

# Auto Creation of CRUD programs

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## Summary

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This feature creates automatically a program that enables listing, searching, modifying and removing tables from a database. It is based on eGovFrame framework's MVC development standard, and the resources that get generated are as follows.

### XML

SQLMap: An SQL Map file that holds queries for features such as listing, searching, modifying and deleting table entries.

### JAVA

VO: Value Object class that maps 1:1 with data from databases.  
DAO : Database Access Object class.  
Service: Service Interface class.  
ServiceImpl: Service Implementation class.  
Controller: Controller class.

### JSP

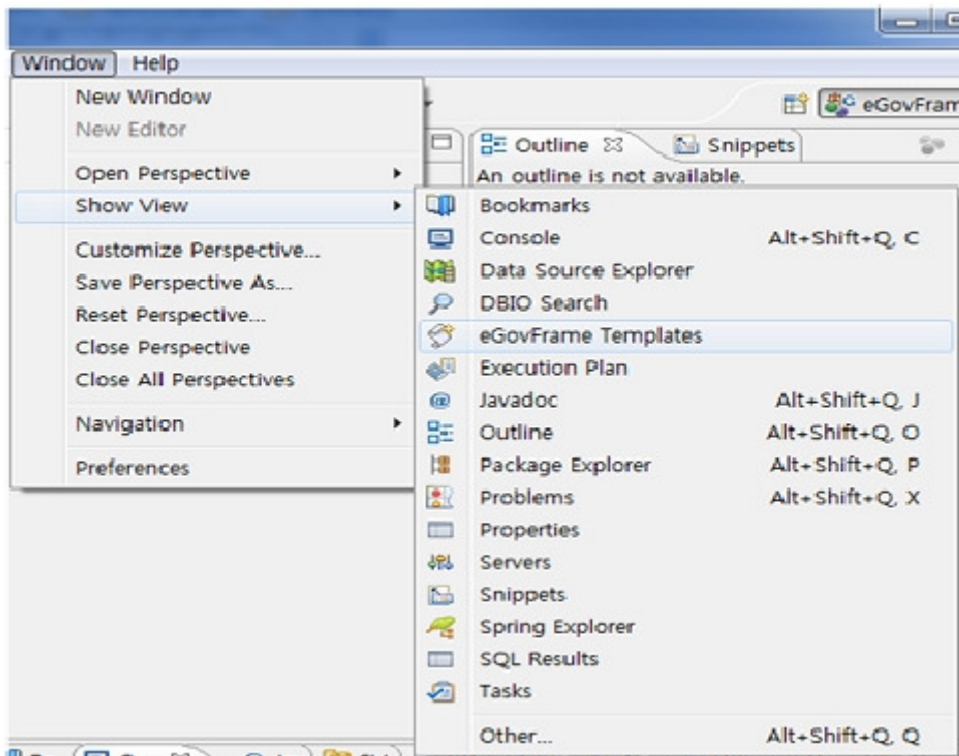
List: listing view.  
Register(Form): detailed view / editing view.

## Manual

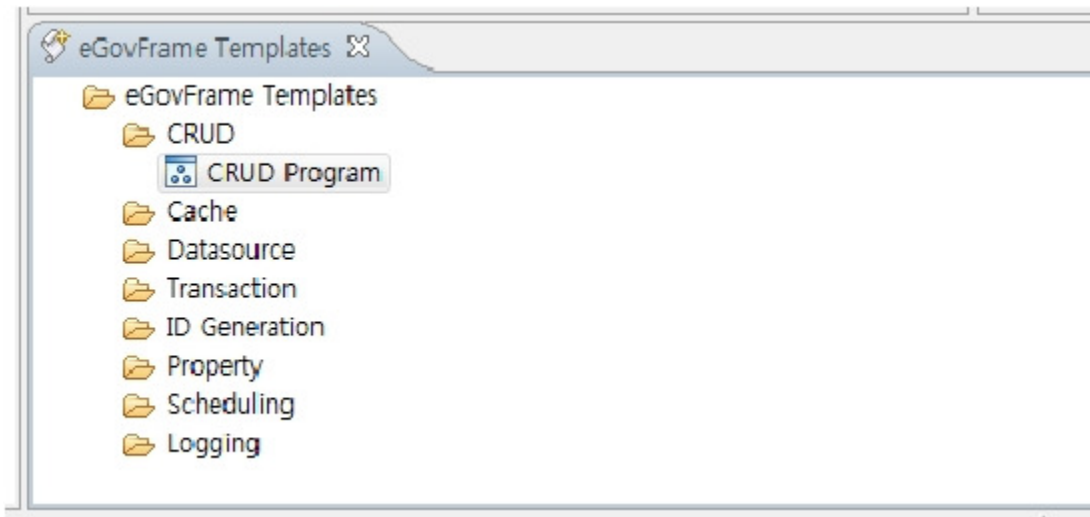
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Choose a project, and proceed as follows.

1. Show Template: Choose the Window>Show View>eGovFrame Templates from the menu.



2. CRUD Template: choose eGovFrame Templates > CRUD > CRUD Program from the eGovFrame Templates View.

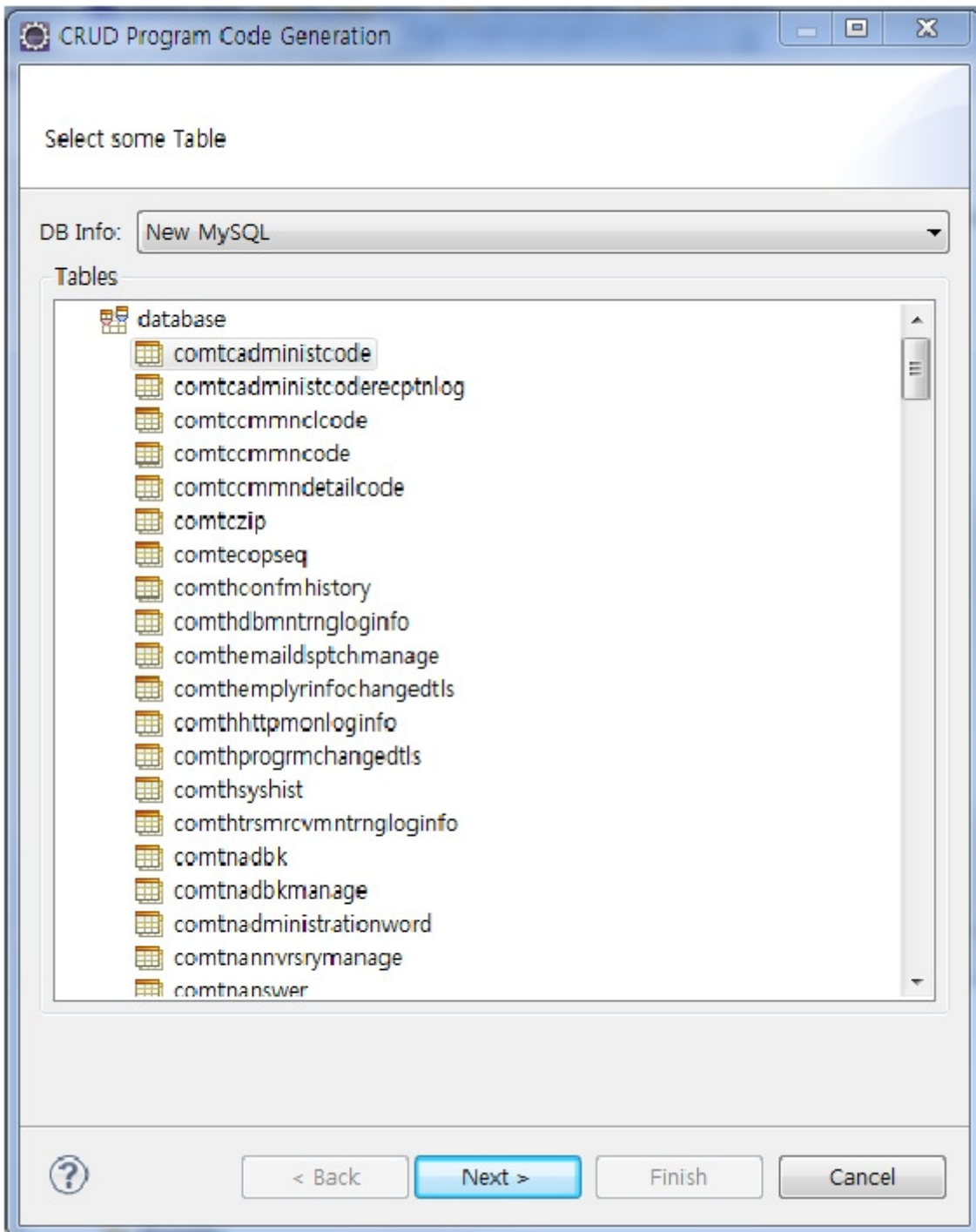


3. Choose a table: connect to a database, and select a table from the list of tables using the choose table wizard. Click Next.

(Database connections: [http://www.egovframe.org/wiki/doku.php?id=egovframework:dev2:imp:editor:dbio\\_editor:data\\_source\\_explorer](http://www.egovframe.org/wiki/doku.php?id=egovframework:dev2:imp:editor:dbio_editor:data_source_explorer)

[[http://www.egovframe.org/wiki/doku.php?id=egovframework:dev2:imp:editor:dbio\\_editor:data\\_source\\_explorer](http://www.egovframe.org/wiki/doku.php?id=egovframework:dev2:imp:editor:dbio_editor:data_source_explorer)]

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4. Choose a resource name, and location. Then click Finish.
  - I. Enter developer information and date
  - II. Choose a directory to save resources, and enter DAO name and VO name
  - III. Enter package names for Service and Service Implementation
  - IV. Web: Choose name for Controller package and also choose a directory to store JSP files

CRUD Program Code Generation

Input resource information

Author : 홍길동

Create Date : 2011.10.06

DataAccess

Create DataAccess:

Resource(SQLMap) Folder: /test.test/src/main/resources/egovframework/sql

DAO Package: egovframework.rte.sample.service.impl

VO Package: egovframework.rte.sample.service

Service

Create Service:

Service Package: egovframework.rte.sample.service

Service Impl Package: egovframework.rte.sample.service.impl




















Web

Create Web:

Controller Package: egovframework.rte.sample.web

JSP Folder: /test.test/src/main/webapp/WEB-INF/jsp/egovframewor

5. Confirm the resource names you chose.

- ▲  src/main/java
  - ▷  egovframework.rte.cmmn
  - ▷  egovframework.rte.cmmn.web
  - ▲  egovframework.rte.sample.service
    - ▷  ComtcadministcodeDefaultVO.java
    - ▷  ComtcadministcodeService.java
    - ▷  ComtcadministcodeVO.java
    - ▷  EgovSampleService.java
    - ▷  SampleDefaultVO.java
    - ▷  SampleVO.java
  - ▲  egovframework.rte.sample.service.impl
    - ▷  ComtcadministcodeDAO.java
    - ▷  ComtcadministcodeServiceImpl.java
    - ▷  EgovSampleServiceImpl.java
    - ▷  SampleDAO.java
  - ▲  egovframework.rte.sample.web
    - ▷  ComtcadministcodeController.java
    - ▷  EgovSampleController.java
- ▷  src/main/resources