## Using no-installer

On this page

Specifying JRE\_HOME and CATALINA\_HOME\_WEBAPP variables

Here you can learn how to run Web Application Platform with its plugins by using the no-installer package.

Prerequisites run the Web Application Platform with plugins:

- You must have a working instance of Teamwork Cloud.
- If you intend to install the Cameo Collaborator for Teamwork Cloud application, make sure that the FlexNet license server is installed

beforehand.

To run Web Application Platform by using the no-install package • You have to download the Web\_App\_Platform\_<version number>\_noinstall.zip file.

Before Starfing the Web App Platform sversion numbers, noinstall.zip file 2. Go to the sveb App Platform no-installer\_directory/s/shared/conf directory.

- 3. Open the webappplatform.properties file. The content of the file is shown below. Web Application Platform and Teamwork Cloud should be installed on different machines.
  - #Before installing Web Application Platform, make sure you know Teamwork Cloud, Authentication server, and FLEXnet server data, such as # General properti #the hostname (or IP address) and port. You will need to enter this data during installation.
  - After installing Web Application Platform, it is recommended to disable the web container (e.g., Apache Tomcat) on the machine where install.root=. Teamwork Cloud is installed.

```
#
# Web application platform properties
#
# Specify the guest user name and password.
wap.guest.username=Guest
wap.guest.password=Guest
#
# Authentication server properties
#
# Specify the Authentication server location.
# Use http or https depending on the Authentication server setup.
authentication.server.uri=https://127.0.0.1:8555/authentication
# Specify an optional redirect uri if the incoming request does not provide one.
# By default redirect uri is the authentication server location. Remove # for the property to work.
#authentication.redirect.uri=http://127.0.0.1/webapp/
# Optional value.
# Specify a unique platform ID. The default value is webApplicationPlatform
authentication.client.id=webApplicationPlatform
# Optional value.
# Specify a unique ID that will be used in the remote repository management functionality
authentication.remote.client.id=twcSynchronizationManager
# Optional value.
# Specify the authentication client password that platform will use to secure communication with the
Authentication server.
# The default value is CHANGE_ME
authentication.client.secret=CHANGE_ME
# Set to true to ignore Authentication server certificate validation. Otherwise, set to false.
# The value depends on the Authentication server setup.
authentication.server.ignore.certificate=true
# Teamwork Cloud server properties
#
```

# Specify the Teamwork Cloud administrator user name and password. twc.admin.username=Administrator twc.admin.password=Administrator # Specify the Teamwork Cloud IP address or domain name. twc.ip=127.0.0.1 # Specify rest protocol (http or https) depending on the Teamwork Cloud server setup. twc.rest.protocol=https # Specify the Teamwork Cloud rest API port. twc.rest.port=8111 # Specify the Teamwork Cloud client API port. twc.client.port=3579 # Specify the maximum total number of connections. twc.client.max.total.connections=20 # Specify the maximum number of connections allowed for a route twc.client.max.connections.per.route=20 # Specify how many milliseconds to wait for establishing connection # with the remote server before a timeout exception occurs. twc.client.connect.timeout.ms=30000 # Specify how many milliseconds to wait for the server to respond # to various calls before a timeout exception occurs. twc.client.socket.timeout.ms=120000 # Specify how many milliseconds to wait for checking out a connection # from the connection pool before an exception occurs. twc.client.connection.request.timeout.ms=120000 # Set to true to ignore Teamwork Cloud certificate validation. Otherwise, set to false. twc.client.ignore.certificate=true ± # FlexNet server properties # # Specify the FlexNet licence server IP address. flexnet.server.name=127.0.0.1 # Specify the FlexNet license server port. flexnet.server.port=1101 # Platform mailing engine properties used to send notifications via e-mail # # Specify the e-mail server host name. mail.host=gate.company.com # Specify the e-mail server port. mail.port=25 #Specify the user name and password. mail.username=anonymous mail.password= # Specify the e-mail protocol and encoding. mail.protocol=smtp mail.encoding=UTF-8 # Specify the sender's e-mail address. mail.from.default=info@company.com # # Platform service discovery related properties

# Specify the ZooKeeper servers host:port values, separated by a comma. Port can be omitted if default 2181 is used zookeeper.connect.string=localhost # Specify zk node where ZooKeeper registers applications zookeeper.base.service.path=/services # Enable or disable service discovery. Enabled if the property does not exist service.discovery.enabled=true # Indicates path of services. Specify / if all services are deployed on the same Tomcat. service.uri=/ # HTTP Client properties # # Set to true to ignore certificate validation when one WAP service calls another service. Otherwise, set to false. http.client.ignore.certificate=true

4. Read the comments with property descriptions inside the file and specify the following:

- Web Application Platform properties
- Teamwork Cloud server properties
- Authentication server properties
- FlexNet server properties
- Platform service discovery related properties
- 5. Go to the <Web App Platform no-install directory>/conf directory.
- 6. In your computer settings, specify the JRE\_HOME and CATALINA\_HOME\_WEBAPP variables as shown below:

CATALINA\_HOME\_WEBAPP=/<Web\_App\_Platform\_no-installer\_directory> JRE\_HOME=/<Java\_install\_directory>

7. If you want Web Application Platform to use SSL certificates, do the following:

- a. Generate the SSL certificate file.
- b. Go to the <Web\_App\_Platform\_no-installer\_directory>\conf directory and open to edit the server.xml file.
- c. In the server.xml file, change the default values of the following properties to the actual path to certificate file and password:
  - certificateKeystoreFile="<path\_to\_certificate\_file>"

certificateKeystorePassword="<password>"

Contributer to the same as the -storepass and -keypass property values that you

- specified when creating the SSL certificate
- 8. Start Zookeper.

#

- 9. Go to the <Web App Platform no-install directory>/bin directory and run the startup.bat file as administrator to start Web Application platform.
- 10. If you chose to install Cameo Collaborator for Teamwork Cloud, apply the Cameo Collaborator license.

To access Web Application Platform, open a web browser and go to http(s)://<domain\_name>:<port>/webapp. By default, Web Application Platform uses port 8443.

Dou Want to start Web Application Platform manually on Web Application Platform, start Zookeeper first and only then - Web Application Platform.

## Specifying JRE\_HOME and CATALINA\_HOME\_WEBAPP variables

In this section, you can learn how to specify the JRE\_HOME and CATALINA\_HOME\_WEBAPP variables in different operating systems.

To specify variables on Windows

2. Select the Advanced system settings option on the left side of the System dialog.

<sup>1.</sup> Open Control Panel and go to System and Security > System.

- 3. In the System Properties dialog, click the Environment Variables button.
- 4. In the System variables area of the Environment Variables dialog, specify the values for the JRE\_HOME and CATALINA\_HOME\_WEBAPP va riables as shown below:

```
CATALINA_HOME_WEBAPP=/<Web_App_Platform_extracted_no-installer_directory>
JRE_HOME=/<Java_install_directory>
```

5. Click OK.

Variable	Value	^			
CATALINA_HOME	C:\tomcat\apache-tomcat-8.0.47;C:\Program Files\No Magic Web				
CATALINA_HOME_WEBAPP	C:\Program Files\No Magic Web App Platform\apache-tomcat				
ComSpec	C:\WINDOWS\system32\cmd.exe				
DriverData	C:\Windows\System32\Drivers\DriverData				
EICDDrive ESET_OPTIONS FP_NO_HOST_CHECK	D:\ 				
			JAVA_HOME	C:\Program Files\Java\jre1.8.0_144	
			JRE_HOME	C:\Program Files\No Magic Web App Platform\jre;C:\Program Files	¥
	New Edit Delete				

System variables in the Environment Variables dialog on Windows

To specify variables on Linux

- 1. Go to the /etc directory and open the profile file.
- 2. Copy the following lines to the profile file and replace the placeholders between angle brackets (<>) with actual paths:

export CATALINA\_HOME\_WEBAPP=/<path\_to\_Web\_App\_Platfrom\_extratcted\_no-installer\_directory>
export JRE\_HOME=/<path\_to\_Java\_install\_directory>

export\_JRE\_HOME=/usr/java/jdk1.8.0\_172-amd64/ 3. Open the Terminal application and execute the following command:

source /etc/profile