

## Revision information

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Revision date	Revision contents
2014-01-01	Initial version

## Index

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### Introduction

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#### Purpose of this document

IM-FormaDesigner for Accel Platform setup procedure is described in this document.

#### Pre-requisites

The system requirements mentioned in release note should be met.

Refer "IM-FormaDesigner for Accel Platform Release note (Japanese)" for details.

#### Target readers

The following are the target users.

- Person performing IM-FormaDesigner for Accel Platform setup

#### Glossary

The directory in which Resin is installed is abbreviated as %RESIN\_HOME%.

The directory in which Apache HTTP Server is installed is abbreviated as %APACHE\_HOME%.

The directory to be used as Storage is abbreviated as %STORAGE\_PATH%.

The directory in which static contents are placed while using Web server is abbreviated as %WEB\_PATH%.

## Server configuration

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### About server configuration

IM-FormaDesigner for Accel Platform is a module which operates on intra-mart Accel Platform.

Refer the "Server configuration" section of "intra-mart Accel Platform Setup guide" for details.

## Setup Guide

### Various installations/setting changes

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Perform the following installations and settings required in IM-FormaDesigner for Accel Platform setup.

#### Windows edition

##### Installation of Resin (Windows version)

Refer "Various installations and changes in settings" section of "intra-mart Accel Platform Setup guide" for details.

##### Installation of wkhtmltopdf (Windows version)

#### Item

- Acquisition of Installer
- Installation
- Checking after installation

It is required to install "wkhtmltopdf" to use PDF output function in IM-FormaDesigner for Accel Platform.

Moreover, if intra-mart Accel Platform is created in distributed environment, it is required to install in each application server.

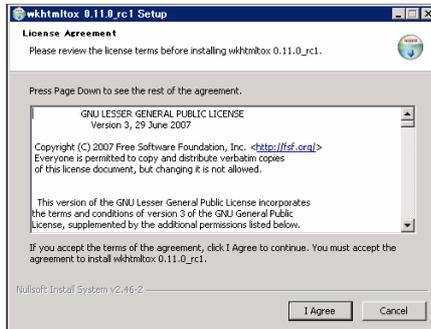
## Acquisition of Installer

Download "wkhtmltopdf" installer from the following URL.

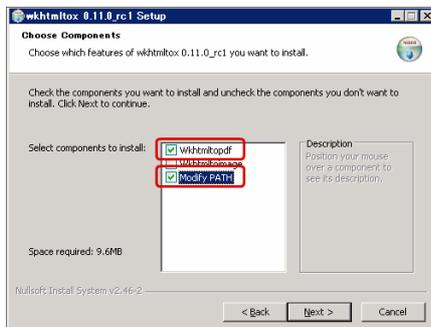
[http://wkhtmltopdf.googlecode.com/files/wkhtmltox-0.11.0\\_rc1-installer.exe](http://wkhtmltopdf.googlecode.com/files/wkhtmltox-0.11.0_rc1-installer.exe)

## Installation

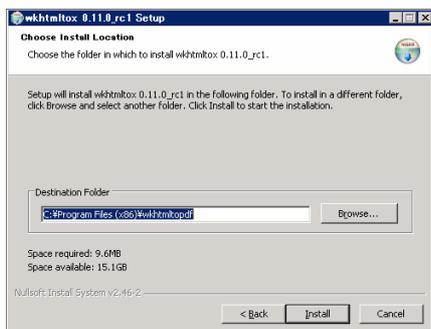
1. Run the downloaded "wkhtmltox-0.11.0\_rc1-installer.exe".
2. Click "I Agree" on the license agreement screen.



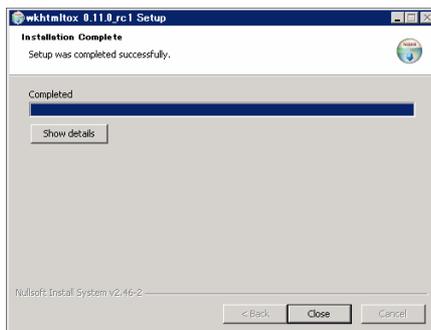
3. In component selection, select the check of "Wkhtmltopdf" and "Modify PATH" to ON and click "Next".



4. Specify the installation destination folder "Destination Folder". If it is not specified, click "Install" as the default value.



5. When installation is complete, click the "Close" button.

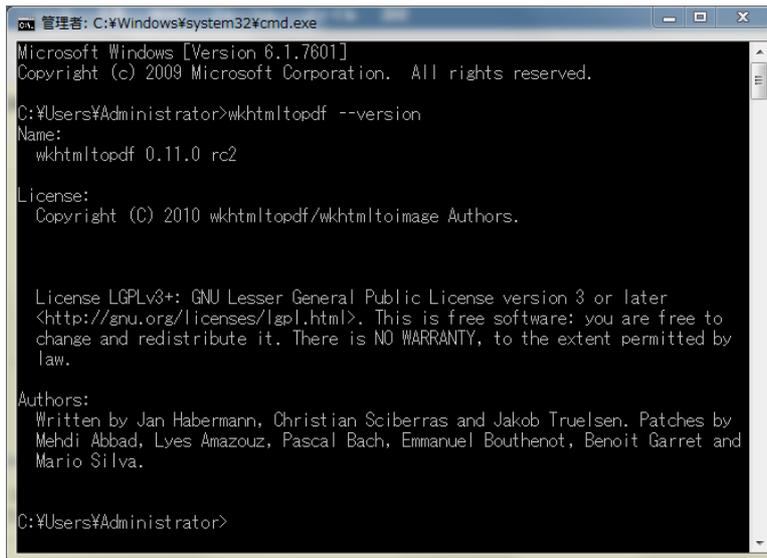


## Checking after installation

1. Ensure that the installation is completed normally.
2. Enter next command at the command prompt.

```
wkhtmltopdf --version
```

3. The installation is completed normally if the display is as per the following screen.



```

管理: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>wkhtmltopdf --version
Name:
  wkhtmltopdf 0.11.0 rc2

License:
  Copyright (C) 2010 wkhtmltopdf/wkhtmltoimage Authors.

License LGPLv3+: GNU Lesser General Public License version 3 or later
<http://gnu.org/licenses/lgpl.html>. This is free software: you are free to
change and redistribute it. There is NO WARRANTY, to the extent permitted by
law.

Authors:
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  Mehdi Abbad, Lyes Amazouz, Pascal Bach, Emmanuel Bouthenot, Benoit Garret and
  Mario Silva.

C:\Users\Administrator>

```

## Linux edition

### Installation of Resin (Linux version)

Refer “Various installations and changes in settings” section of “intra-mart Accel Platform Setup guide” for details.

### Installation of wkhtmltopdf (Linux version)

#### Item

- **Check environment variables**
- **Installer**
- **Installation**
- **Checking after installation**

It is necessary to install “wkhtmltopdf” to use the PDF output function in | IM-FormaDesigner for Accel Platform. The procedure to install “wkhtmltopdf” in /usr/local/bin is described below.

Moreover, if intra-mart Accel Platform is created in distributed environment, it is required to install in each application server.

#### Check environment variables

Check if /usr/local/bin is included in environment variable PATH. Add it if it is not included.

```
$ echo $PATH
```

#### Installer

Download “wkhtmltopdf” installer from the following URL.

<http://wkhtmltopdf.googlecode.com/files/wkhtmltopdf-0.9.9-static-amd64.tar.bz2>

#### Installation

1. Place the downloaded “wkhtmltopdf-0.9.9-static-amd64.tar.bz2” in /usr/local/.
2. Extract the compressed file.

```
$ tar jxf wkhtmltopdf-0.9.9-static-amd64.tar.bz2
```

3. Create symbolic link by the name “wkhtmltopdf” for execution file “wkhtmltopdf-amd64”.

```
$ ln -s wkhtmltopdf-amd64 wkhtmltopdf
```

#### Checking after installation

1. Check that installation is completed normally.

```
$ wkhtmltopdf --version
```

2. Check that the version information is displayed as follows.

※Irrespective of version 0.9.9 installed on 2012/10/01, it is checked that wkhtmltopdf 0.9.6 is output for 'Name' in our company.

```
[foo@redhat src]$ wkhtmltopdf --version
Unknown long argument --version

Name:
wkhtmltopdf 0.9.6

Synopsis:
wkhtmltopdf [OPTIONS]... <input file> [More input files] <output file>

Description:
Converts one or more HTML pages into a PDF document, using wkhtmltopdf patched
qt.

General Options:
-b, --book                Set the options one would usually set when
                        printing a book
--collate                 Collate when printing multiple copies
--copies <number>       Number of copies to print into the pdf
                        file (default 1)
--cover <url>            Use html document as cover. It will be
                        inserted before the toc with no headers
                        and footers
-H, --default-header     Add a default header, with the name of the
                        page to the left, and the page number to
                        the right, this is short for:
                        --header-left=[webpage]
                        --header-right=[page]/[toPage]' --top 2cm
                        --header-line
--extended-help          Display more extensive help, detailing
                        less common command switches
-h, --help               Display help
-O, --orientation <orientation> Set orientation to Landscape or Portrait
-s, --page-size <size>   Set paper size to: A4, Letter, etc.
--password <password>   HTTP Authentication password
-p, --proxy <proxy>     Use a proxy
-q, --quiet              Be less verbose
-t, --toc                Insert a table of content in the beginning
                        of the document
--username <username>   HTTP Authentication username
-V, --version            Output version information an exit

Contact:
If you experience bugs or want to request new features please visit
<http://code.google.com/p/wkhtmltopdf/issues/list>, if you have any problems
or comments please feel free to contact me: see
<http://www.madalgo.au.dk/~jakobt/#about>
```

## Create IM-FormaDesigner for Accel Platform configuration file

### Create project and select module

#### Items

- **im-Juggling**
- **Installation of im-Juggling**
- **Create new project**

### im-Juggling

im-Juggling is an environment creation tool by which module management of war file can be executed. Use this tool and perform installation and patch application.



#### Warning

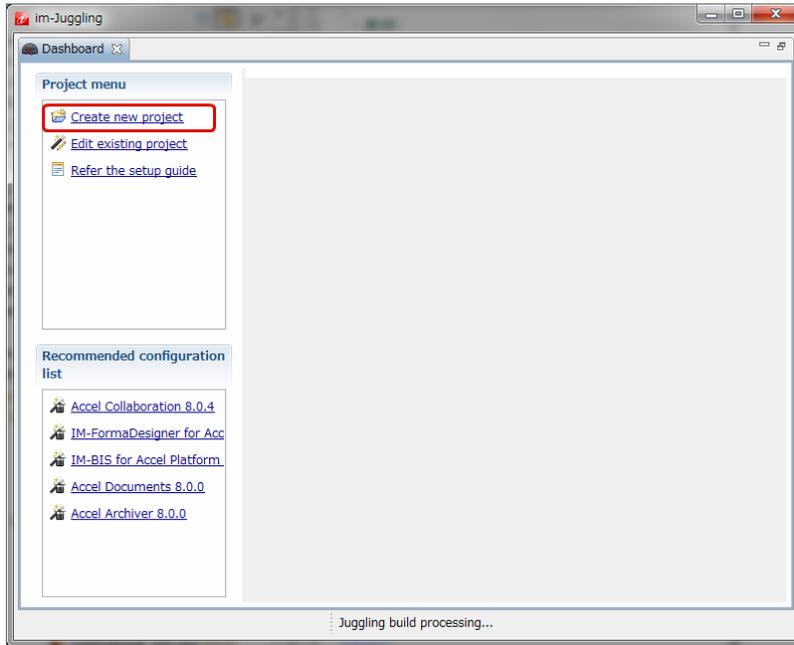
It is required to connect to the internet to use im-Juggling.

### Installation of im-Juggling

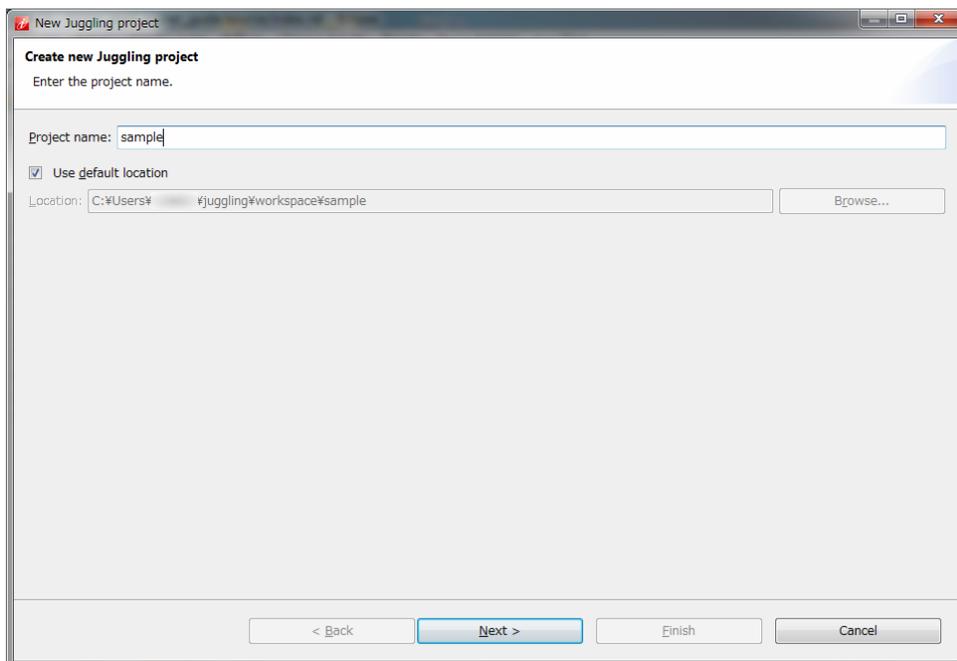
From the directory included in the product, expand im-Juggling according to the environment at an arbitrary path.

### Create new project

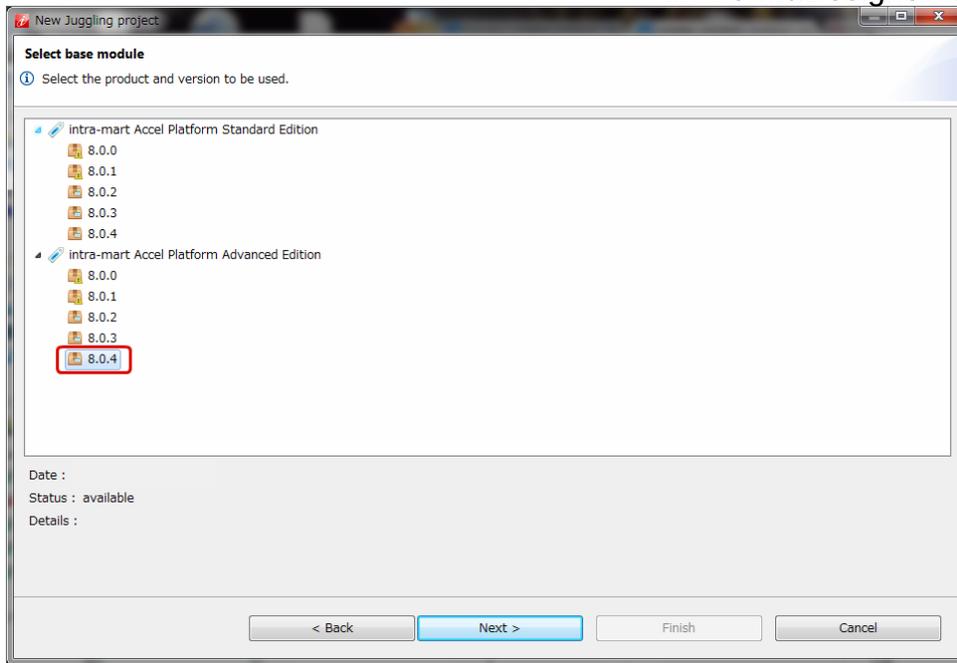
1. Run **juggling.exe** which is immediately below the expanded directory.
2. Dashboard is displayed.  
Select "Create new project".



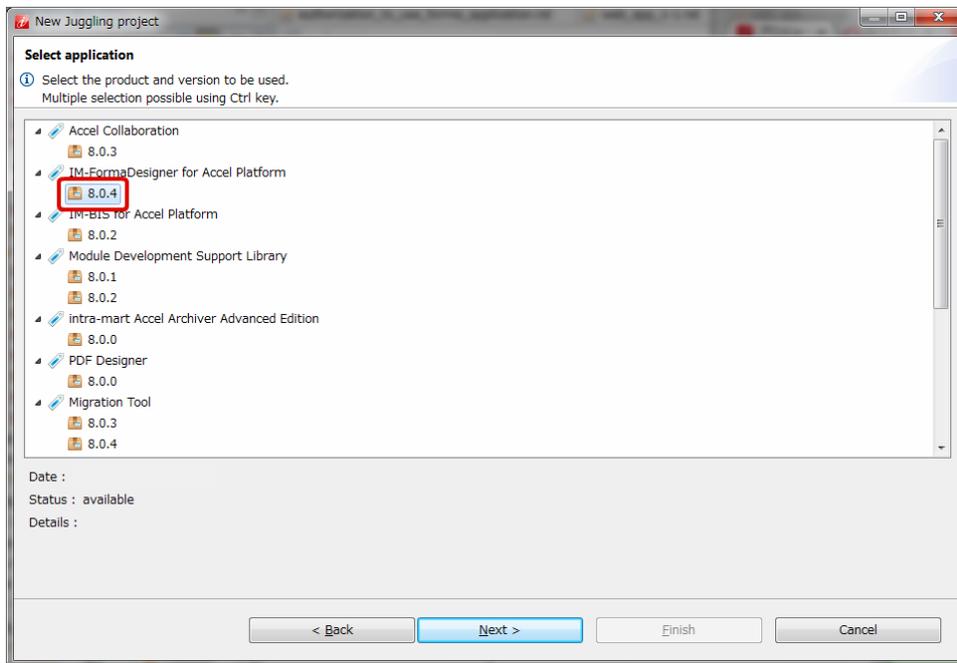
3. Enter a single byte alphanumeric project name in "Project name" in the wizard screen displayed as pop up. Click "Next" after entering it.



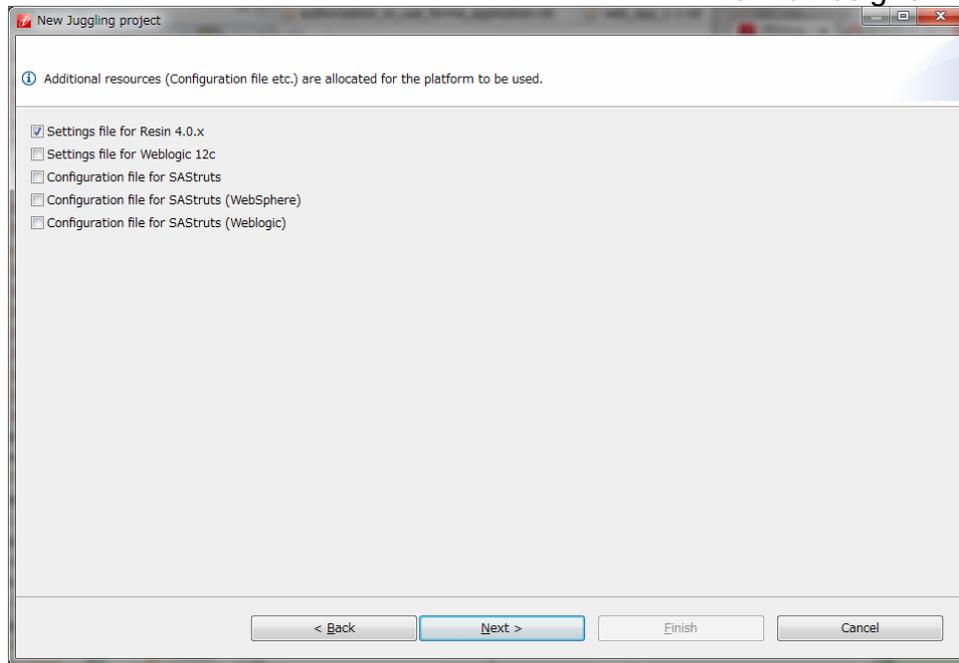
4. Select the product and version to be used.  
Click "Next" after selecting it.



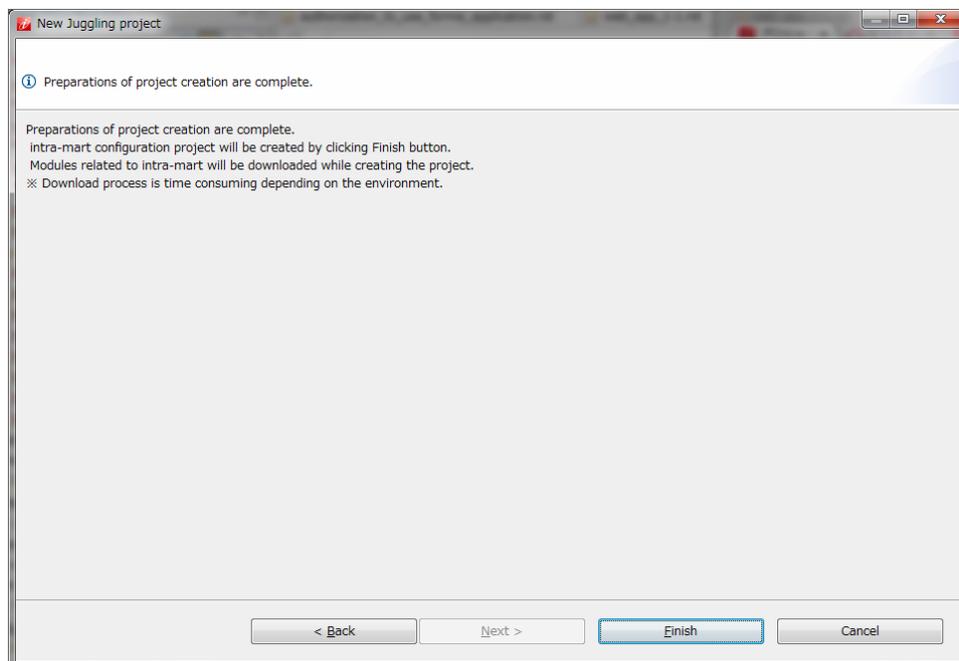
5. Select the application to be used.  
Click "Next" after selecting it.



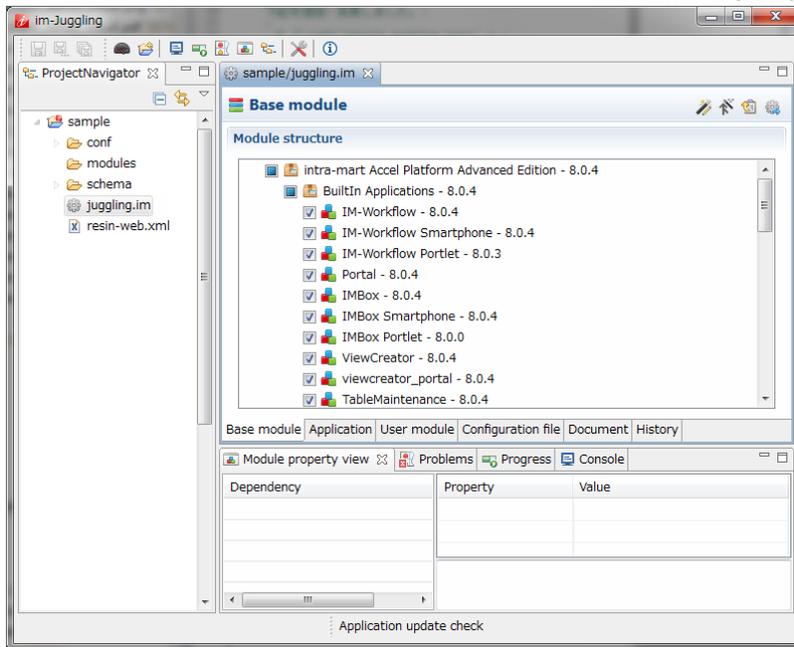
- If migrating from IM-FormaDesigner of v7.2, it is necessary to select "Migration tool" along with IM-FormaDesigner for Accel Platform.
6. Select the additional resources (Configuration file etc.) for the platform to be used.  
Click "Next" after selecting it.



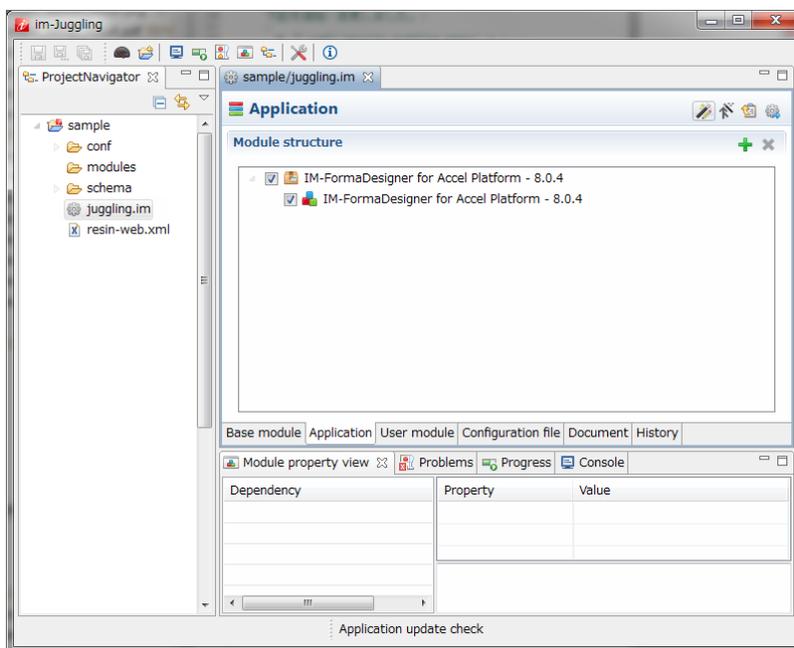
7. Finally, click "Finish".



8. The following screen is displayed when the project creation process is performed and it is complete.



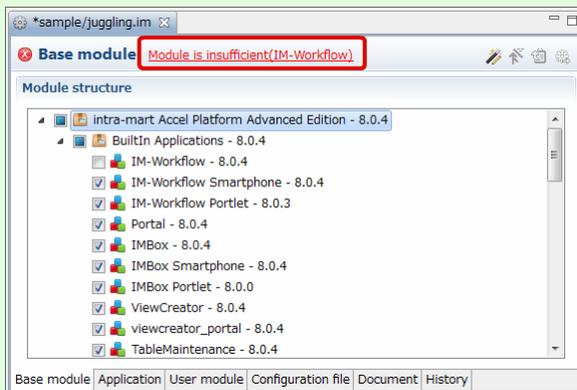
9. Click the “Application” tab, confirm that IM-FormaDesigner for Accel Platform is displayed and move to the next procedure.



**Note**

**In case an error message is displayed on the upper part of screen**

There is dependency in module unit and application unit.



Required settings can be added by the following procedure.

1. Click the message.
2. Click “OK” on the “Resolve dependency” screen.

## Update module

- “Update module” should be performed when using the version earlier to IM-FormaDesigner for Accel Platform 2013 Spring.  
For procedure, refer to “intra-mart Accel Platform Setup guide (Japanese)”.

## Edit configuration file

Edit the following configuration files to use IM-FormaDesigner for Accel Platform.

### Datasource

Refer “Editing the setup file” section of “intra-mart Accel Platform Setup guide” for details.

### Storage

Specify the path to be used as Storage area. It should be set appropriately since it is the area where the information created in IM-FormaDesigner for Accel Platform is saved.

- Open <(Project name)/conf/storage-config.xml> file in “ProjectNavigator” by double clicking and select “Source” tab.
- Set the Storage area path in <storage-config>/<storage-info>/<root-path-name>.

```
<root-path-name>tmp/storage</root-path-name>
```



#### Note

##### In case of multiple tenants

- Set the Storage area for number of tenants.
- Set the storage area to be used for each tenant.

### forma-config

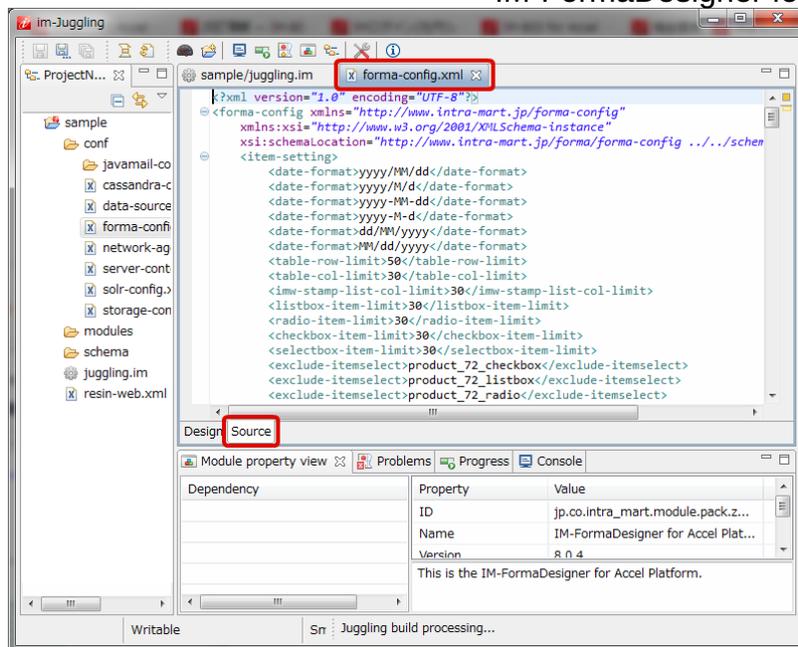
#### Item

- Edit configuration file of IM-FormaDesigner for Accel Platform**
  - String (data\_type\_string)
  - Numeric value (data\_type\_number)
  - Date (data\_type\_date)
  - Timestamp (data\_type\_timestamp)
  - Maximum number of characters for table name (table\_name\_max\_length)
  - Maximum number of characters for column name (column\_name\_max\_length)
- List of setting values of data type for each database table
- Change settings of IM-FormaDesigner for Accel Platform 8.0.0 / 8.0.1

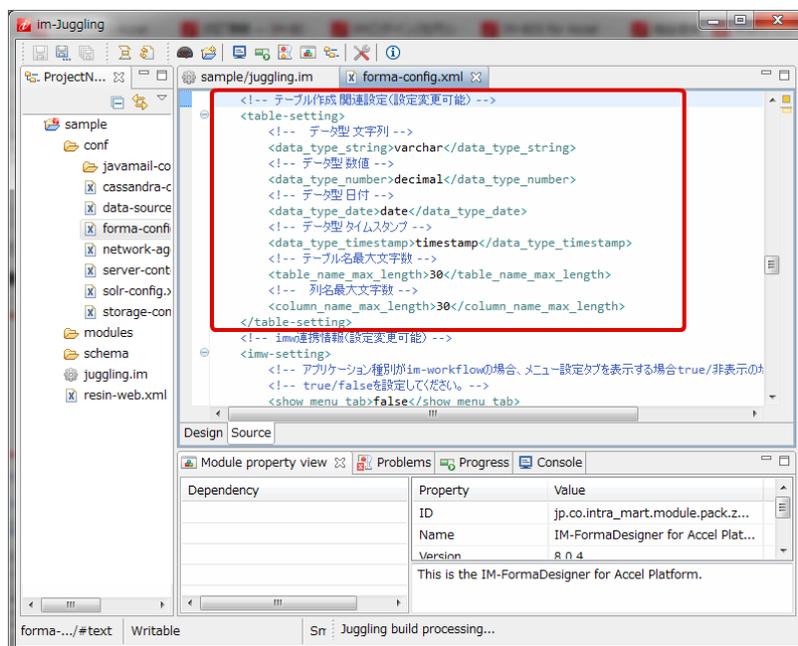
#### Edit configuration file of IM-FormaDesigner for Accel Platform

If using IM-FormaDesigner for Accel Platform, edit the configuration file (forma-config.xml) according to the following contents.

- Open <(Project name)/forma-config.xml> file in “ProjectNavigator” by double clicking and select “Source” tab.



2. Describe the setting information according to the database to be used in <table-setting>.



```

<table-setting>
  <!-- Data type String -->
  <data_type_string>varchar</data_type_string>
  <!-- Data type Numeric value -->
  <data_type_number>decimal</data_type_number>
  <!-- Data type Date -->
  <data_type_date>date</data_type_date>
  <!-- Data type Timestamp -->
  <data_type_timestamp>timestamp</data_type_timestamp>
  <!-- Maximum number of characters for table name -->
  <table_name_max_length>30</table_name_max_length>
  <!-- Maximum number of characters for column name -->
  <column_name_max_length>30</column_name_max_length>
</table-setting>

```

**String (data\_type\_string)**

Sets the data type of table item that stores the string (String, multi-line string, etc., in screen item) data.  
Default value is "varchar".

**Numeric value (data\_type\_number)**

Sets the data type of table item that stores the numeric value (Numeric value etc. in screen item)

data.  
Default value is "decimal".

**Date (data\_type\_date)**

Sets the data type of table item that stores the date (Date, Term, etc., in screen item) data.  
Default value is "date".

**Timestamp (data\_type\_timestamp)**

Sets the data type of table item that stores the timestamp (Date, Term, etc., in screen item) data.  
Default value is "timestamp".

**Maximum number of characters for table name (table\_name\_max\_length)**

Sets the maximum number of characters that can be set for table name of header table/Detail table.  
Default value is "30".

**Maximum number of characters for column name (column\_name\_max\_length)**

Sets the maximum number of characters that can be set for Item name (column name) of header table/Detail table.  
Default value is "30".



**Warning**

In configuration file of IM-FormaDesigner for Accel Platform , the operation is not executed correctly if an appropriate data type is not specified according to the database type that is used.

**List of setting values of data type for each database table**

In default state, it is set in PostgreSQL.

Database	String	number	date	timestamp
Oracle Database 11g Release 2	VARCHAR2	NUMBER	DATE	TIMESTAMP
PostgreSQL 9.2	VARCHAR	DECIMAL	DATE	TIMESTAMP
Microsoft SQL Server 2008 R2	NVARCHAR	DECIMAL	DATETIME2	DATETIME2
Microsoft SQL Server 2012	NVARCHAR	DECIMAL	DATETIME2	DATETIME2
IBM DB2 9.7 FixPack5	VARCHAR	DECIMAL	DATE	TIMESTAMP
IBM DB2 10.1 FixPack2	VARCHAR	DECIMAL	DATE	TIMESTAMP

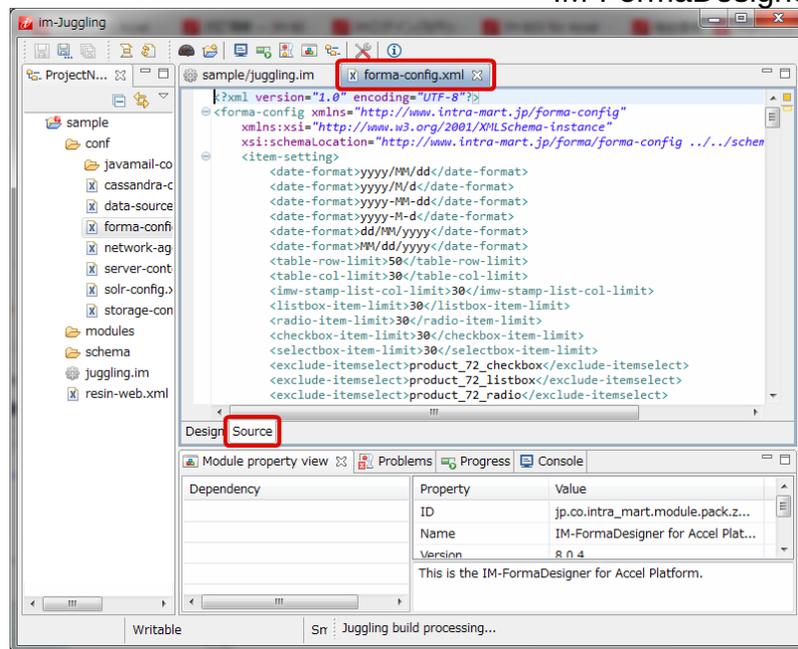
**Change settings of IM-FormaDesigner for Accel Platform 8.0.0 / 8.0.1**



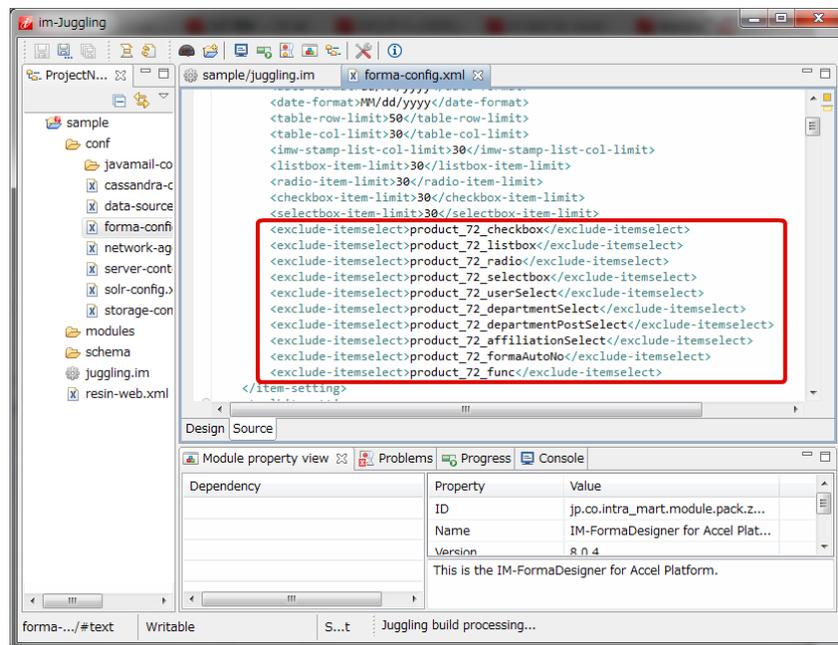
**Warning**

Implement the following procedure during update from IM-FormaDesigner for Accel Platform 8.0.0 or 8.0.1

1. Open <(Project name)/forma-config.xml> file in "ProjectNavigator" by double clicking and select "Source" tab.



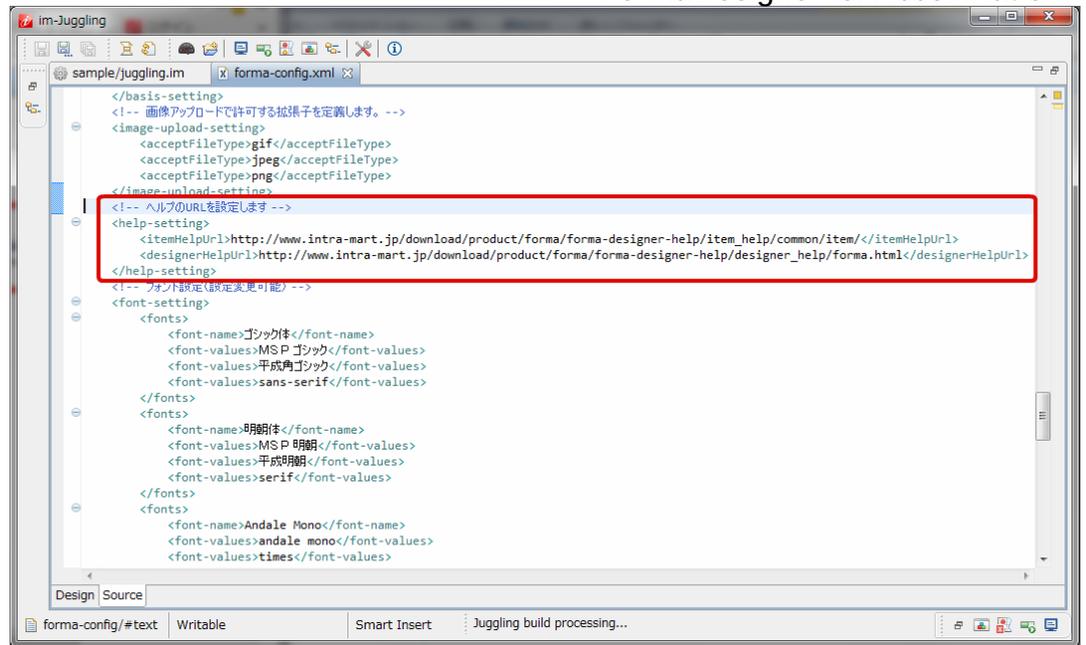
2. Add "product\_72\_func" to <exclude-itemselect>.



3. Change <itemHelpUrl> to the following contents.

```

<help-setting>
<itemHelpUrl>http://www.intra-mart.jp/download/product/forma/en/forma-designer-help_en/
<designerHelpUrl>http://www.intra-mart.jp/download/product/forma/en/forma-designer-help
</help-setting>
    
```



**Note**

**If the configuration file does not exist in the tree in “ProjectNavigator”**

1. Double click <(Project name)/juggling.im> file.
2. Click the “Configuration file” tab.
3. Select the target configuration file and click “Export” on the right side.
4. Double click and edit the file displayed in the tree in “ProjectNavigator”.

**Note**

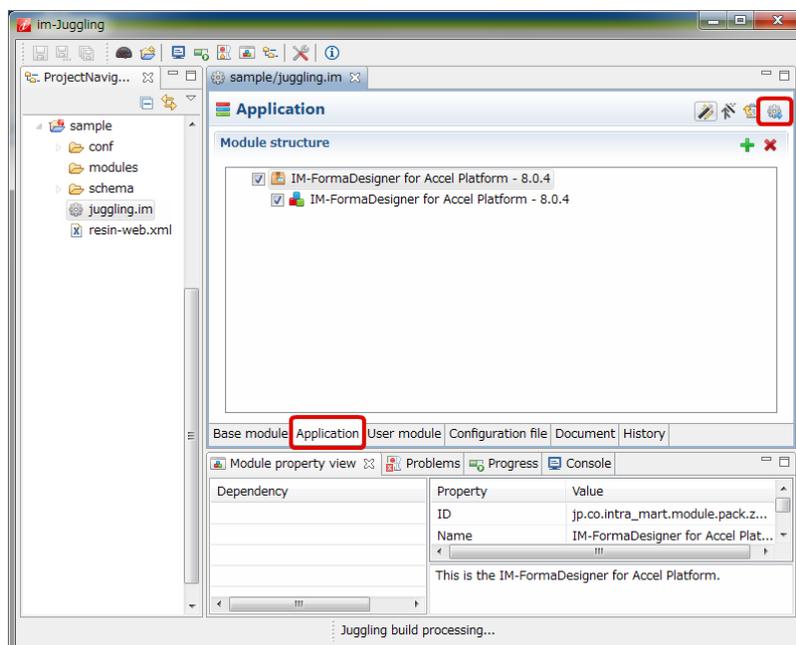
Refer the documents of each application for the configuration files in the module selected in each application.

**Note**

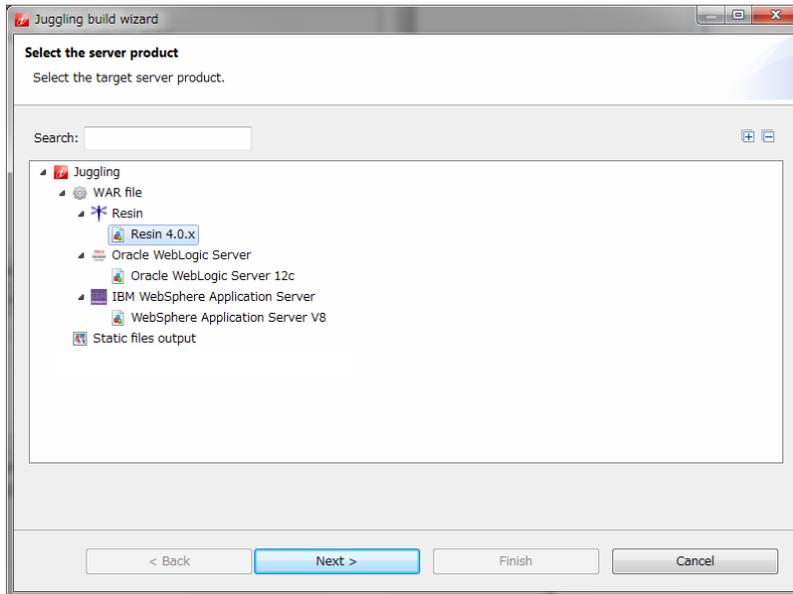
When using PDF output function, set the base URL of PDF output request destination server. Refer to “IM-FormaDesigner for Accel Platform Creator guide” for setting details.

Export war file

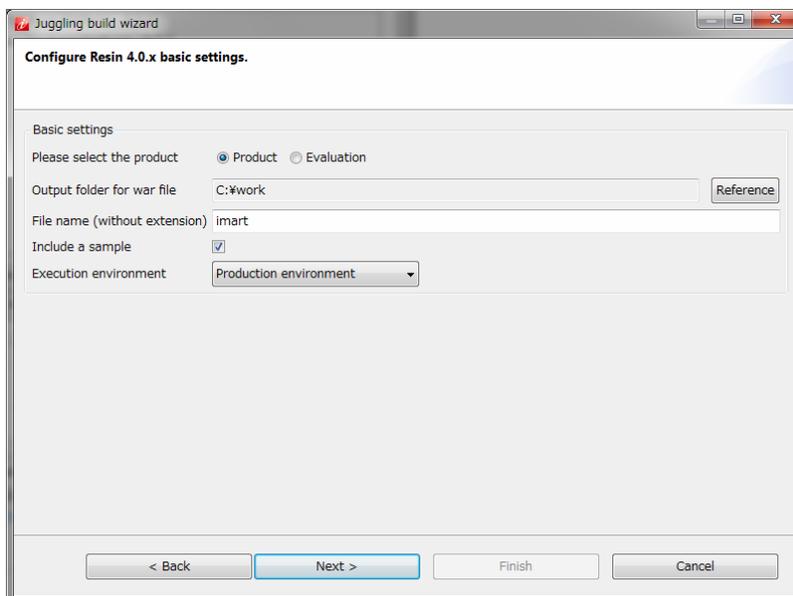
1. Open <juggling.im> file and click “Build wizard” icon on top right.



2. Select target server on the “Select the server product” screen and click “Next”.



3. Perform the settings on the “Basic settings” screen and click “Next”.



#### Please select the product

- Product version  
Select this for the customers who have purchased the license.
- Evaluation version  
This is the evaluation version.  
Purchase the license for using regularly.

#### Include a sample

Insert the sample data when check is ON. Use it while installing sample application of IM-FormaDesigner for Accel Platform .

#### Execution environment

- Unit test environment  
Shows unit test environment.  
Assumes the case when JUnit etc. is used.  
Performance is not considered.
- Combination test environment  
Shows integration test environment.  
Assumes the test environment in which IDE is used.  
Assumes the environment which is generally used.  
This is basic operation environment.
- Integrated test environment  
Shows integration test environment.  
Assumes the integration test environment that uses the original execution environment (AP server).  
The usage of this environment immediately after cutover etc. is also assumed.

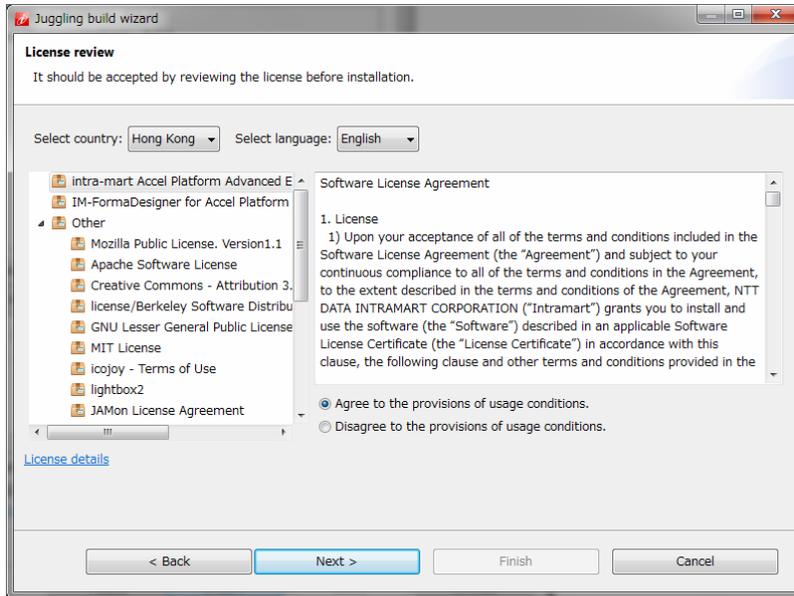
- Production environment  
Shows operating environment.  
This is operating environment where performance is considered.



**Warning**

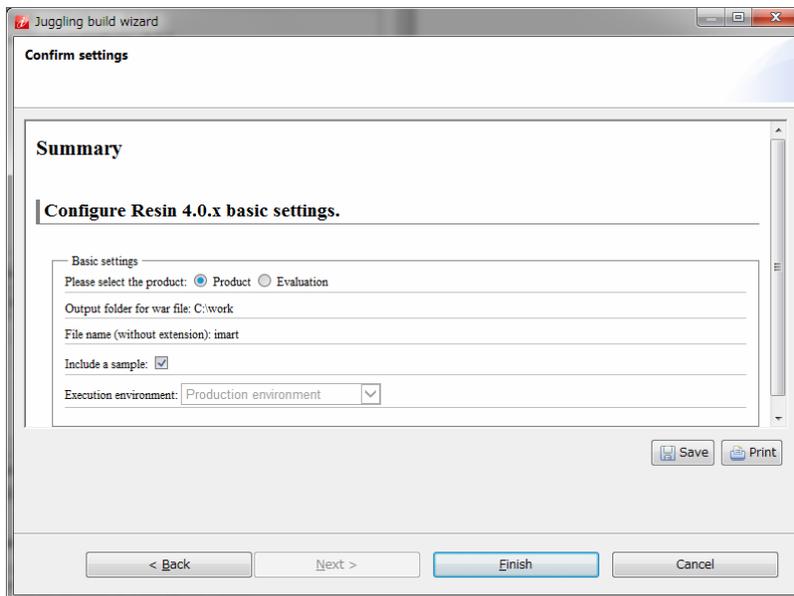
In "Output folder for war file", specify the folder for which the user has authorization for execution.

- Check the contents on the "License review" screen, select "Agree to the provisions of usage conditions." if you agree and click "Next".



- Check the contents on "Confirm settings" screen and click "Finish".

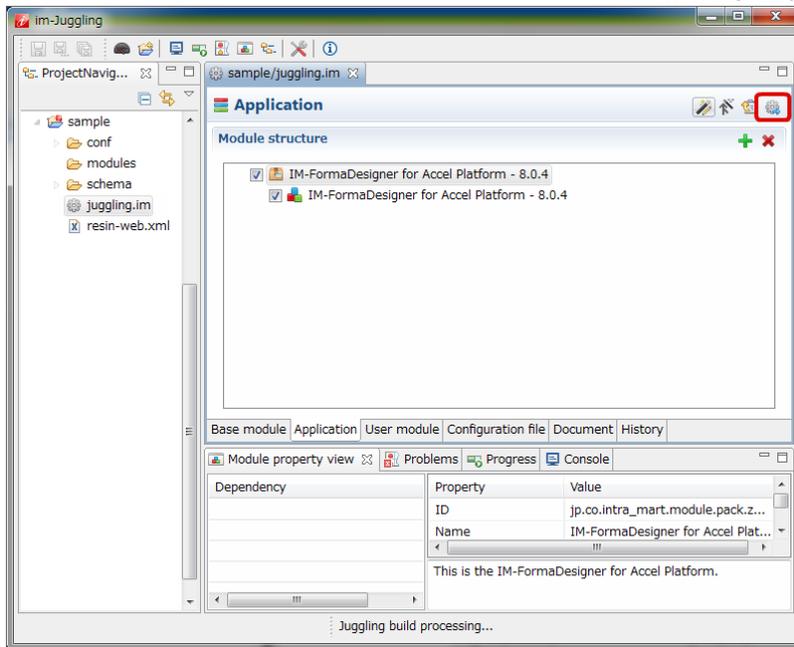
Juggling build wizard screen is displayed and download starts.  
Do not perform any operation till downloading is complete.



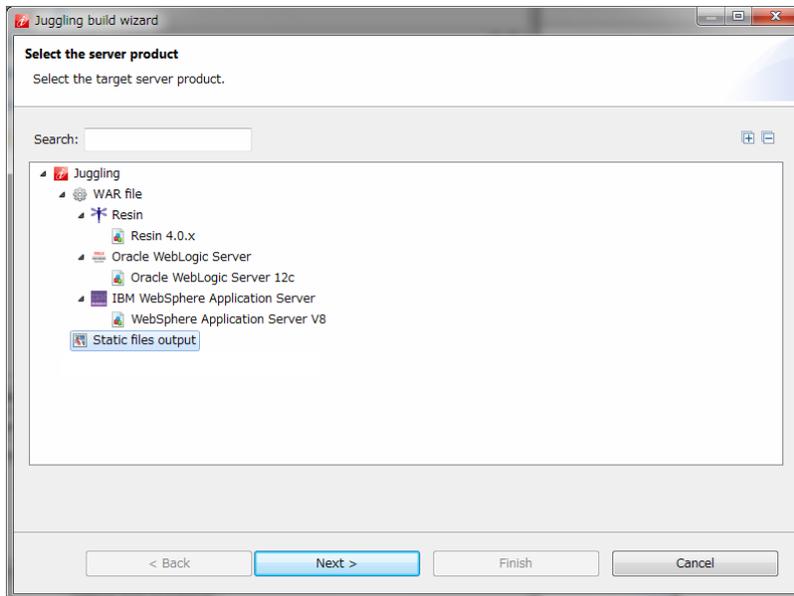
- Build wizard screen is closed if war file is exported to the specified location.  
war file is exported to the specified directory.
- Close im-Juggling .

**Export static file**

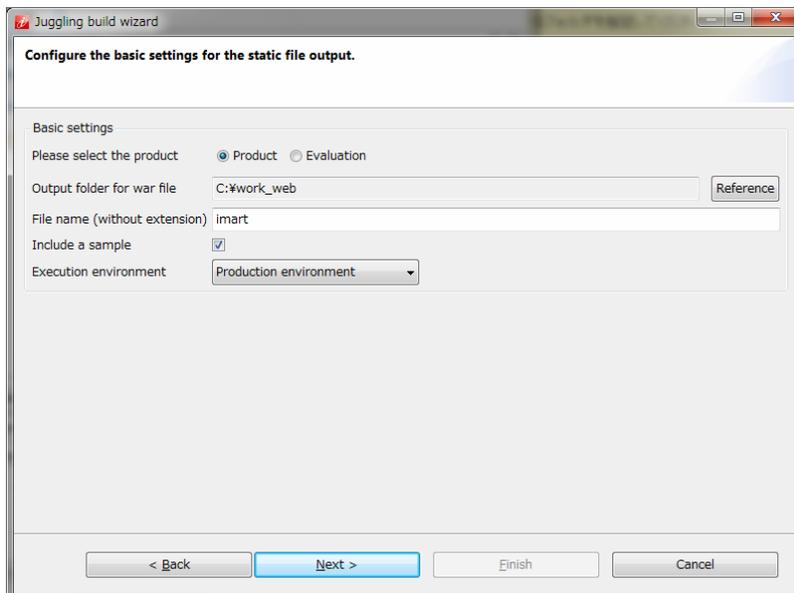
- Open <juggling.im> file and click "Build wizard" icon on top right.



2. Select "Static files output" on the "Select the server product" screen and click "Next".



3. Perform the settings on the "Basic settings" screen and click "Next".



**Please select the product**

- Product version

Select this for the customers who have purchased the license.

- Evaluation version  
This is the evaluation version.  
Purchase the license for using regularly.

**Include a sample**

Insert the sample data when check is ON. Use it while installing sample application of IM-FormaDesigner for Accel Platform .

**Execution environment**

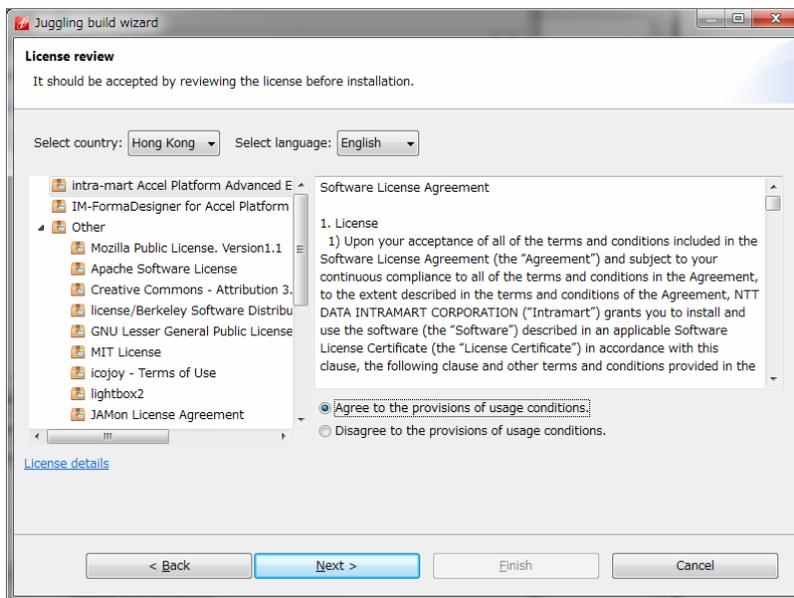
- Unit test environment  
Shows unit test environment.  
Assumes the case when JUnit etc. is used.  
Performance is not considered.
- Combination test environment  
Shows integration test environment.  
Assumes the test environment in which IDE is used.  
Assumes the environment which is generally used.  
This is basic operation environment.
- Integrated test environment  
Shows integration test environment.  
Assumes the integration test environment that uses the original execution environment (AP server).  
The usage of this environment immediately after cutover etc. is also assumed.
- Production environment  
Shows operating environment.  
This is operating environment where performance is considered.



**Warning**

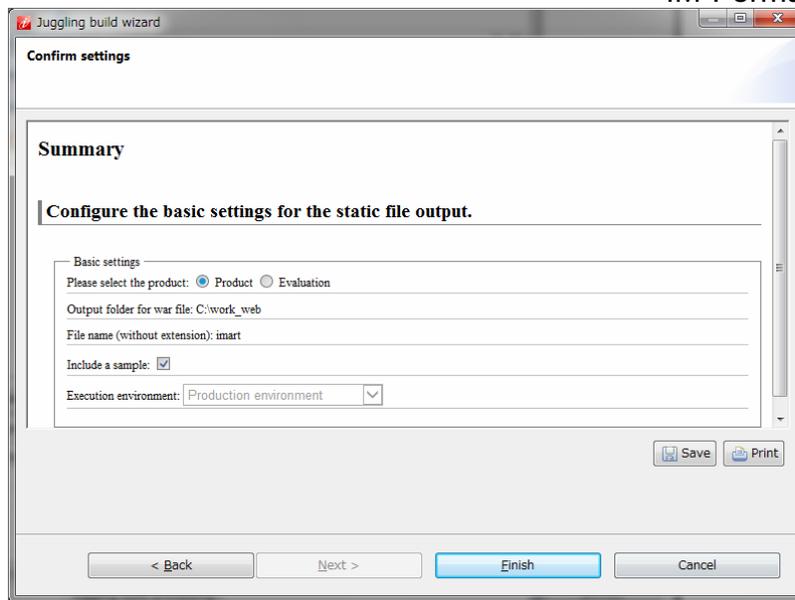
In "war file destination folder", specify the folder for which the user has authorization for execution.

4. Check the contents on the "License review" screen, select "Agree to the provisions of usage conditions." if you agree and click "Next".



5. Check the contents on "Confirm settings" screen and click "Finish".

Juggling build wizard screen is displayed and download starts.  
Do not perform any operation till downloading is complete.



6. Build wizard screen is closed if war file is exported to the specified location.  
ZIP file is exported to the specified directory.
7. Close im-Juggling .

## Start/End

### Windows edition

Start/Stop, Deploy/Undeploy (Windows version)

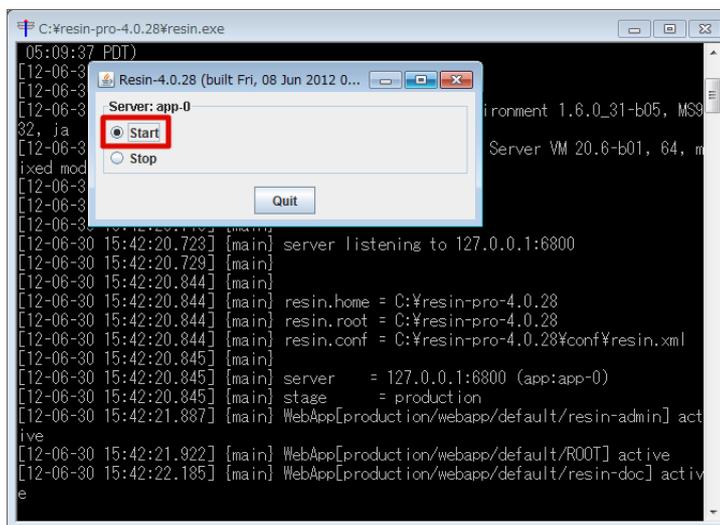
Deploy method of Resin is described below.

#### Item

- **Start Resin**
- **Stop Resin**
- **Deploy war file**
- **Undeploy war file**

#### Start Resin

1. Double click <%RESIN\_HOME%/resin.exe> file.  
Start/Stop screen and console are displayed.

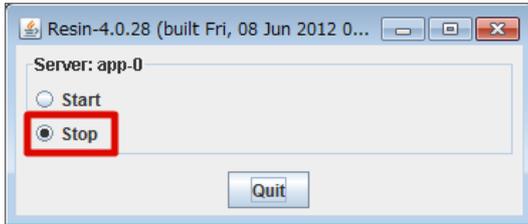


2. The startup is complete when the following message is displayed in console.

```
[12-07-02 18:30:00.000] {main} http listening to *:8080
[12-07-02 18:30:00.000] {main}
[12-07-02 18:30:00.000] {main} Resin[id=app-0] started in 55480ms
```

#### Stop Resin

1. Click "Stop" on the start/stop screen displayed during startup.



2. It is in stopped state when the following message is displayed in console.

```
{resin-shutdown} Shutdown Resin reason: OK
```

#### Deploy war file

1. Place the war file created in im-Juggling in any directory.
2. Start command prompt and execute the following command.

```
# cd <%RESIN_HOME%>/bin
# resin deploy any directory path/war file name.war
```



#### Note

In case of using multi-tenant, execute respectively for the required war file.



#### Warning

It is required to start Resin to deploy the war file.

#### Undeploy war file

1. Start command prompt and execute the following command.

```
# cd <%RESIN_HOME%>/bin
# resin undeploy war file name
```

2. After undeploy, delete the following files manually.

```
war file under <%RESIN_HOME%/webapps> and directories with same name
```



#### Note

In case of using multi-tenant, execute respectively for the war file to be undeployed.



#### Warning

It is required to start Resin to undeploy war file.

## Linux edition

### Start/Stop, Deploy/Undeploy (Linux version)

#### Item

- **Start Resin**
- **Stop Resin**
- **Deploy war file**
- **Undeploy war file**

#### Start Resin

1. Execute the following command.

```
# <%RESIN_HOME%>/bin/resinctl -server app-0 start
```

2. The startup is complete when the following message is displayed in console.

```
[12-07-02 18:30:00.000] {main} http listening to *:8080
[12-07-02 18:30:00.000] {main}
[12-07-02 18:30:00.000] {main} Resin[id=app-0] started in 55480ms
```

**Note**

In case of distributed configuration, start from the environment in which each Resin is installed. Specify the ID corresponding to the IP address set in “app\_servers” property of <%RESIN\_HOME%/conf/resin.properties> file for the “app-0” part.

**Stop Resin**

1. Execute the following command.

```
# %RESIN_HOME%/bin/resinctl -server app-0 stop
```

2. It is in stopped state when the following message is displayed in console.

```
{resin-shutdown} Shutdown Resin reason: OK
```

**Note**

In case of distributed configuration, stop from the environment in which each Resin is installed. Specify the ID corresponding to the IP address set in “app\_servers” property of <%RESIN\_HOME%/conf/resin.properties> file for the “app-0” part.

**Deploy war file**

1. Place the war file created in im-Juggling in any directory.
2. Execute the following command.

```
# <%RESIN_HOME%/bin/resinctl deploy any directory path/war file name.war
```

**Note**

In case of using multi-tenant, execute respectively for the required war file.

**Warning**

It is required to start Resin before deploying war file.

**Undeploy war file**

1. Execute the following command.

```
# <%RESIN_HOME%/bin/resinctl undeploy war file name
```

**Note**

In case of using multi-tenant, execute respectively for the war file to be undeployed.

**Warning**

It is required to start Resin to undeploy war file.

**Create Tenant Environment****Item**

- **Create Tenant Environment by system administrator**
  - Tenant environment setup
  - Registration of license
  - Initialization of portlet
  - Sample data setup
- **Operation by tenant administrator/general user**

Create Tenant Environment by system administrator

Tenant environment setup

1. Access the system administrator login screen “[http://\(Host name\):\(Port No.\)/\(Context path\)/system/login](http://(Host name):(Port No.)/(Context path)/system/login)” from the Web browser.

**Note**

Since the system administrator is not registered during initial access, it automatically transits to the “Tenant initial settings” screen.

- The “Tenant default setting” screen may be displayed in English language.  
To display in Japanese language, change the language setting of the browser to “Japanese (ja)”.

2. Enter the system administrator information, tenant information and tenant manager information and click the “Register” button. The tenant environment creation process is performed.

**Note**

Tenant manager can also be registered from “user management” menu of system administrator after setting up tenant environment.

3. The subsequent result screen is displayed if the process completes normally. Confirm normal end and click “Home” on the top-left.

**Setup result**

System administrator registration, initial settings of tenant execution and Tenant manager registration were completed.

Process result	Module ID	Import type	Import target name	Error message
✓	im_tenant	DDL	products\import\basic\im_tenant\tenant_common\im_tenant_common-ddl.sql	-
✓	im_tenant	DDL	products\import\basic\im_tenant\calendar\im_calendar-ddl.sql	-
✓	im_tenant	DDL	products\import\basic\im_tenant\admin\im_admin-ddl.sql	-
✓	im_tenant	DDL	products\import\basic\im_tenant\auth\im_auth-ddl.sql	-
✓	im_tenant	DDL	products\import\basic\im_tenant\menu\im_menu-ddl.sql	-
✓	im_tenant	DDL	products\import\basic\im_tenant\password_history\im_password_history-ddl.sql	-
✓	im_tenant	DML	products\import\basic\im_tenant\calendar\im_calendar-role.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\calendar\im_calendar-role_en.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\calendar\im_calendar-role_ja.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\calendar\im_calendar-role_th_CN.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\admin\im_admin-role.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\admin\im_admin-role_en.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\admin\im_admin-role_ja.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\admin\im_admin-role_th_CN.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\auth\im_auth-role.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\auth\im_auth-role_ja.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\auth\im_auth-role_en.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\auth\im_auth-role_th_CN.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\menu\im_menu-role.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\menu\im_menu-role_ja.xml	-
✓	im_tenant	DML	products\import\basic\im_tenant\menu\im_menu-role_en.xml	-

Registration of license

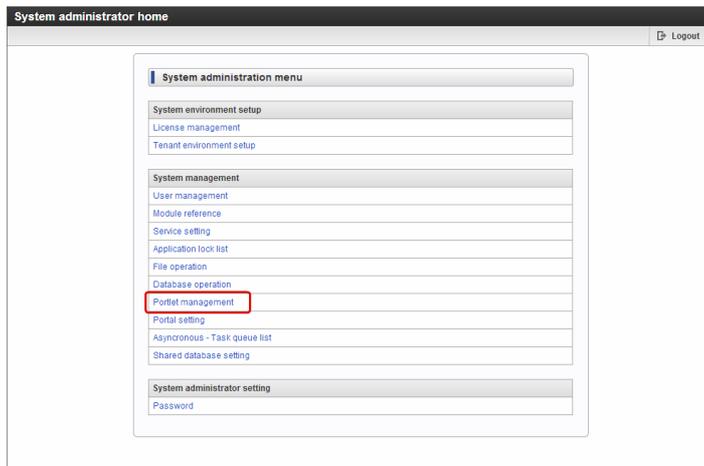
Register the license if IM-FormaDesigner for Accel Platform is purchased.

1. Menu screen of system administrator is displayed. Click “License management” from the menu.

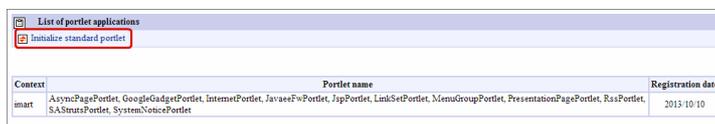
2. Register the license from "Register License key".

**Initialization of portlet**

1. Menu screen of system administrator is displayed.  
Click "Portlet management" from the menu.



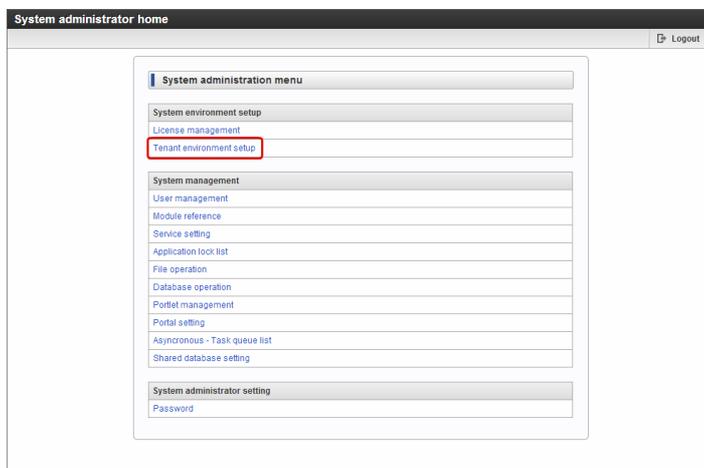
2. Click and execute "Initialize standard portlet" from top-left.



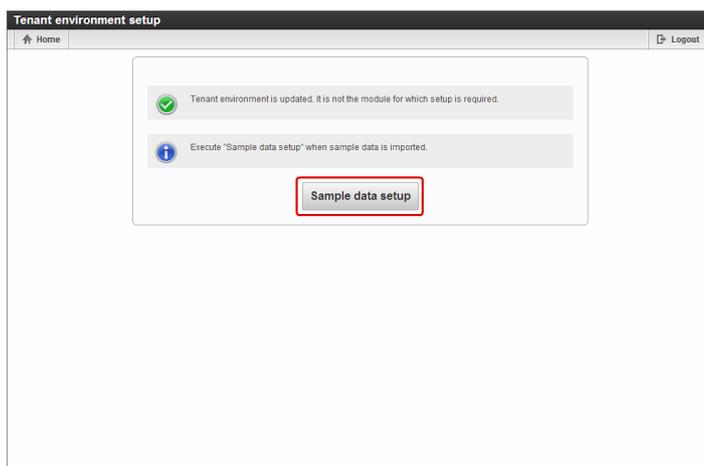
**Sample data setup**

- Execute the following procedure when sample data is used.

1. Menu screen of system administrator is displayed.  
Click "Tenant environment setup" from the menu.



2. Click "Sample data setup".



**Note**

[Reference] In case of failure during tenant environment/sample data set up

Delete the data of Databaseconnection destination and setup tenant environment again.

**Operation by tenant administrator/general user**

1. Access the general user login screen "[http://\(Host name\):\(Port No.\)/\(Context path\)/login](http://(Host name):(Port No.)/(Context path)/login)" from the Web browser.

2. Login by using tenant administrator account registered in "Tenant environment setup" mentioned above.
3. After login, each tenant administration function and application of various menus can be used. Refer each operation guide for the details.

**Note**

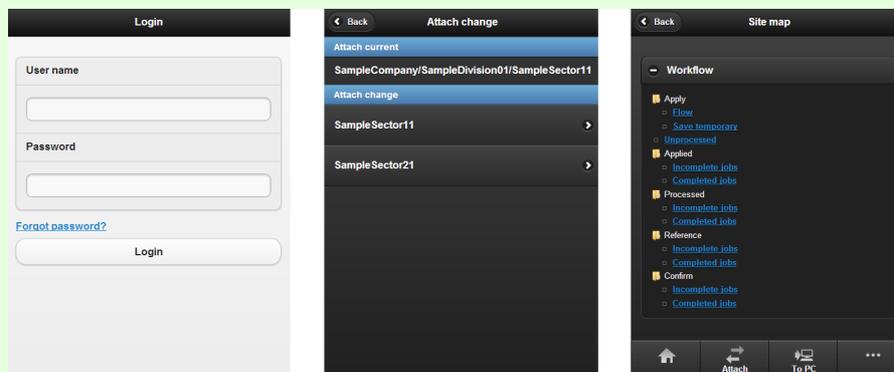
It is possible to use smartphone.

Access the general user login screen "[http://\(Host name\):\(Port No.\)/\(Context path\)/login](http://(Host name):(Port No.)/(Context path)/login)" from the standard browser of smartphone terminal.

The application created in IM-FormaDesigner for Accel Platform can be used by smartphone.

It is possible to login with the same account as the PC version.

The menu after login can be changed from "Sitemap" -> "Tenant management" -> "Menu" to Global navigation (For smartphone), sitemap (For smartphone).

**Uninstall IM-FormaDesigner for Accel Platform**

Uninstallation of files related to IM-FormaDesigner for Accel Platform is performed in this chapter.

Check the manual of the same product for the uninstallation of middleware products etc.

Perform the operations sequentially according to the following procedure.

**Contents**

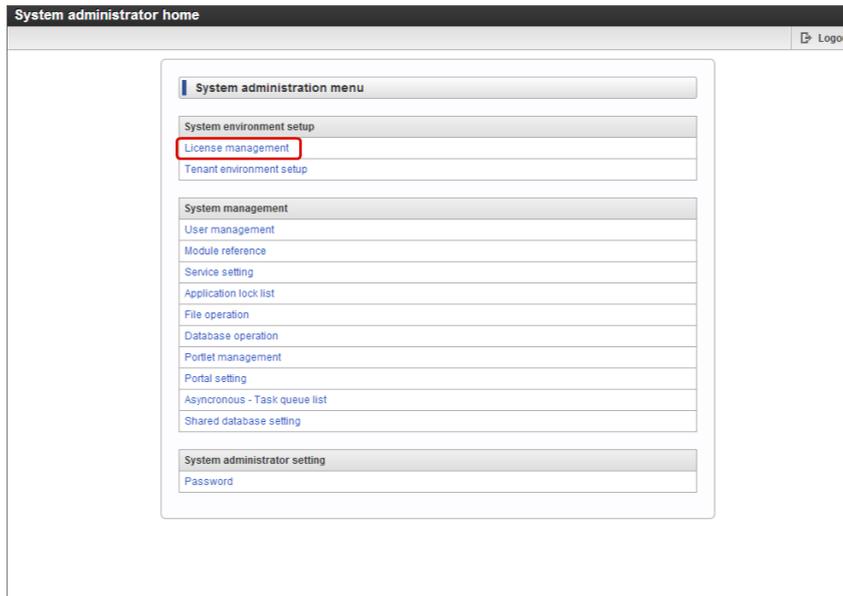
- **Before the operation...**
- **Delete license**
- **Stop, undeploy intra-mart Accel Platform**
- **Recreate war file**
- **Delete static files (While using Web server)**
- **Start, deploy intra-mart Accel Platform**

**Before the operation...**

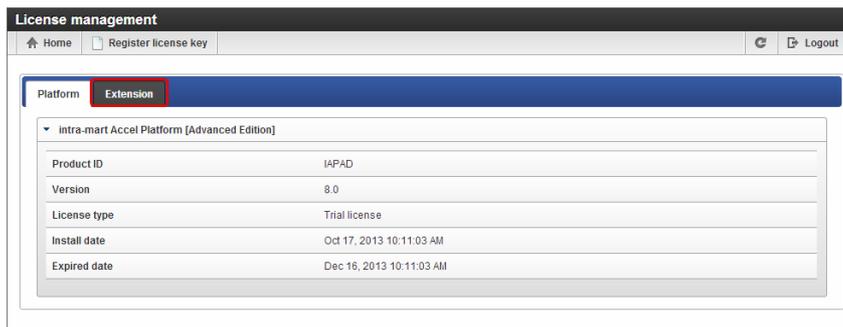
Backup the required files such as log file etc.

### Delete license

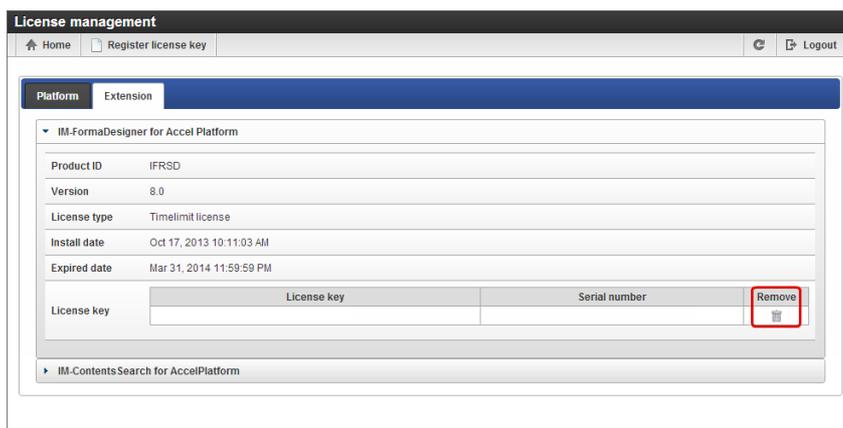
1. Access the system administrator login screen “[http://\(Host name\):\(Port No.\)/\(Context path\)/system/login](http://(Host name):(Port No.)/(Context path)/system/login)” from the Web browser.
2. Click “License management” from Menu.



3. Click the “Extension” tab.



4. Delete the license of IM-FormaDesigner for Accel Platform from the “Remove” icon of license key.

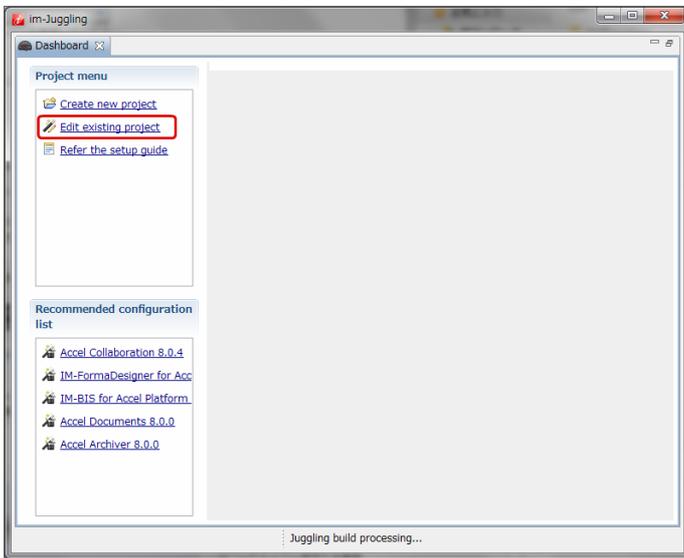


### Stop, undeploy intra-mart Accel Platform

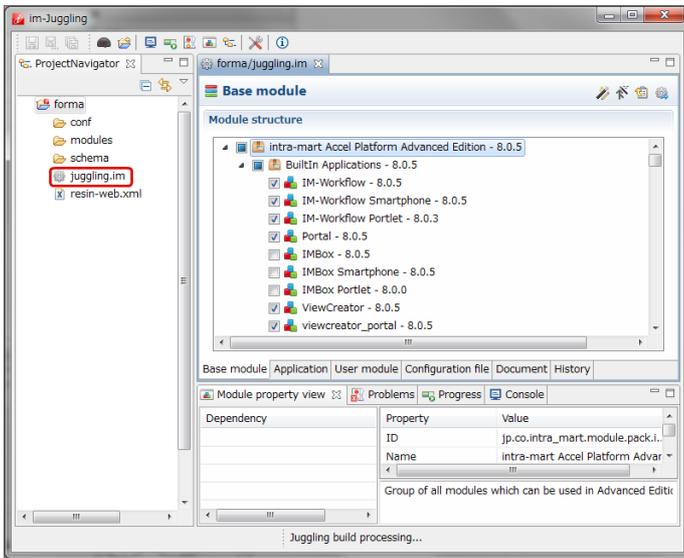
1. Stop Resin and undeploy ‘war’ by referring to **Start/End**.

### Recreate war file

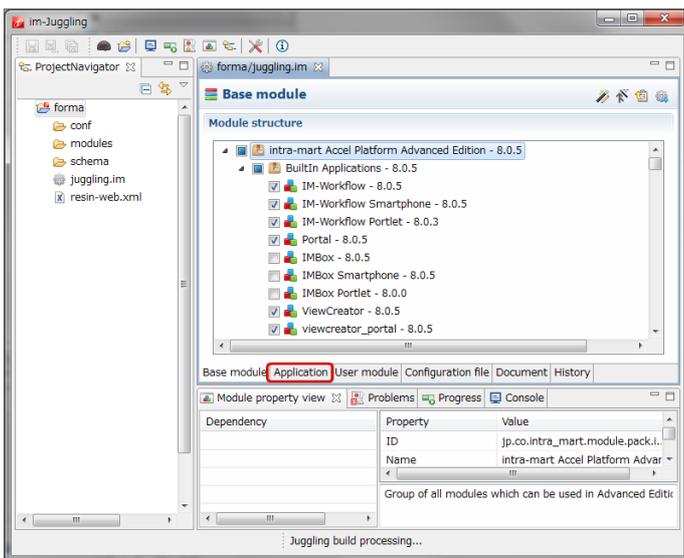
1. Run juggling.exe.
2. Dashboard is displayed. Select “Edit existing project”.



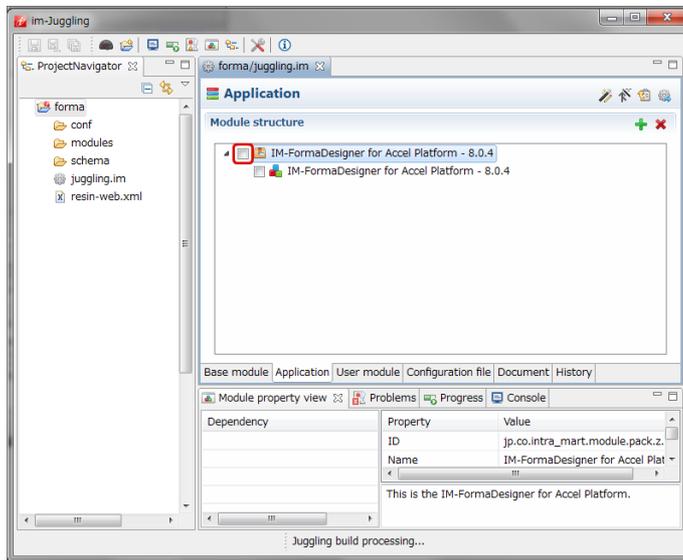
3. Double click “juggling.im” which exists in the project during environment creation from ProjectNavigator.



4. Click “Application tab”.



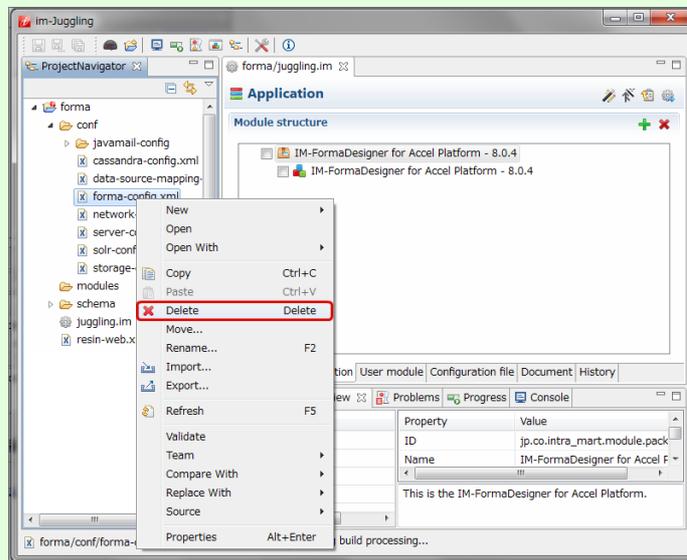
5. Uncheck IM-FormaDesigner for Accel Platform.



#### Note

If configuration file of IM-FormaDesigner for Accel Platform is output during environment creation, it should be deleted manually.

Select the file to be deleted and right click to delete.



6. Recreate war file by referring to **Export war file**.

#### Delete static files (While using Web server)

Output the static file by referring to **Export static file**.

Replace the output static file with the file placed on Web server.



#### Warning

If there exist files that are placed manually without using im-Juggling, place the files manually again after replacing.

#### Start, deploy intra-mart Accel Platform

1. Start Resin by referring to **Start/End** and deploy the re-created war file.