

Questions management

Summary

This provides questions management function used in establishing the questionnaire management system which manages design templates used in questionnaire participation.

Description

The questionnaire template management accompanies **register, update, delete, inquiry and list inquiry** functions with a purpose to manage templates.

Package Dependency

The questionnaire template management package has direct functional dependency to the common package (cmm) of element technology and authorization management package. However, to avoid error on deployment, the distribution file contains questionnaire, questionnaire respondent management, questionnaire template management, questionnaire question management, questionnaire item management, and calendar package to dependencies between packages.

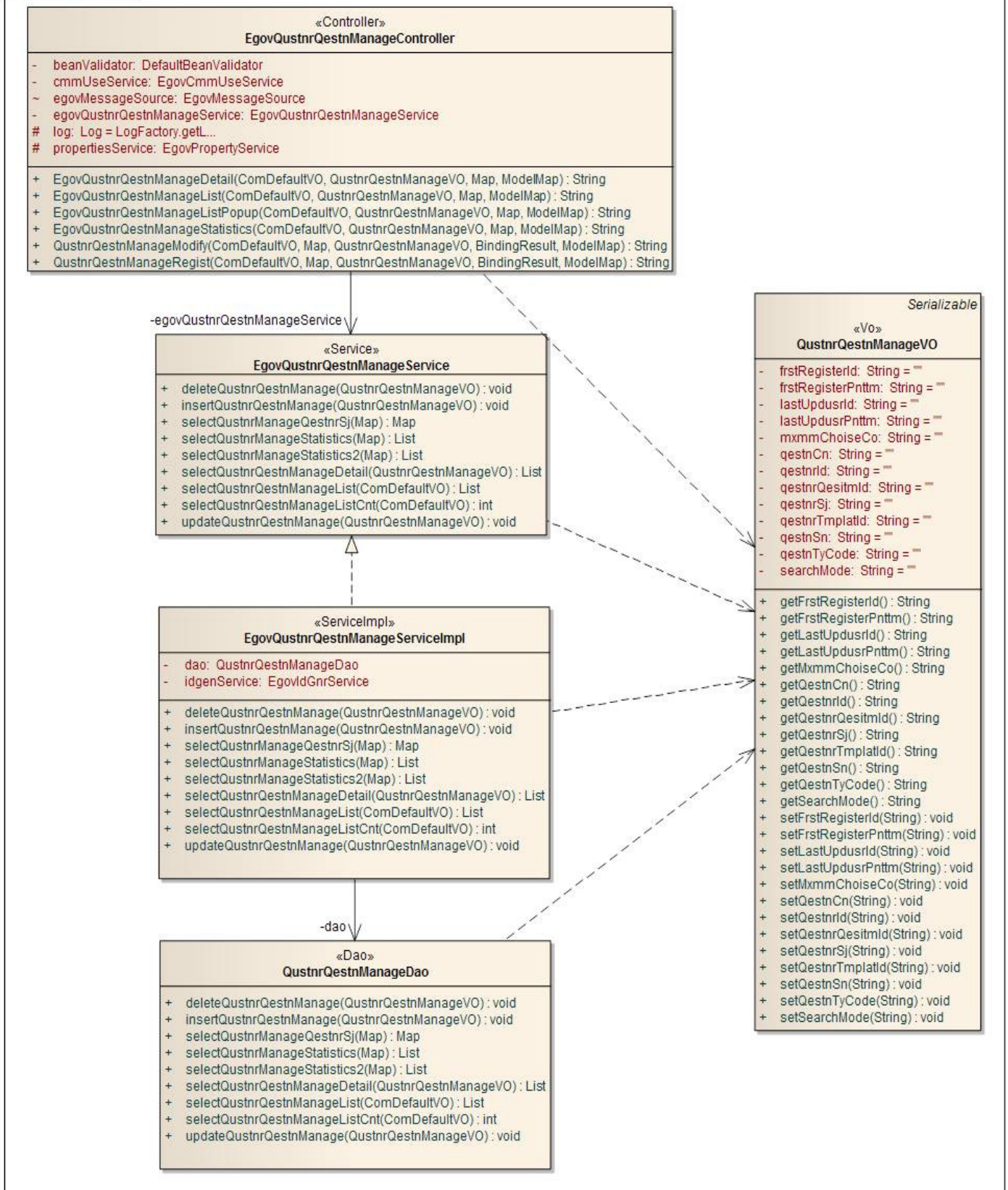
- Package Dependency: [User Support Package Dependency](#)

Related Source

Type	Source	Remarks
Controller	egovframework.com.uss.olp.qqm.web.EgovQustnrQestnManageController.java	Controller class for questions management
Service	egovframework.com.uss.olp.qqm.service.EgovQustnrQestnManageService.java	Service interface for questions management
ServiceImpl	egovframework.com.uss.olp.qqm.service.impl.EgovQustnrQestnManageServiceImpl.java	ServiceImpl Class for questions management
VO	egovframework.com.uss.olp.qqm.service.QustnrQestnManageVO.java	VO Class
VO	egovframework.com.cmm.ComDefaultVO.java	Search VO Class
DAO	egovframework.com.uss.olp.qqm.service.impl.QustnrQestnManageDao.java	Dao class questions management
JSP	/WEB-INF/jsp/egovframework/com/uss/olp/qqm/EgovQustnrQestnManageList.jsp	List inquiry page for questions management
JSP	/WEB-INF/jsp/egovframework/com/uss/olp/qqm/EgovQustnrQestnManageRegist.jsp	List page for questions management
JSP	/WEB-INF/jsp/egovframework/com/uss/olp/qqm/EgovQustnrQestnManageModify.jsp	Registration page for questions management
JSP	/WEB-INF/jsp/egovframework/com/uss/olp/qqm/EgovQustnrQestnManageDetail.jsp	Revision page for questions management
QUERY XML	resources/egovframework/sqlmap/com/uss/olp/qqm/EgovQustnrQestnManage_SQL_Mysql.xml	Detailed inquiry page for questions management questions management

QUERY XML	resources/egovframework/sqlmap/com/uss/olp/qqm/EgovQustnrQestnManage_SQL_Oracle.xml	MySQL based QUERY XML for questions management
QUERY XML	resources/egovframework/sqlmap/com/uss/olp/qqm/EgovQustnrQestnManage_SQL_Tibero.xml	Oracle based QUERY XML for questions management
QUERY XML	resources/egovframework/sqlmap/com/uss/olp/qqm/EgovQustnrQestnManage_SQL_Altibase.xml	Tibero based QUERY XML for questions management
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	Altibase based QUERY XML for questions management
Validator XML	resources/egovframework/validator/com/uss/olp/qqm/EgovQustnrQestnManage.xml	XML that defined the validator rule
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Validator XML for questions management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Message properties for questions management

Class Diagram



ID Generation

ID Generation related DDL and DML

To utilize ID Generation Service, **QUSTNRTMPLA_ID** is added to the Sequence storage table, COMTECOPSEQ.

```

CREATE TABLE COMTECOPSEQ (
    table_name varchar(16) NOT NULL,
    next_id DECIMAL(30) NOT NULL,
    PRIMARY KEY (table_name));
  
```

```
INSERT INTO COMTECOPSEQ VALUES('QUSTNRQESTN_ID','0');
```

ID Generation Configuration (context-idgen.xml)

```
<bean name="egovQustnrQestnManageIdGnrService"
  class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
  destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="QustnrQestnManageInfotrategy" />
  <property name="blockSize" value="10"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="QUSTNRQESTN_ID"/>
</bean>
<bean name="QustnrQestnManageInfotrategy"
  class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="QQESTN_" />
  <property name="cipers" value="13" />
  <property name="fillChar" value="0" />
</bean>
```

Related Table

Table name	Table name(English)	Note
Questionnaire management	COMTNQESTNRINFO	Provide an access to questionnaire management.
Questionnaire questions management	COMTNQUSTNRQESITM	Manages questionnaire questions.

Related Code

Following table lists codes and their configuration values used in Questions management.

Code Type	Code Type Name	Code ID	Code Name
COM018	Question type	1	Multiple choice question
COM018	Question type	2	Short answer

Related Function

The questionnaire management function is composed of **questions management list inquiry, questionnaire template register, questionnaire template update, detailed questionnaire template inquiry.**

Questions management list inquiry

Business Rule

The manager can inquire information on the pre-registered questionnaire template management as a list and move to registration screen by clicking the register button.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/uss/olp/qqm/EgovQustnrQestnManageList.do	egovQustnrQestnManageList	"QustnrQestnManage.selectQustnrQestnManage", "QustnrQestnManage.selectQustnrQestnManageCnt"

The questionnaire list is accessed 10 items per page, paging occurs per 10 pages. Search options are applied to question content and max question item count.

To change search range per page, update pageUnit, pageSize in context-properties.xml file.(This setting will be applied to the whole common service)

순번	질문내용	질문유형	질문항목	통계	등록자	등록일자
1	물가 안정이 가장 필요한 항목은?	객관식	보기	보기	박상수	2009-04-28
2	가장 많이 물가 가 오른 생필품은?	객관식	보기	보기	박상수	2009-04-28
3	체감 인플레이션의 수의는?	객관식	보기	보기	박상수	2009-04-28
4	친환경 자동차중 가장 연비가 좋은 차는?	객관식	보기	보기	박상수	2009-04-23
5	아래 두 여성그룹 중 외모상 더 선호가 되는 그룹은 어디입...	객관식	보기	보기	박상수	2009-04-16
6	아래의 여성 그룹 중 가창력 면에서 더 선호되는 그룹은 누...	객관식	보기	보기	박상수	2009-04-16
7	아래의 여성 그룹 중 가창력 면에서 더 선호되는 그룹은 누...	객관식	보기	보기	업무담당자	2009-04-09
8	아래 두 여성그룹 중 외모상 더 선호가 되는 그룹은 어디입...	객관식	보기	보기	업무담당자	2009-04-09
9	당신의 생활에서 웰빙라이프를 적어주세요?	주관식	보기	보기	조재영	2009-04-08
10	즐거먹는 봄나물은 ?	객관식	보기	보기		2009-03-30

Search: select search options and enter search text to search specific items.

Register: click the Register button to add new question in **Questions management registration** page.

Click the List (Question): displays **Detailed inquiry of Questions** page.

Click the List (Question item): displays **Questionnaire item list** page.

Questions management registration

Business Rule

This stores the basic information of the Questions management. The red star (*) on the right shows the mandatory item.

Related Codes

N/A

Screen and execution manual

1. Question registration

Action	URL	Controller method	QueryID
Save	/uss/olp/qqm/EgovQustnrQestnManageRegist.do	qustnrQestnManageRegist	QustnrQestnManage.insertQustnrQestnManage

설문문항 등록

설문지정보(제목) *	인플레이션 관련 국민 기초 수급 조사
질문순번 *	1
질문유형 *	객관식
질문 내용 *	물가 안정이 가장 필요한 항목은?
최대선택건수 *	1

목록 저장

List: displays **Questions list** page.

Save: stores new questions information with input data.

Questionnaire information (title): opens a questionnaire information popup.

2. Questionnaire popup

번호	설문제목	설문기간	등록자	등록일자	
1	인플레이션 관련 국민 기초 수급 조사	2009-05-01~2009-04-30	박상수	2009-04-28	선택
2	친환경 설문지 관리	2009-04-01~2009-04-10	박상수	2009-04-23	선택
3	대한민국 여성가수 인기도 조사	2009-04-16~2009-04-30	박상수	2009-04-16	선택
4	소녀시대와 원더걸스의 인기도 조사	2009-04-09~2009-04-09	업무담당자	2009-04-09	선택
5	3.1절 특집 대한민국 애국심 조사	2009-04-01~2009-04-24	조재영	2009-04-03	선택
6	개인위생 관련 설문 조사	2010-01-04~2009-03-11	조재영	2009-04-02	선택
7	화생방 훈련 설문조사	2009-04-06~2009-04-23	조재영	2009-04-02	선택
8	봄맞이 설문조사	2008-01-01~2008-01-30	조재영	2009-03-30	선택
9	웰빙관련 설문조사	2008-01-01~2008-01-30	조재영	2009-03-18	선택
10	국민 기초질서 관련 설문조사	2009-04-06~2009-04-18	조재영		선택

1

Select: auto-fills selected **Questionnaire information**.

Questions management update

Business rule

This stores the basic information of the Questions management. The red star (*) on the right of the type shows the mandatory item.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Save	/uss/olp/qqm/EgovQustnrQestnManageModify.do	qustnrQestnManageModify	"QustnrQestnManage.updateQustnrQestnManage"

설문문항 수정

설문지정보(제목) *	인플레이션 관련 국민 기초 수급 조사
질문순번 *	<input type="text" value="1"/>
질문유형 *	<input type="text" value="객관식"/>
질문 내용 *	<input type="text" value="물가 안정이 가장 필요한 항목은?"/>
최대선택건수 *	<input type="text" value="1"/>

Update: updates current question with modified data.

List: displays **Questions list** page.

Detailed inquiry of Questions management list

Business rule

This is the screen by clicking the list from the Questions management list which shows detailed information on the Questions management.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detailed	/uss/olp/qqm/EgovQustnrQestnM	egovQustnrQestnManageDetail	"QustnrQestnManage.selectQustnrQestnManageDetail"

inquiry	anageDetail.do		"
Delete respondent	/uss/olp/qqm/EgovQustnrQestnManageDetail.do	egovQustnrQestnManageDetail	"QustnrQestnManage.deleteQustnrRespondInfo"
Delete questionnaire	/uss/olp/qqm/EgovQustnrQestnManageDetail.do	egovQustnrQestnManageDetail	"QustnrQestnManage.deleteQustnrItemManage"
Delete questionnaire item	/uss/olp/qqm/EgovQustnrQestnManageDetail.do	egovQustnrQestnManageDetail	"QustnrQestnManage.deleteQustnrQestnManage"

④ 설문문항 상세보기

설문지정보(제목) *	인플레이션 관련 국민 기초 수급 조사
질문순번 *	1
질문유형 *	객관식
질문 내용 *	물가 안정이 가장 필요한 항목은?
최대선택건수 *	1

Update: displays Questions update page.

Delete: alerts delete confirm message and allows deletion of questions.

List: displays **Questions list** page.