

Procedure of development environment construction(for windows) beta_0.1.0

◆Outline

This document explains the procedure to construct of environment for making a website with “Web App OS-WAO-”.

◆Revision History

2014/03/25 new create

◆Running Environment

WAO needs the following a software to run on at least.

- JDK7
- Apache Ant1.9.2
- Tomcat 7
- PostgreSQL9.2

1. Download a wao_all_beta_0_1_X.zip from sourceforge
<https://sourceforge.jp/projects/web-app-os/releases/>
2. Extract to htdocs in Apache and change the folder name to the context name of the site
3. Construct a database

3-1. Create a ‘user’ and ‘database’ named same as context name

3-2. Create a system table of WAO on the database that you created at 3-1
At this time, ‘OWNER’ should be same as ‘user’ which you create at 3-1.
[Arbitrarily folder]\site\db\sql\webappos_ddl.sql

4. Alter the setting folder

4-1. Set WAO

[Arbitrarily folder]\site\conf\wao_config.ini

[WebAppOS Settings]
enable_SSI: If you implement HTML file with Apache using SSI, you should turn ‘ON’.
In other case, turn ‘OFF’.
webapps_path = the place of WAO’s system file outside of web

[Environment Settings]
ant_home = the directory in which ‘Ant’ was installed.
tomcat_home = the directory in which ‘Tomcat’ was installed.

4-2. Change the setting for the website

[Arbitrarily folder]\site\conf\default\site_config.ini

[App Base Settings]
context.mode: If you include the context name in URL of your website, should be ‘true’.
In other case, should be ‘false’.
root.package: AS a rule of naming Java package*
*Start from it reversed the order of a name of top level domain and sub main
list.
[DB Settings]
password = the password of database created at 4.

5. Create and place files of HTML,CSS and JS
[An arbitrarily folder]\site\html
[An arbitrarily folder]\site\web
6. Bury attribute in HTML
For details about attribute, see another sheet.
7. Execute a batch processing of website construction
[An arbitrarily folder]\wao\bin\deploy.bat

8. Access from a browser
`http://localhost:8080/'context name'/`

◆Minor update

1. Download `wao_all_binary_0_1_X.zip` from sourceforge
`https://sourceforge.jp/projects/web-app-os/releases/`
2. Place a library
[An arbitrarily folder]\wao\lib
*delete an old 'jar' file.
3. Alter setting file of WAO
[An arbitrarily folder]\site\conf\wao_config.ini
wao_verion: Alter to the version of WAO you acquired.

◆Folder construction

```
[context name]
├─site
│   └─conf place setting files in
│       ├──default place setting files for development environment in
│       ├──product place setting files for production environment in
│       └─stage place setting files for test environment in
├─db
│   └─mapper If you create sql by your own, place Mapper files that describe sql with
MyBatis in
│   └─sql place sql files in
├─html place html include attribute created by yourself in*
│   └─*place index.html necessarily in
├─include If you use SSI, place include files in
├─mail place mail template_files in
├─web *The folder construction is flexible here.
│   ├──css place stylesheets in
│   ├──img place image resource in
│   └─js place javascript file in
```

That's all.