

Using no-installer

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



Prerequisites

To run the Web Application Platform with plugins:

- You must have a working instance of [Teamwork Cloud](#).
- Make sure that [the FlexNet license server is installed](#) beforehand because Cameo Collaborator for Teamwork Cloud uses a floating license.

To run Web Application Platform by using the no-install package

You will need to specify license server details when installing Web Application Platform.

1. You have to download the `Web_App_Platform-<version number>-noinstall.zip` file.
2. Extract the `Web_App_Platform-<version number>-noinstall.zip` file.
3. Go to the `<Web_App_Platform_no-installer_directory>/shared/conf` directory.
3. Open the `webappplatform.properties` file. The content of the file is shown below.

```
# General properties

install.root=.

# Web Application Platform properties

wap.context=/webapp
# Specify a guest user name. You can create users using TWC Admin Console.
wap.guest.username=Guest
# Specify the guest user password.
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://<nm_authentication_server_ip>: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=https://<nm_authentication_server_ip>/webapp/
# Specify a unique platform ID.
authentication.client.id=webApplicationPlatform
# Specify the authentication client password that platform will use to secure communication with the
# authentication server.
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.
twc.admin.username=Administrator
# Specify the Teamwork Cloud administrator password.
twc.admin.password=Administrator
# Specify the Teamwork Cloud server address. Use http or https depending on the Teamwork Cloud server
# setup.
twc.url=https://<teamwork_cloud_ip>:8111
# Specify the maximum total number of connections.
twc.client.max.total.connections=20
# Specify the maximum number of connections for a route.
twc.client.max.connections.per.route=20
```

```
# Specify how long (in milliseconds) to wait for establishing the connection with the remote server
before a timeout exception occurs.
twc.client.connect.timeout.ms=30000
# Specify how long (in milliseconds) to wait for the server to respond to various calls before a timeout
exception occurs.
twc.client.socket.timeout.ms=120000
# Specify how long (in 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=<server_ip>
# Specify the FlexNet license server port.
flexnet.server.port=<server_port>

# 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 sender's user name and password.
mail.username=<user_name>
mail.password=<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>
mail.from.enabled=false
mail.smtp.auth=false
mail.smtp.timeout=30000
```

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



Specifying property values

Make sure you replace the placeholders in the angle brackets (<>) with actual values (e.g., Teamwork Cloud and Authentication server addresses)

5. Go to the `<Web_App_Platform_no-installer_directory>/conf` directory.

6. Open the `catalina.properties` file and edit the following property value as shown below:

- Platform mailing engine properties are optional. You can specify them later if needed.

```
shared.loader="${catalina.base}/shared/conf"
```

7. 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>
```

8. Generate the SSL certificate file.

9. Go to the `<Web_App_Platform_no-installer_directory>/conf` directory and open to edit the `server.xml` file.

10. 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>"`



Important
The `certificateKeystorePassword` property value must be the same as the `-storepass` and `-keypass` property values that you specified when creating the SSL certificate.

11. Go to the `<Web App Platform no-install directory>/bin` directory.
12. Run the `startup.bat` file as administrator to start the Web Application platform.
13. [Apply the Cameo Collaborator for Teamwork Cloud license.](#)

Now you can access Web Application Platform by opening a web browser and going to `http(s)://<domain_name>:<port>/webapp/resources`. By default, the Web Application Platform uses the port 8443. Click [here](#), to learn how to start and stop the Web Application Platform.

Specifying JRE_HOME and CATALINA_HOME_WEBAPP variables

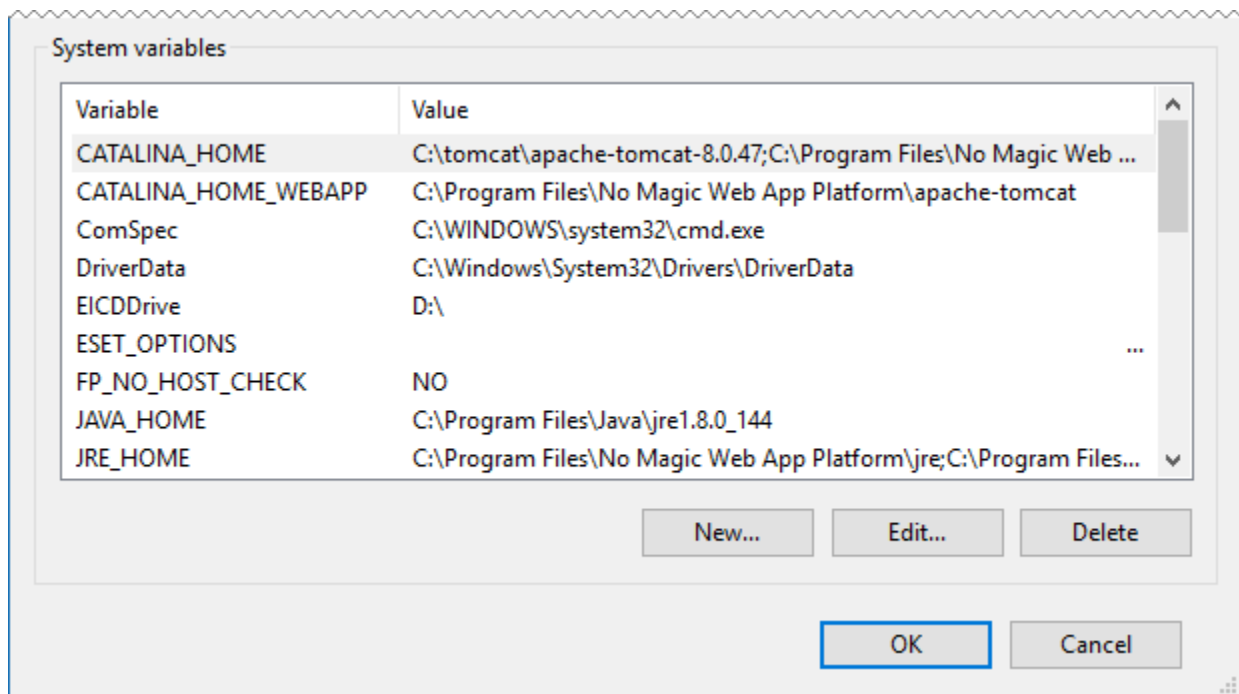
In this section, you can learn how to specify the `JRE_HOME` and `CATALINA_HOME_WEBAPP` variables in different operating systems.

To specify variables on Windows

1. Open **Control Panel** and go to **System and Security > System**.
2. Select the **Advanced system settings** option on the left side of the **System** dialog.
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` variables as shown below:

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

5. Click **OK**.



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_Platform_extracted_no-installer_directory>
export JRE_HOME=/<path_to_Java_install_directory>
```



Variable examples

```
export CATALINA_HOME_WEBAPP=/Users/admin/Desktop/Web_App_Platform_190_noinstall
```

3. Open the Terminal application and execute the following command:

```
source /etc/profile
```