

# DeployJOA User Guide

Java Build Personal Project

**PROJECTJOA**

# DeployJOA User Guide

## Java Build Personal Project

### Overview

This is Java Build Control tools. It supports web application build and deploying.

### Specification

- Only Java project
- Java 1.7 or later
- Ant or Maven Project

### NOTICE

- Not support total source project files but support partial revision file build and deploying.
- If you want to deploy total source files, use the initial generated files (After project Activation)

### HOW TO INSTALL

- Download DeployJOA-beta.war
- Download Apache-Tomcat.7 (or later)
- Unzip DeployJOA-beta.war and then put unzipped files to Apache-Tomcat.7/webapps/ROOT
- Modify D:\apache-tomcat-7.0.82\webapps\ROOT\WEB-INF\classes\config\props\hsqldb.properties
  - Globals.hsqldb.file=D:/apache-tomcat-7.0.82/webapps/ROOT/WEB-INF/classes/db/deployjoa\_db.sql
  - Globals.hsqldb.port=9002
- Start Apache-Tomcat.7

### Guide1.1 Project List

DeployJOA						
Home >> Target Project Manage.						
Target Project Manage.						
Project Register						
No.	Project Name	Final Deploy Ver.	Final State	Final Deploy Time	Build Manage.	Version View
1	<a href="#">Project1</a>	152,151	COMPLETE	2017-10-23 16:30	<a href="#">Build List</a>	<a href="#">Ver. View</a>
2	<a href="#">Project2</a>	2672	COMPLETE	2017-10-20 15:26	<a href="#">Build List</a>	<a href="#">Ver. View</a>
1						
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This page shows registered project list for build control.

- Project Registered (Button): Configuring project
- Project Name (List item) : Configuring registered project.
- Build Manage.(List item) : Go to build managing page.
- Versions View(List item) : Go to version list page connected by SVN

## Guide1.2 Project Configuration

**DeployJOA**

Home >> Target Project Manage. >> Project Register

### Project Register

Target System register \* Required fields

Project Name *	<input type="text"/>	Domain *	<input type="text"/>
project ID *	<input type="text"/>	project Version *	<input type="text"/>

Source Version Management

Version Manage. *	SubVersion ▼
Repository URL *	<input type="text"/>
Port *	<input type="text"/>
CI User ID *	<input type="text"/>
CI User Passwd *	<input type="text"/>

Deploy Setting

Build Target Path *	<input type="text"/>
Deploy Output Dir. (webapps) *	<input type="text"/>
Build Type	<input type="radio"/> ant <input type="radio"/> maven
Build Ref File	<div>파일 선택    선택된 파일 없음</div> <div><input type="text"/></div>
	<div>Sample File Download</div> <div>* download sample file, modify build properties and then upload that file.</div>

Save    Cancel

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Configuring a project for build control. Project Information, SVN URL, Build information

### Target System Register

- Project Name : Input a project Name shown in project list page.
- Domain : Input used domain for this project.
- Project ID : Input the project id for Build Control. If it is maven project, input the artifactId value in pom.xml
- Project Version : Input the project version (ex : 1.0.0). If it is maven project, input the version value in pom.xml

### Source Version Management

- Version Manage. : Supporting Only SVN.
- Repository URL : Input SVN Project URL.

- Port (Optional) : Input SVN Service Port.
- CI User ID : Input SVN User ID.
- CI User Passwd : Input SVN User Passwd.

### Deploying Setting

- Build Target Path : Input build target base directory path.
- Deploy Output Dir. : Input output directory paty after version build.
- Build Type : Choose build type , Ant or Maven Builder.

(If Maven Builder, it should be deployed as a war file)

- Build Ref File : Attach a build reference file.

Download a sample file and then modify that file, and upload the modified sample file.

```
<?xml version="1.0"?>
<project basedir="." name="DeployJOA_prop" default="dummy1">
  <!-- Description
    DeployJOA build property file
    don't add any property node, just modify values of property
  -->
  <property name="java_home.dir" value="C:/sprout/Java/jdk1.7.0_79"/> <!-- java home path -->
  <property name="webapp.dir" value="C:/sprout/apache-tomcat-7.0.67"/> <!-- was server path -->
  <property name="webroot" value="src/main/webapp"/> <!-- source webroot path -->
  <property name="srcdir" value="src/main/java"/> <!-- java source path -->
  <property name="resources_srcdir" value="src/main/resources"/> <!-- resources source path (xml, properties files , etc -->
  <property name="encode_type" value="UTF-8"/> <!-- compile encoding -->
  <property name="target" value="1.7"/> <!-- java compile version -->
  <property name="source" value="1.7"/> <!-- java source version -->
  |
  <target name="dummy1"/>
</project>
```

*Description of Build Ref File.*

- Java\_home.dir : Java Home path or java path for Build.
- webapp.dir : Web Application Server path (ex : tomcat service path )
- srcdir : java source path
- resources\_srcdir : resource directory path
- encode\_type : encoding type for build. (ex : UTF-8)
- target : java version for generated .class file compatibility.
- source : java version for source compatibility.

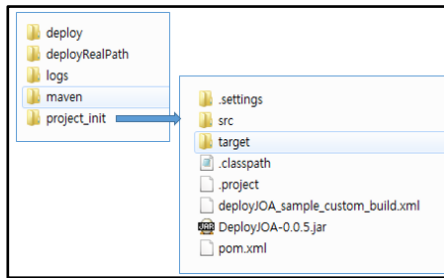
## Guide1.3 Project Activation

DeployJOA						
<a href="#">Home</a> >> <a href="#">Target Project Manage.</a>						
Target Project Manage.						Project Register
No.	Project Name	Final Deploy Ver.	Final State	Final Deploy Time	Build Manage.	Version View
1	<a href="#">Project1</a>	152,151	COMPLETE	2017-10-23 16:30	<a href="#">Build List</a>	<a href="#">Ver. View</a>
2	<a href="#">Project2</a>	2672	COMPLETE	2017-10-20 15:26	<a href="#">Build List</a>	<a href="#">Ver. View</a>
3	<a href="#">DeployJOA</a>					<a href="#">Activate</a>

This step is activating the registered project.

- **Activate** : get source files from SVN Repository than perform initial compilation.

The project source files is added and compiled files are generated in Build Target Path.



- **Build List** : Go to target SVN version list page for compilation
- **Ver. View** : Go to SVN Revision list page.

## Guide2.1 Build List

DeployJOA

[Home](#) >> Build List

Build List

Project Name

DeployJOA

Domain

openprojectjoa.wixsite.com

Final build Ver.

Build Register

Ver.	Deploy Name	Versions	File Count	WAS Restart(Y/N)	Build State	Build Time	Etc
2	<a href="#">project_modify_1</a>	4	2	N	<a href="#">Do Build</a>		

1

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This is build list page for compiling selected revisions.

- **Build Register (Button)** : Go to revision select page to compile.
- **Deploy Name** : Build Title
- **Versions** : selected SVN Revisions.
- **File Count** : selected source file count
- **WAS Restart(Y/N)** :
- **Build Status** : It shows build version status. ([Do Build](#), [ReBuild](#), [Build Comp](#))
  - Do Build* – wait on building
  - ReBuild* – wait on re-building
  - Build Comp* – build complete
- **Build Time** : If build version is complete, the build time is shown.

## Guide2.2 Build Register

DeployJOA

Home >> Build List >> Build Register

### Build Register

Build register

Deploy Name \*

WAS Restart(Y/N) \* ☐ Restart ☒ None

Target Versions \*  Version Select

Selected Version List

Ver.	Comment	File Count	Author	Reg. Date	Del
4	list content modify	2	projectjoa	2017.10.25 09:34:21	<a href="#">Delete</a>
5	add deploy log	1	projectjoa	2017.10.25 09:49:56	<a href="#">Delete</a>

Save Cancel

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This is SVN Revision select page for partial compilation.

- Deploy Name : Input Build Title.
- WAS Restart(Y/N) : Was Restart need or not in deploying build version files
- Target Versions : selected SVN Revisions.
- Ver. (List Item) : SVN Revision.
- Comment (List Item) : SVN Revision comment.
- File Count (List Item) : source file count of the revision.
- Del (List Item) : Delete the revision from build version.

## Guide2.3 Partial Build and download generated files.

DeployJOA

Home >> Build List

### Build List

Project Name	DeployJOA						
Domain	openprojectjoa.wixsite.com						
Final build Ver.	5						

Build Register

Ver.	Deploy Name	Versions	File Count	WAS Restart(Y/N)	Build State	Build Time	Etc
2	<a href="#">project modify 1</a>	5	3	N	Build Comp.	2017-10-25 09:52	<a href="#">Log View</a>   <a href="#">Deploy Files</a>   <a href="#">reBuild</a>

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Refer to Guide2.1 Build List. If the build is complete, Log View | Deploy files | rebuild buttons is shown.

- Log View : show the compile system log.
- Deploy File : download generated files of the build version.

( DeployJOA\_files\_2.zip )

- rebuild : compile again.