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## Tomcat-maven-plugin 401 error

i am learning tomcat basics and while i tried to deploy my web-application on tomcat i am getting the following error

```
[ERROR] Failed to execute goal org.codehaus.mojo:tomcat-maven-plugin:1.1:
[ERROR]
```

as per this it seems war file location is not being passed to the tomcat manager.i have the following entries in my `tomcat-user.xml`

```
tomcat-users>
<user name="admin" password="admin" roles="admin,manager" /><!--
NOTE: The sample user and role entries below are wrapped in a comment
and thus are ignored when reading this file. Do not forget to remove
<!-- ... --> that surrounds them.
-->

<role rolename="manager"/>
<role rolename="admin"/>
<user username="admin" password="admin" roles="admin,manager"/>

</tomcat-users>
```

here are the details of the `pom.xml`

```
<build>
  <plugins>
    <plugin>
      <artifactId>maven-war-plugin</artifactId>
      <version>2.1.1</version>
      <configuration>
        <packagingExcludes>WEB-INF/web.xml</packagingExcludes>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.codehaus.mojo</groupId>
      <artifactId>tomcat-maven-plugin</artifactId>
      <configuration>
        <warFile>${project.build.directory}/${project.build.final
        <url>http://localhost:8080/manager/html</url>
        <server>myserver</server>
        <path>/mkyWebApp</path>

      </configuration>
    </plugin>
  </plugins>
</build>
```

```
</plugins>
</build>
```

in my setting.xml there are the entries

```
<server>
  <id>Tomcat6.x</id>

  <username>admin</username>
  <password>admin</password>
</server>
```

i am not sure what exactly is going wrong here.any help in this regard will be helpful.

[maven-2](#) [maven](#) [maven-plugin](#) [maven-3](#)

asked Sep 7 '11 at 17:48



[Umesh Awasthi](#)

11.3k ●5●35●89

Try to put 'localhost' instead of 'Tomcat6.x' in the 'id' field in settings.xml. – [Tarlog](#) Sep 7 '11 at 17:54

@Tarlog: what is the concept of using localhost? since using this value solved the issue so i am wondering – [Umesh Awasthi](#) Sep 8 '11 at 2:28

I'll add an explicit answer :) – [Tarlog](#) Sep 8 '11 at 9:56

## 5 Answers

You need to map the credentials from your settings.xml to the server configuration at your pom.xml.

In your case, this is done but setting the `<id>` element of your server, to match the server's host name from the pom.xml.

Since you are pointing `localhost`, the id must be also `localhost`. When you change the hostname, you must also update settings.xml.

answered Sep 8 '11 at 9:59



[Tarlog](#)

4,567 ●1●12●44

Thanks Tarlog for the description :) – [Umesh Awasthi](#) Sep 8 '11 at 10:07

Change

```
<server>
  <id>Tomcat6.x</id>
  <username>admin</username>
  <password>admin</password>
</server>
```

to

```
<server>
  <id>myserver</id>
  <username>admin</username>
  <password>admin</password>
</server>
```

If you are using tomcat 7 use

if you are using tomcat 7 use

```
<url>http://localhost:8080/manager/html</url>
```

If tomcat 6

```
<url>http://localhost:8080/manager</url>
```

start tomcat run tomcat7:deploy or tomcat6:deploy

edited Oct 11 '12 at 8:48



Alex

4,831 ● 7 ● 35 ● 75

answered Jul 8 '12 at 13:18



Mustafa SAHIN AYDI

41 ● 3

It's in the [plugin configuration docs](#): the `server/id` tag in Maven settings must match the `configuration/server` value in your POM file, i.e. put `<server>Tomcat6.x</server>` in POM file.

There are some other minor issues with your `tomcat-maven-plugin` entry in the POM file:

1. you are missing the `<version>1.1</version>` tag,
2. the `/html` suffix in the Tomcat manager URL is unnecessary (cf. the default value for `<url>` tag).

answered Jan 24 '12 at 8:42



trybik

139 ● 2 ● 7

When I was also running into this problem. My issue was using the older

```
<groupId>org.codehaus.mojo</groupId>
```

instead of using

```
<groupId>org.apache.tomcat.maven</groupId>
```

My setup is as follows

`~/m2/settings.xml`

```
<settings>
  <servers>
    <server>
      <id>localhost</id>
      <username>tomcat</username>
      <password>tomcat</password>
    </server>
  </servers>
</settings>
```

`pom.xml`

```
<plugin>
  <groupId>org.apache.tomcat.maven</groupId>
  <artifactId>tomcat6-maven-plugin</artifactId>
  <configuration>
    <url>http://localhost:8080/manager</url>
```

```
<url>http://localhost:8080/manager</url>
<server>localhost</server>
<path>/myapppath</path>
</configuration>
</plugin>
```

tomcat/conf/tomcat-users.xml

```
<tomcat-users>
  <role rolename="manager"/>
  <user username="tomcat" password="tomcat" roles="admin-gui,manager-gui,
</tomcat-users>
```

answered Jul 12 at 18:55



financeCoding  
692 ● 2 ● 10

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I Advise you to use this plugin :

```
<groupId>org.codehaus.cargo</groupId>
<artifactId>cargo-maven2-plugin</artifactId>
<version>1.1.2</version>
```

It's very helpful with Tomcat7. I Have the same issue with mojo

<groupId>org.codehaus.mojo</groupId> but now, using **Cargo** plugin, the deploy run smooth as silk.

answered Jul 23 at 14:31



Marouen  
35 ● 5

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