

<http://www.egovframe.go.kr/wiki/doku.php?id=egovframework:bopr:%EA%B0%80%EC%9D%B4%EB%93%9C:%EB%B0%B0%EC%B9%98%EC%9A%B4%EC%98%81:job%EC%8B%A4%ED%96%89%EA%B2%B0%EA%B3%BC%EA%B4%80%EB%A6%AC>

## Outline

You can inquire, update and delete the result of job execution via execution management.

## Functions

1. Inquires the job in progress.
2. Updates the job in progress.
3. Deletes the job in progress.

## Sources

Type	Title	Remark
Controller	egovframework.bopr.mom.web.EgovExecutResultController.java	Controller Class for result of job executions
Service	egovframework.bopr.mom.service.EgovExecutResultService.java	Service Class for result of job executions
ServiceImpl	egovframework.bopr.mom.service.impl.EgovExecutResultServiceImpl.java	ServiceImpl Class for result of job executions
VO	egovframework.bopr.mom.service.ExecutResultVO.java	VO Class for result of job executions
VO	egovframework.com.cmm.ComDefaultVO.java	VO Class for retrieval
DAO	egovframework.bopr.mom.service.impl.ExecutResultDAO.java	DAO Class for result of job executions
DAO	egovframework.bopr.mom.service.impl.JobHistDAO.java	DAO Class for history of job executions
JSP	/WEB-INF/jsp/egovframework/bopr/mom/EgovExecutResultList.jsp	Inquiry Page for job execution result
JSP	/WEB-INF/jsp/egovframework/bopr/mom/EgovExecutResultDetail.jsp	Detailed inquiry Page for job execution result
QUERY XML	/egovframework/sqlmap/bopr/mom/executresult/ExecutResult_SQL_Mysql.xml	Query XML for management of job execution result in MySQL
QUERY XML	/egovframework/sqlmap/bopr/mom/executresult/ExecutResult_SQL_Oracle.xml	Query XML for management of job execution result in Oracle
QUERY XML	/egovframework/sqlmap/bopr/mom/executresult/ExecutResult_SQL_Tibero.xml	Query XML for management of job execution result in Tibero
QUERY XML	/egovframework/sqlmap/bopr/mom/executresult/ExecutResult_SQL_Altibase.xml	Query XML for management of job execution result in Altibase

Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	execution result in Altibase Message properties for management of job execution result
--------------------	---	---

## Tables

Title	Table	Remark
	BATCH_JOB_INSTANCE	Administers batch instances
	BATCH_JOB_EXECUTION	Administers batch execution information
	BATCH_STEP_INSTANCE	Administers batch step execution information
	TN_BATCH	Administers batch information

## Views

### List

Action	URL	Controller method	QueryID
Inquiry for management of job execution result	/bopr/mom/EgovExecutResultList.do	selectExecutResultList	“executResultDAO.selectExecutResultList”
Inquiry Count for management of job execution result	N/A	N/A	“executResultDAO.selectExecutResultListTotCnt”
Deleting management list of job execution result	/bopr/mom/EgovExecutResultListDelete.do	deleteExecutResult	“executResultDAO.deleteExecutResult”

① 상태선택    ② 검색조건선택    ③ 검색조건을 선택하세요    ④ 수행일자    ⑤ 검색    ⑥ 초기화    ⑦ 삭제

Job 이름(배치 명)	Job 인스턴스 ID	Job 실행 ID	버전	수행일시	종료일시	상태
⑨ fixedToIbatisJob	869	902	2	2012-11-03 08:59:04	2012-11-03 08:59:05	COMPLETED
fixedToIbatisJob	870	903	2	2012-11-03 08:59:04	2012-11-03 08:59:05	COMPLETED
fixedToJdbcJob	868	901	2	2012-11-02 14:48:36	2012-11-02 14:48:37	COMPLETED
fixedToJdbcJob	867	900	2	2012-11-02 14:48:11	2012-11-02 14:48:13	COMPLETED
fixedToJdbcJob	866	899	2	2012-11-02 14:48:11	2012-11-02 14:48:12	COMPLETED
fixedToIbatisJob	865	898	2	2012-11-02 08:59:22	2012-11-02 08:59:23	COMPLETED
fixedToIbatisJob	863	896	2	2012-11-02 08:59:07	2012-11-02 08:59:08	COMPLETED
fixedToIbatisJob	864	897	2	2012-11-02 08:59:07	2012-11-02 08:59:08	COMPLETED
fixedToJdbcJob	862	895	2	2012-11-01 14:48:26	2012-11-01 14:48:29	COMPLETED
fixedToJdbcJob	860	893	2	2012-11-01 14:48:11	2012-11-01 14:48:12	COMPLETED

⑩ 1 2 3 4 5 6 7 8 9 10

- Result of job execution is registered in pages for inquiry.
- If you need to filter out the approved batch requests, you can activate Choose Status (①) and configure title and execution ID of job by manually adjusting Search Conditions (②). Input the desired keyword in Keyword Input (③) (Keyword Input is deactivated when all search conditions are deselected) and click on Search (⑤) to start conditional search.
- Conditional search is available by Day of Execution (④) as well, where you can choose the days the search is to start and end. When you input the start day only, you'll see the results after that day, whereas you'll see the results before the end day input. You can search the task history over the period commenced and ended the start and end days.
- Click on Initialization (⑥) for instant initialization of all search conditions. Note that you cannot manually delete the search conditions otherwise.
- Click on Title of Job (Batch) (⑨) to move on to the detailed inquiry.
- You can find the checkboxes at the location of ⑧. Click on the checkbox at the top of the list to choose all, or you may choose the checkboxes of the desired options.
- Click on Delete (⑦) to delete one or more results of job selected.
- Click on (⑩) to move between pages.
  - Click on Number to move on to the page of the concerned number.
  - ⏮: Move on to the previous page list (a page list contains 10 pages)
  - ⏭: Move on to the ensuing page list (a page list contains 10 pages)
  - ⏪: Moves back to Page 1.
  - ⏩: Moves forward to the last Page.
  - Note that arrows does not appear when less than 10 pages (less than 100 results) are available.

## Detailed Inquiry

Action	URL	Controller method	QueryID
Detailed inquiry for management of job execution result	/bopr/mom/EgovExecutResult.do	selectExecutResult	"executResultDAO.selectEx ecutResult"
Updating management of job	/bopr/mom/EgovExecutResultUpdate.do	updateExecutResult	"executResultDAO.updateE xecutResult"

execution  
result  
Deleting  
management  
of job  
execution  
result

/bopr/mom/EgovExecutResultDelete.do deleteExecutResult “executResultDAO.deleteExecutResult”

**Job 실행결과 관리**

배치운영 > Job 실행결과 관리 > 상세정보

① 목록 ② 수정 ③ 삭제

④

✓ Job 실행 ID	874
✓ Job 인스턴스 ID	841
버전	⑤ 2
수행일시	2012-10-30 16:01:53
종료일시	2012-10-30 16:01:53
상태	FAILED
수행결과코드	FAILED
수행결과메시지	⑥
최종수정시점	2012-10-30 16:01:53

⑦

Step	실행ID	버전	Step명	수행일시	종료일시	상태	Commit	Read	Filter	Write	ReadSkip	WriteSkip	ProcessSkip	RollbackSkip	수행결과코드	수행결과메시지
941	2	fixedToFixedStep	2012-10-30 16:01:53	2012-10-30 16:01:53	FAILED	0	0	0	0	0	0	0	0	0	FAILED	⑧

- In-depth Job Execution (④) and Step Execution Result (⑦) are inquired in detail.
- List: Click on List (①) to move on to the list.
- Update: Click on Update (②) to save changes, updating Changes (Version (⑤) and Result Message (⑥)). You can only update for the changes made.
- Delete: Click on Delete (③) to delete the concerned job execution results (Step History deleted as well)
- Click on magnifier (⑧) to pop-up the messages in case the step history is failed.

## Pop-up for Step History Messages

Action	URL	Controller method	QueryID
Detailed inquiry for management of job execution result and step history	/bopr/mom/EgovExecutResultMessagePopup.do	selectExecuteMessage	“jobHistDAO.selectStep HistMessage”

수행결과메세지	<pre> org.springframework.batch.item.ItemStreamException: Failed to initialize the reader at org.springframework.batch.item.support.AbstractItemCountingItemStreamItemReader.open(AbstractItemCountingItemStreamItemReader.java:137) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:26) at java.lang.reflect.Method.invoke(Method.java:597) at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:309) at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:183) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:160) at org.springframework.aop.support.DelegatingIntroductionInterceptor.doProceed(DelegatingIntroductionInterceptor.java:131) at org.springframework.aop.support.DelegatingIntroductionInterceptor.invoke(DelegatingIntroductionInterceptor.java:119) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:172) at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:202) at \$Proxy58.open(Unknown Source) at org.springframework.batch.item.support.CompositeItemStream.open(CompositeItemStream.java:93) at org.springframework.batch.core.step.tasklet.TaskletStep.open(TaskletStep.java:301) at org.springframework.batch.core.step.AbstractStep.execute(AbstractStep.java:192) at org.springframework.batch.core.job.flow.SimpleStepHandler.handleStep(SimpleStepHandler.java:135) at org.springframework.batch.core.job.flow.JobFlowExecutor.executeStep(JobFlowExecutor.java:61) at org.springframework.batch.core.job.flow.support.state.StepState.handle(StepState.java:60) at org.springframework.batch.core.job.flow.support.SimpleFlow.resume(SimpleFlow.java:144) at org.springframework.batch.core.job.flow.support.SimpleFlow.start(SimpleFlow.java:124) at org.springframework.batch.core.job.flow.FlowJob.doExecute(FlowJob.java:135) at org.springframework.batch.core.job.AbstractJob.execute(AbstractJob.java:281) at org.springframework.batch.core.launch.support.SimpleJobLauncher\$1.run(SimpleJobLauncher.java:120) at java.lang.Thread.run(Thread.java:662) Caused by: java.lang.IllegalStateException: Input resource must exist (reader is in 'strict' mode): class path reso </pre>
---------	---

- Details of error message are thrown in the Pop-up when step is failed.