

# Mobile Device API New Template Project Wizard

## Outline

- The runtime environment for eGovFramework Mobile Device API provides the developers with the mobile device API template project wizard that can be referred to for mobile application development.

## Description

- The runtime environment of eGovFramework Mobile Device API generates the standards codings and guidance programs for both mobile applications and server applications.
- The Wizard provides the developers with **Standard Codings for the runtime environment of Mobile Device API, Standard Sample Template, and Generate Guide Program Project.**

1. **Configure for a mobile application development project.** (Title of Project, Maven Configuration)
2. **Select Template**(Template Type) - **Choose**
3. **Configure for a server application development project.** (Title of Project, Maven Configuration) - **Choose**
4. **Generate a Table in the customized DB.** (Generate DB Access and Table) - **Choose**

- You're going to use both Maven3 and Android Configurator for M2E in the course of Android application development.

Open Source Plug-in

Plug-in	Description	Remark
M2Eclipse	A plug-in that makes Maven available in the Eclipse environment.	Maven3
Android Configurator for M2E	An integration plug-in intended for ADT and M2Eclipse Maven Plug-in.	

## Installing and Upgrading Plug-in

How to Update Maven

- You need to update Maven when your eGov Standard Framework Runtime Environment is 2.0 or worse
- to allow Maven available in the Eclipse environment.
- **You do not need to proceed with the m2e plug-in where Maven3 plug-in is available.**
- [How to Update Maven](#)

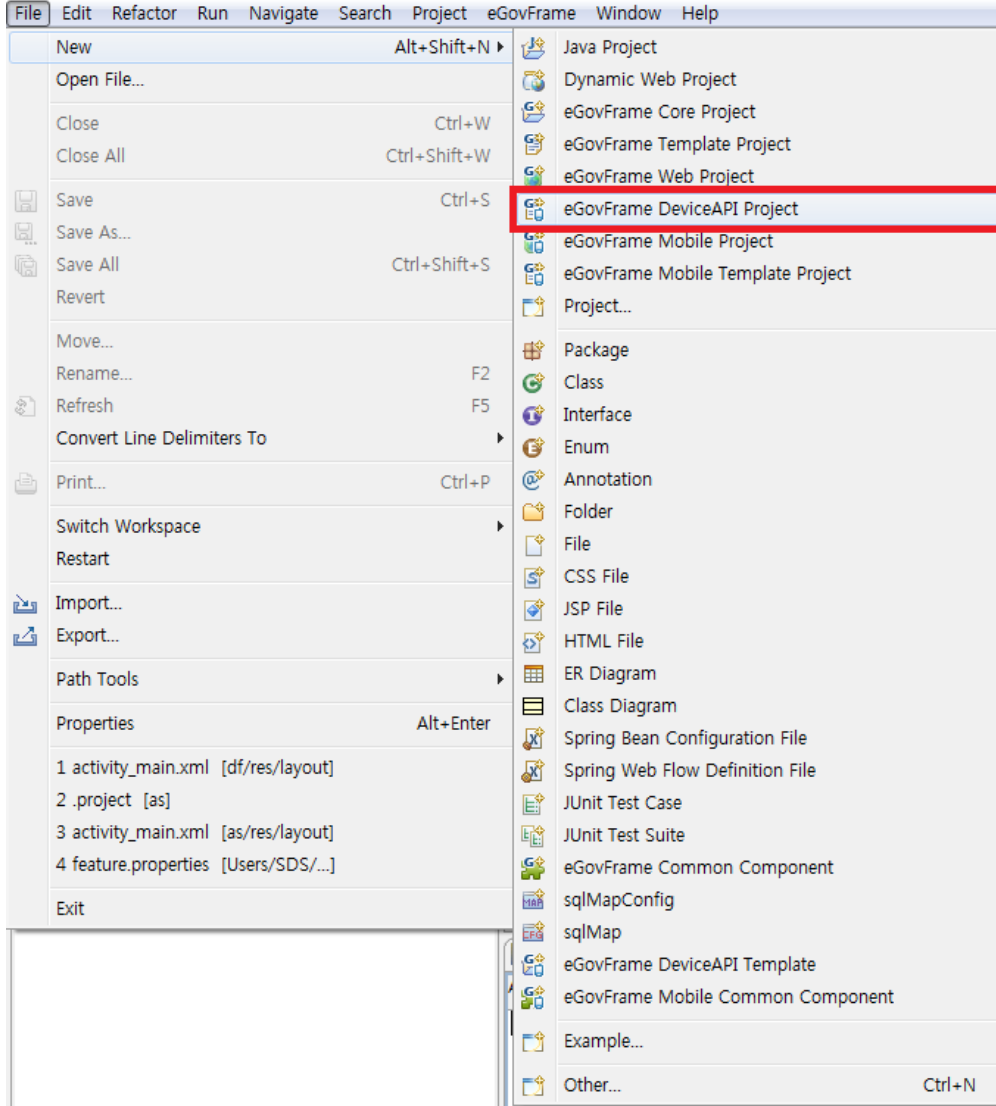
How to install Android Configurator for M2E Plug-in

- A plug-in intended for link between ADT and M2Eclipse Maven plug-in.
- **You'll need to install plug-in when Maven update is complete.**
- [How to install Android Configurator for M2E](#)

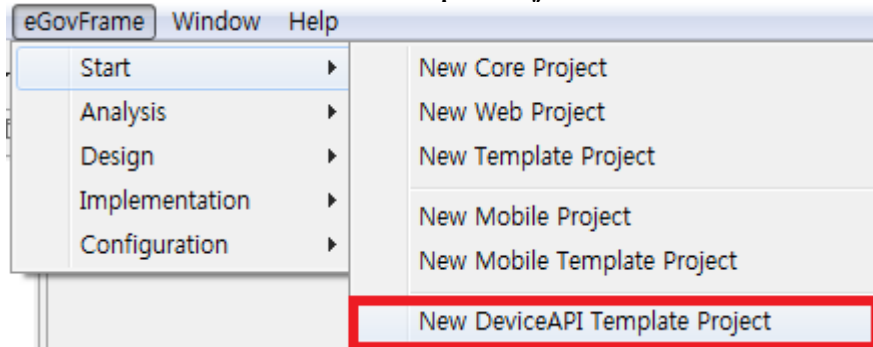
# How to Use

## Getting Started

- **File > New > eGovFrame DeviceAPI Project**



- **eGovFrame > Start > New DeviceAPI Template Project**



Generate a Project

**Generate Coding Project in Runtime Environment for Mobile Device API**

1. **Input Project Name and Configure Maven**

New DeviceAPI Template Project

**eGovFrame DeviceAPI Project**  
eGovFrame DeviceAPI Project를 생성합니다.

Project name : eGovDeviceAPI

Contents

Use default Workspace location

Location: C:\test\workspace\#eGovDeviceAPI Browse...

DeviceAPI Device Application

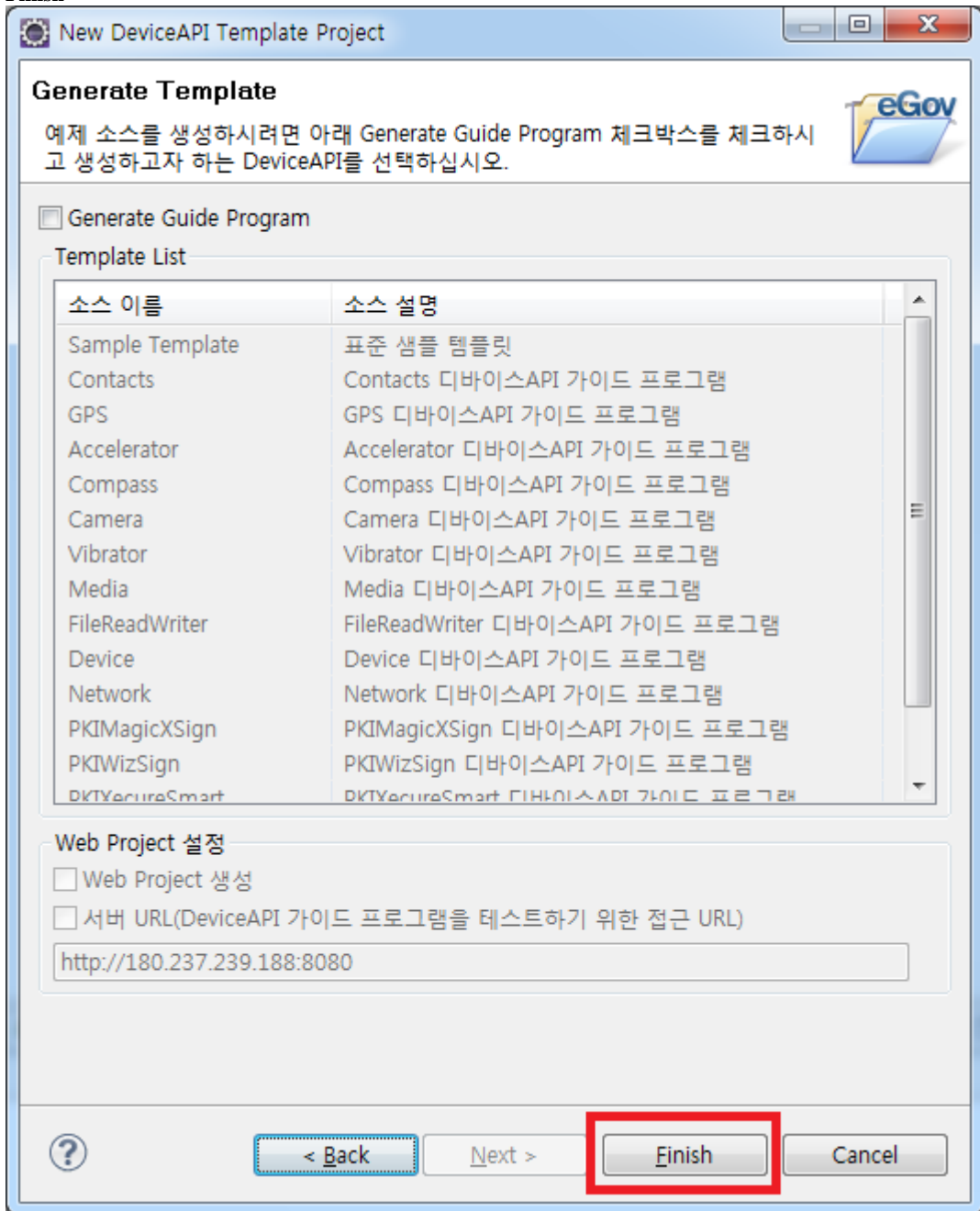
Group Id : eGovDeviceAPI

Artifact Id : eGovDeviceAPI

Version : 1.0.0

< Back **Next >** Finish Cancel

2. **Finish**



## Generate a Mobile Device API standard template project

### 1. Input Project Name and Configure Maven

**New DeviceAPI Template Project**

**eGovFrame DeviceAPI Project**  
eGovFrame DeviceAPI Project를 생성합니다.

Project name : eGovDeviceAPI

Contents

Use default Workspace location

Location: C:\test\workspace\#eGovDeviceAPI

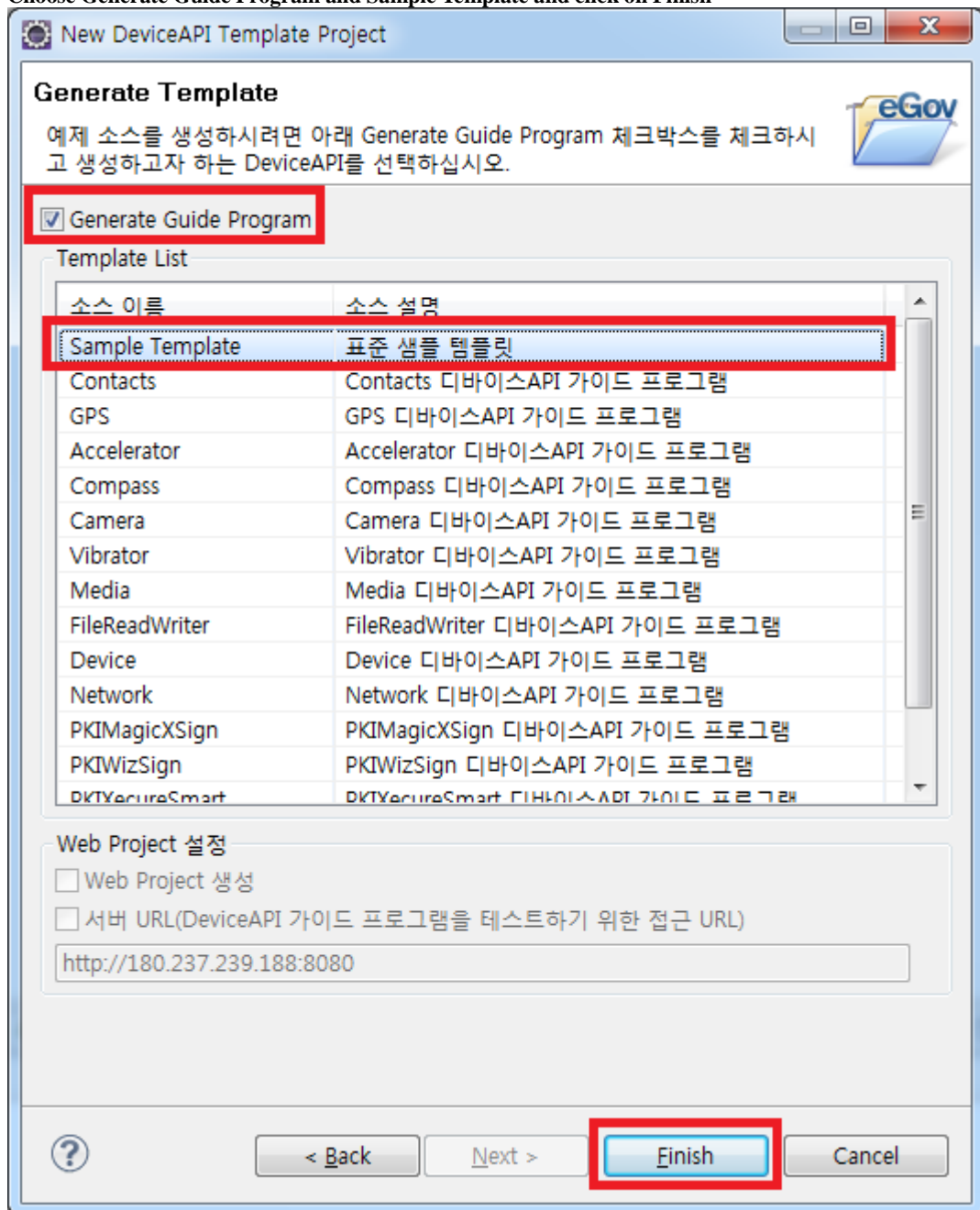
DeviceAPI Device Application

Group Id : eGovDeviceAPI

Artifact Id : eGovDeviceAPI

Version : 1.0.0

2. Choose Generate Guide Program and Sample Template and click on Finish



**Generate a project in Mobile Device API Guide Program**

- Where necessary, you can either generate the Web Project in eGovStandard Framework 2.0
- or cause the server information registered in Device API Mobile Application to be developed by way of Server URL when you don't want to develop a Web Project.
- Note that a Web Project, once generated, covers the entirety of 15 eGovframework Device API Guide Programs.

1. **Input Project Name and Configure Maven**

New DeviceAPI Template Project

**eGovFrame DeviceAPI Project**  
eGovFrame DeviceAPI Project를 생성합니다.

Project name : eGovDeviceAPI

Contents

Use default Workspace location

Location: C:\test\workspace\#eGovDeviceAPI Browse...

DeviceAPI Device Application

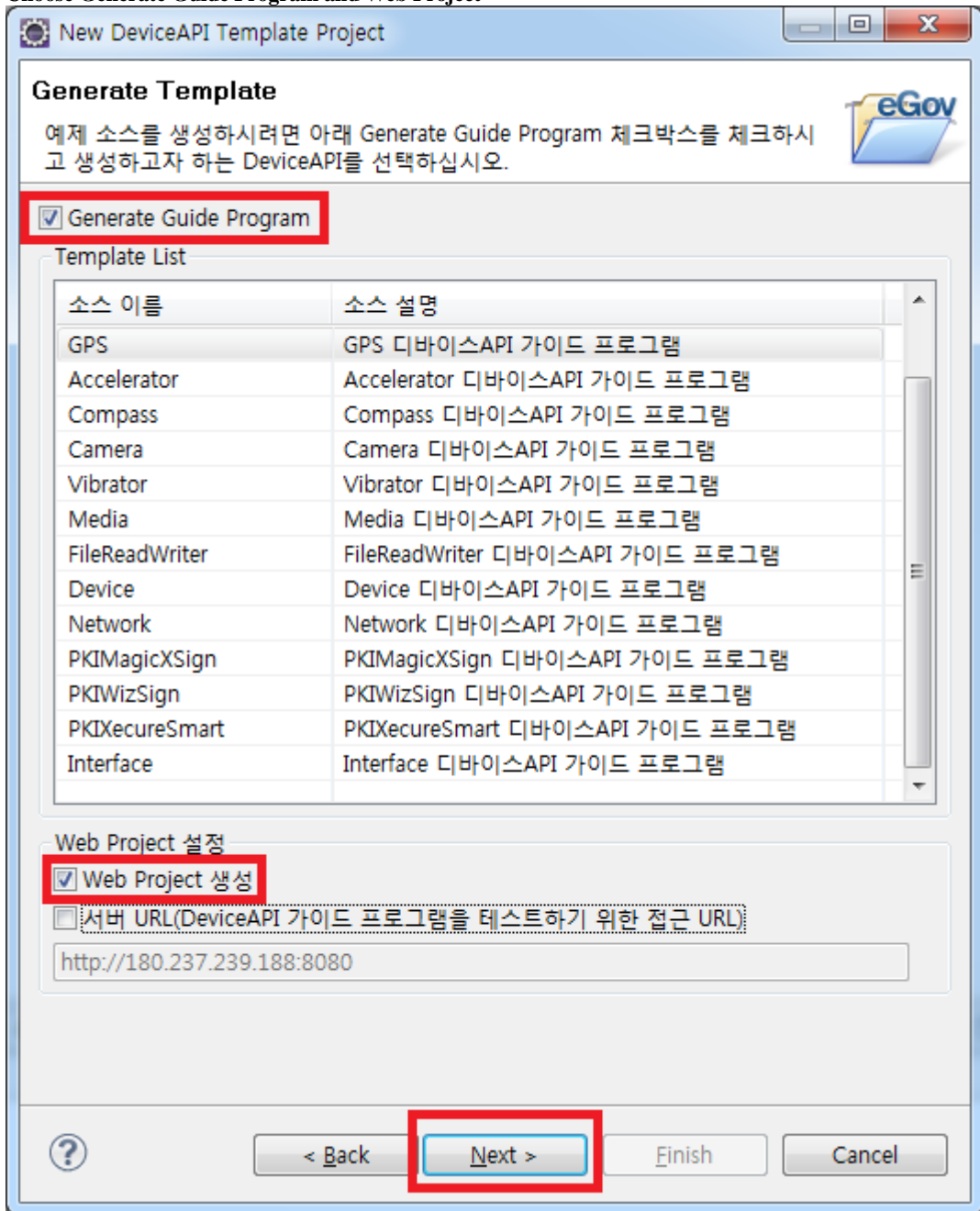
Group Id : eGovDeviceAPI

Artifact Id : eGovDeviceAPI

Version : 1.0.0

< Back Next > Finish Cancel

2. Choose Generate Guide Program and Web Project





3. **Input Project Name and Configure Maven**

**New DeviceAPI Template Project**

**eGovFrame DeviceAPI Web Project**  
DeviceAPI 가이드 프로그램을 테스트하기 위한 웹 프로젝트를 생성합니다.

Project name : egovDeviceWeb

Contents

Use default Workspace location

Location: C:\test\workspace\egovDeviceWeb Browse...

Target Runtime

<None> New...

Dynamic Web Module version

2.5

DeviceAPI Device Application

Group Id : egovDeviceWeb

Artifact Id : egovDeviceWeb

Version : 1.0.0

Select Table Creation Type

생성하지 않음(기본설치)

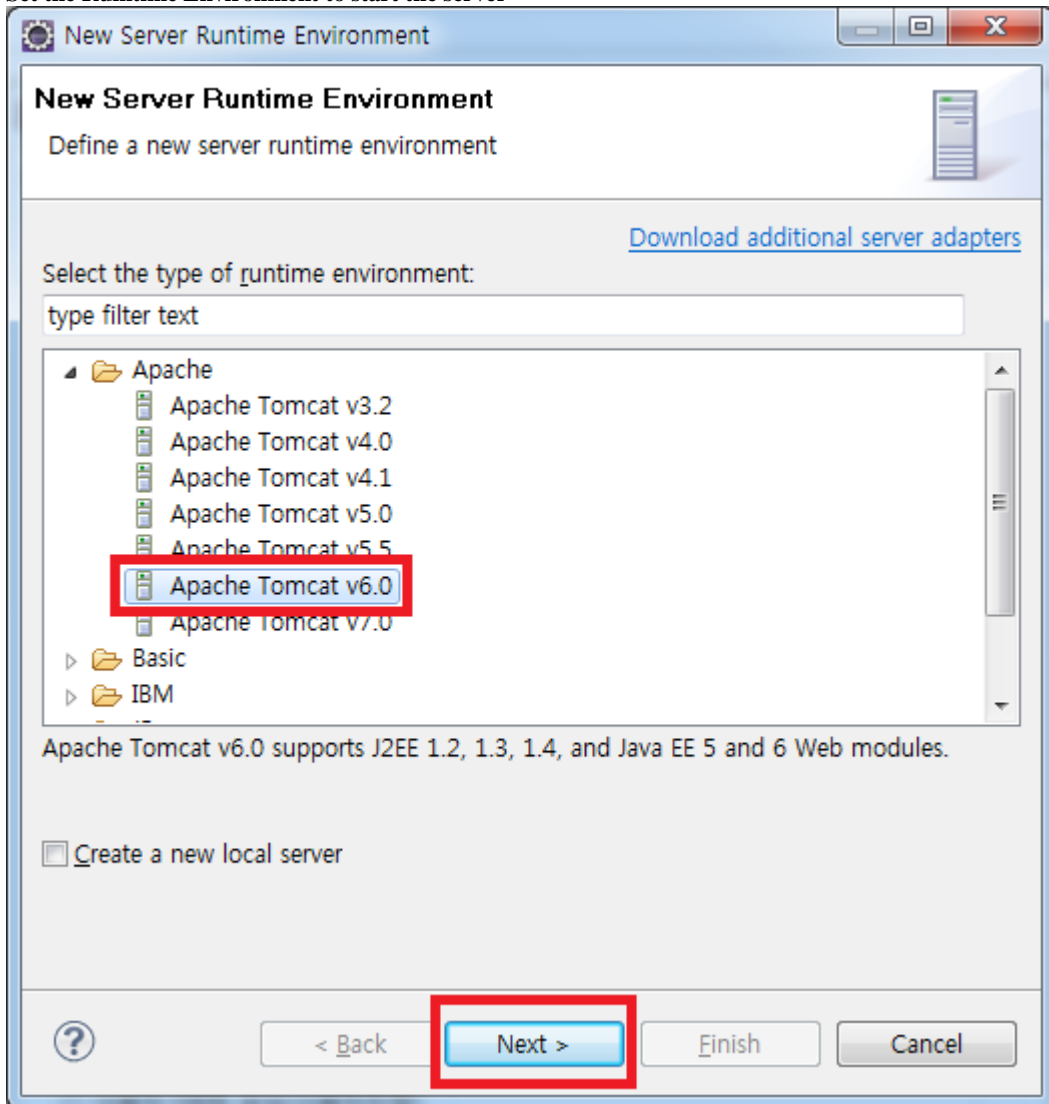
사용자 DB에 생성(사용자지정)

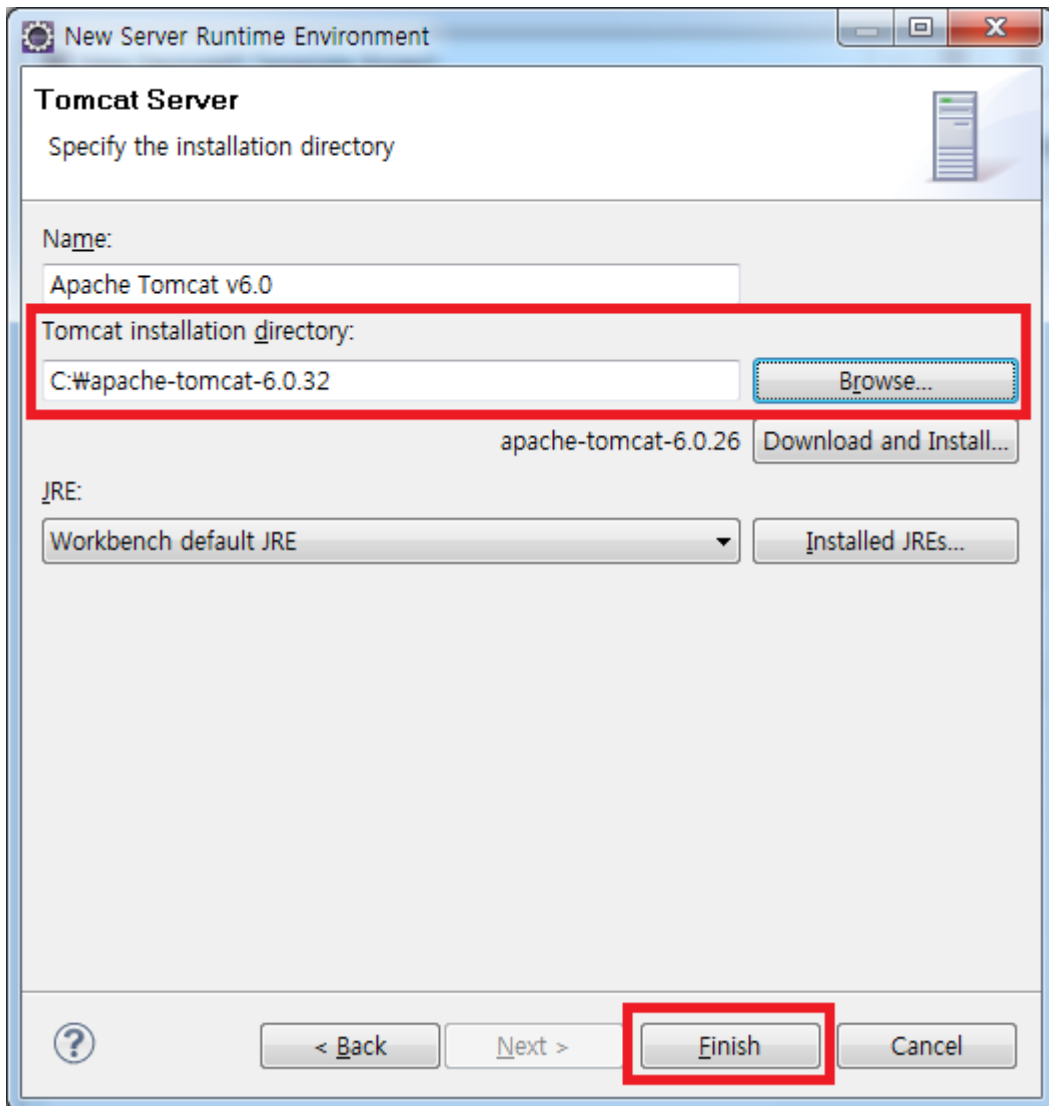
설명

테이블을 생성하지 않고 소스만 생성합니다.

< Back Next > Finish Cancel

4. **Set the Runtime Environment to start the server**





5. **Generate a Project**

**New DeviceAPI Template Project**

**eGovFrame DeviceAPI Web Project**

DeviceAPI 가이드 프로그램을 테스트하기 위한 웹 프로젝트를 생성합니다.

Project name : egovDeviceWeb

Contents

Use default Workspace location

Location: C:\test\workspace\egovDeviceWeb Browse...

**Target Runtime**

Apache Tomcat v6.0 New...

Dynamic Web Module version

2.5

DeviceAPI Device Application

Group Id : egovDeviceWeb

Artifact Id : egovDeviceWeb

Version : 1.0.0

Select Table Creation Type

생성하지 않음(기본설치)

사용자 DB에 생성(사용자지정)

설명

테이블을 생성하지 않고 소스만 생성합니다.

**Finish** < Back Next > Cancel

**Generate a Table in the customized DB**

- While generating a Web Project, you can generate the table intended for access to guidance program database.
- [See Introduction to Data Source Explorer for more information.](#)
- Note that eGovFramework is compatible with **MySQL, Oracle, Altibase and Tiberio**.

1. Choose Generate (Custom) in User DB.

New DeviceAPI Template Project

### eGovFrame DeviceAPI Web Project

DeviceAPI 가이드 프로그램을 테스트하기 위한 웹 프로젝트를 생성합니다.

Project name : egovDeviceWeb

Contents

Use default Workspace location

Location: C:\test\workspace\egovDeviceWeb

Target Runtime

Apache Tomcat v6.0

Dynamic Web Module version

2.5

DeviceAPI Device Application

Group Id : egovDeviceWeb

Artifact Id : egovDeviceWeb

Version : 1.0.0

Select Table Creation Type

생성하지 않음(기본설치)

사용자 DB에 생성(사용자지정)

설명

사용자 DB 테이블 생성 페이지로 이동합니다.

< Back Next > Finish Cancel

2. In DatabaseSource Explorer, Choose the DB Access Information and try out testing.

**Customize Table Creation**  
DeviceAPI 가이드 프로그램에서 사용하는 테이블을 생성합니다.

Select DB : **New MySQL**

Datasource

DB Type : mySql

Driver Class Name : com.mysql.jdbc.Driver

URL : [Redacted]

User name : [Redacted]

PassWord : [Redacted]

**Connection Test** Create Table

Create Table

테이블명	설치 결과	테이블 설명
FILE_DETAIL_INFO		파일 상세 정보 관리
ACCELERATOR		가속도 정보 관리
CAMERA		이미지 정보 관리
CODE		공통 코드
COMTECOPSEQ		Id Generation 관리
COMPASS		방향 정보 관리
CONTACT_INFO		연락처 정보 관리

< Back Next > Finish Cancel

3. When the access to database has been established, create a table.

**Customize Table Creation**

Database에 성공적으로 접속하였습니다.

Select DB : New MySQL

Datasource

DB Type : mySql

Driver Class Name : com.mysql.jdbc.Driver

URL : [REDACTED]

User name : [REDACTED]

PassWord : [REDACTED]

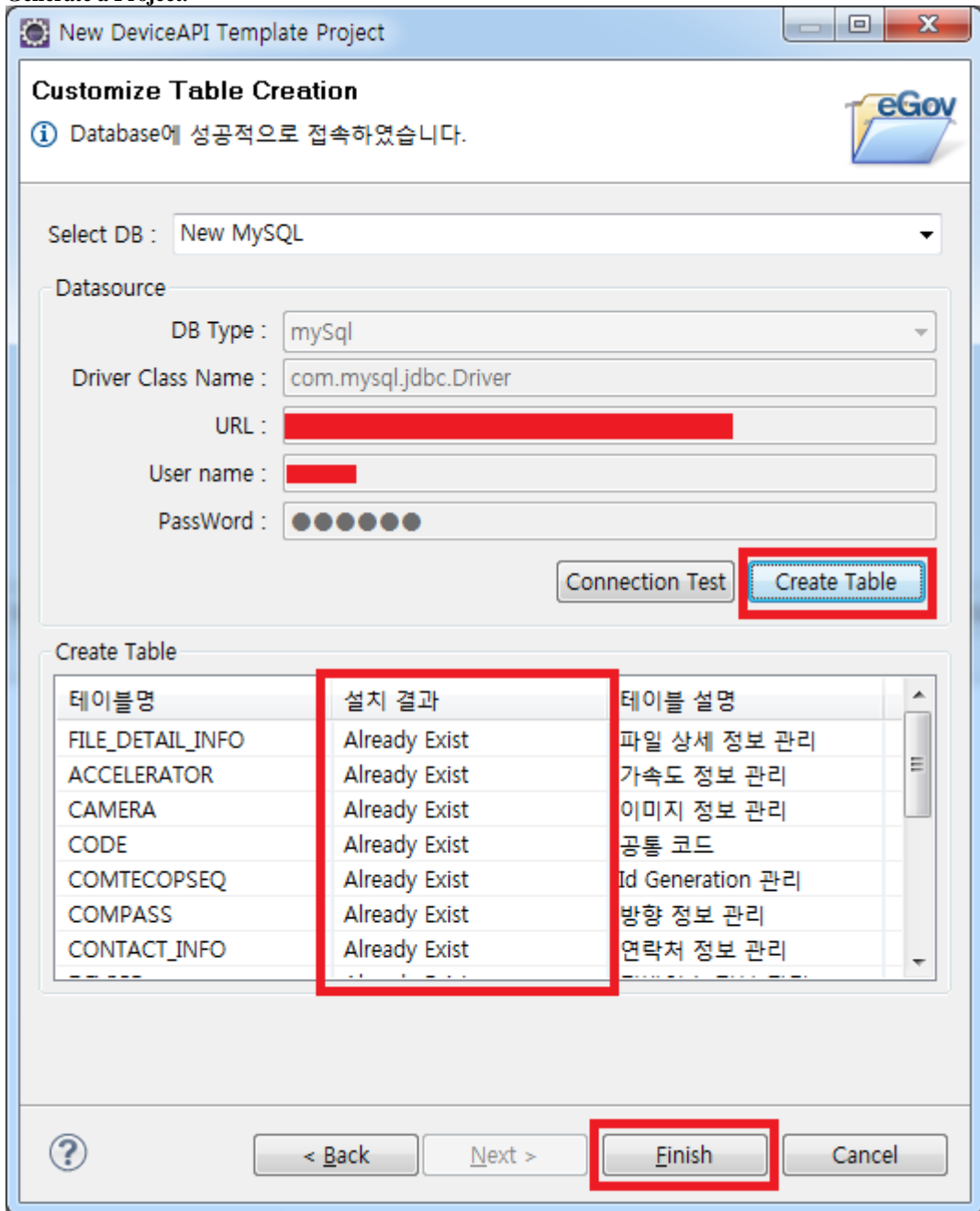
Connection Test Create Table

Create Table

테이블명	설치 결과	테이블 설명
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CODE		공통 코드
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COMPASS		방향 정보 관리
CONTACT_INFO		연락처 정보 관리

< Back Next > Finish Cancel

4. **Generate a Project.**





Check the Project is generated and run without trouble.

- Check the mobile application project and web project are generated in Mobile Device API.

