implement class for server result management
DAO	egovframework.com.sym.sym.bak.service.impl.BackupOpertDAO.java	Data

		processing class for backup task management
DAO	egovframework.com.sym.sym.bak.service.impl.BackupResultDAO.java	Data processing class for server result management
Model	egovframework.com.sym.sym.bak.service.BackupOpert.java	Model class for backup task management
Model	egovframework.com.sym.sym.bak.service.BackupResult.java	Model class for server result management
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupOpertList.jsp	jsp page for Backup task list inquiry
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupOpertRegist.jsp	jsp page for Backup task registration
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupOpertUpdt.jsp	jsp page for Backup task modification
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupOpertDetail.jsp	jsp page for registered Backup tasks incorporation
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupResultList.jsp	jsp page for backup results list inquiry
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupResultRegist.jsp	jsp page for Backup results registration
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupResultUpdt.jsp	Backup results modification jsp page for
JSP	/WEB-INF/jsp/egovframework/sym/sym/bak/EgovBackupResultDetail.jsp	jsp page for registered Backup results incorporation
XML	/egovframework/sqlmap/com/sym/sym/bak/EgovBackupOpert_SQL_*.xml	Backup task management QUERYXML
XML	/egovframework/sqlmap/com/sym/sym/bak/EgovBackupResult_SQL_*.xml	Backup results management QUERYXML

Class Diagram



Related Tables

Table name	Table name (English)	Notes
Backup task	COMTNBACKUPOPERT	Define and manage the property information to manage backup task information.
Backup schedule day	COMTNBACKUPSCHDULDFK	Define and manage the property information to manage backup schedule day information.
Backup results	COMTNBACKUPRESULT	Define and manage the property information to manage backup results information

ID Generation

- In order to use ID Generation Service, add **BACKUP_OPERT_ID**, **BACKUP_RESULT_ID** to COMTECOPSEQ, the sequence storing table

```
INSERT INTO COMTECOPSEQ VALUES('BACKUP_OPERT_ID','0');
INSERT INTO COMTECOPSEQ VALUES('BACKUP_RESULT_ID','0');
```

Related Screen and Execution Manual

Backup task list inquiry

Action	URL	Controller method	QueryID
Inquire	/sym/bat/selectBackupOpertList.do	selectBackupOpertList	"BackupOpertDAO.selectBackupOpertList"
Inquire	/sym/bat/selectBackupOpertList.do	selectBackupOpertList	"BackupOpertDAO.selectBackupOpertListCnt"

10 Backup task lists are retrieved per page and paging is carried out every 10 page. The search conditions are backup task name and backup original copy directory.

☰ 백업작업관리 목록

--선택하세요--

백업작업ID	백업작업명	백업원본디렉토리	백업저장디렉토리	실행주기	실행스케줄
BAK000000000000000015	테스트 백업	/product/jeus2/	/product/jeus2/egovtest/	매년	09-21 00:00:00

Inquire: inquire registered Backup task list.

Register: to apply a new backup task, press Register button in the top to move to the **Backup task registration** screen.

Backup task registration

Action	URL	Controller method	QueryID
Register	/sym/bat/addBackupOpert.do	insertBackupOpert	"BackupOpertDAO.insertBackupOpert"

Enter and register the property information of backup task.

▶ **백업작업 등록**

백업작업ID *
 백업작업명 *
 백업원본디렉토리 *
 백업저장디렉토리 *
 실행주기 * 한번만 00 시 00 분 00 초
 압축구분 * ZIP

Save: to register a new backup task, enter the backup task property and press **Save button** in the top to register backup task. Enter the backup original copy directory and backup storage directory should exist physically in the server.

List: Backup task list inquiry screen.

Backup task modification

Action	URL	Controller method	QueryID
Modify	/sym/bat/updateBackupOpert	updateBackupOpert	"BackupOpertDAO.updateBackupOpert"

Modify and save property information of backup task.

▶ **백업작업 수정**

백업작업ID * BAK000000000000000015
 백업작업명 * 테스트 백업
 백업원본디렉토리 * /product/jeus2/
 백업저장디렉토리 * /product/jeus2/egovtest/
 실행주기 * 매년 09 월 21 일 00 시 00 분 00 초
 압축구분 * ZIP

Save: modify registered Backup task property and press **Save button** in the top to modify Backup task information.


List: move to Backup task list inquiry screen.

Backup task detail inquiry

Action	URL	Controller method	QueryID
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Inquire in detail	/sym/bat/getBackupOpert.do	selectBackupOpert	"BackupOpertDAO.selectBackupOpert"
Delete	/sym/bat/deleteBackupOpert.do	deleteBackupOpert	"BackupOpertDAO.deleteBackupOpert"

Inquire property information of backup task.

 백업작업 상세조회

백업작업ID BAK000000000000000015

백업작업명 테스트 백업

백업원본디렉토리 /product/jeus2/

백업저장디렉토리 /product/jeus2/egovtest/

실행주기 매년 09-21 00:00:00

압축구분 ZIP

Modify: modify registered Backup task property and press **Modify button** in the top to move to backup task modification screen.

Delete: delete registered Backup task information.

List: move to backup task list inquiry screen.

Backup results list inquiry

Action	URL	Controller method	QueryID
Inquire	/sym/bat/selectBackupResultList.do	selectBackupResultList	"BackupResultDAO.selectBackupResultList"
Inquire	/sym/bat/selectBackupResultList.do	selectBackupResultList	"BackupResultDAO.selectBackupResultListContent"

10 Backup results lists are retrieved per page and paging is carried out every 10 page. The search conditions are backup task name and backup task ID.

Backup results list statuses are divided into **normal**, **abnormal** and **under execution**.

The backup status is 'under execution' when backup task is executed, 'normal' when terminated successfully and 'abnormal' when terminated abnormally.

백업결과 목록

--선택하세요-- 실행시작일자: ~ 전체

백업결과ID	백업작업ID	백업작업명	상태	실행시작시각	실행종료시각
BRT00000000000000227	BAK0000000000000022	테스트	정상	2010-11-10 06:00:00	2010-11-10 06:00:00
BRT00000000000000226	BAK0000000000000022	테스트	정상	2010-11-09 06:00:00	2010-11-09 06:00:00
BRT00000000000000225	BAK0000000000000026	테스트 02	비정상	2010-11-08 00:00:00	2010-11-08 00:00:00
BRT00000000000000224	BAK0000000000000025	테스트 백업	비정상	2010-11-08 00:00:00	2010-11-08 00:00:34
BRT00000000000000223	BAK0000000000000023	테스트 02	비정상	2010-11-08 00:00:00	2010-11-08 00:00:00
BRT00000000000000222	BAK0000000000000022	테스트	비정상	2010-11-08 00:00:00	2010-11-08 00:00:01
BRT00000000000000221	BAK0000000000000015	테스트 백업	비정상	2010-11-08 00:00:00	2010-11-08 00:00:32
BRT00000000000000220	BAK0000000000000024	테스트03	비정상	2010-11-07 00:00:00	2010-11-07 00:00:00
BRT00000000000000219	BAK0000000000000022	테스트	비정상	2010-11-07 00:00:00	2010-11-07 00:00:01
BRT00000000000000218	BAK0000000000000025	테스트 백업	비정상	2010-11-07 00:00:00	2010-11-07 00:00:33

1 2 3 4 5 6 7 8 9 10

Inquire: inquire registered Backup results list.

Backup results detain inquiry

Action	URL	Controller method	QueryID
Inquire in detail	/sym/bat/getBackupResult.do	selectBackupResult	"BackupResultDAO.selectBackupResult"
Delete	/sym/bat/deleteBackupResult.do	deleteBackupResult	"BackupResultDAO.deleteBackupResult"

Inquire the property information of backup results.

▶ **백업결과 상세조회**

백업결과ID	BRT000000000000000024
백업작업ID	BAK000000000000000001
백업작업명	테스트 백업
백업원본디렉토리	/product/jeus2/egovtest/src
백업저장디렉토리	/product/jeus2/egovtest/target
백업파일	/product/jeus2/egovtest/target/BAK000000000000000001_20100914182100.zip
상태	정상
에러정보	
실행시작시각	2010-09-14 18:21:00
실행종료시각	2010-09-14 18:21:00

[삭제](#) [목록](#)

Delete: delete registered Backup results information.

List: move to Backup results list inquiry screen.
