



# Handout SVN Webclient Installation

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This guide shall help administrators to install the SVN Webclient for an external subversion repository.

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## 2 SVN Webclient Download

Please download the SVN Webclient "war" file from [www.polarion.com](http://www.polarion.com).

The File will be used later.

## 3 Installing Apache

SVN Webclient needs an own instance of Apache running on the subversion server, It is used to generate the GUI and manage access authorization.

To install a common Apache Version for your Operating System please follow the fitting guide on [Apache Foundation Download page](#).

It is important to note all setting, especially if you are not using the default configuration.

### 3.1 Example Configuration:

#### Port Configuration:

Action	Port
Shutdown	8010
HTTP/1.1	8085
AJP/1.3	8014

**Service Name:** Tomcat7

**Login:** admin/admin

**Installation Path:** C:\Program Files\Tomcat 7.0

## 4 SVN Server Installation

If the target Server does not yet contain a Subversion repository you have to install one. Which type of Server is installed does not matter for the Webclient to work.

Choose any Webserver (eg [VisualSVN Server](#)) and note the settings set during installation.

### 4.1 Example Configuration:

**HTTP Port:** 89

*HTTPS seems to be not supported. It is intended to configure the Apache Server to allow only secure connections instead of configuring Apache to SVN (which wouldn't make too much sense if the servers are on the same machine).*

**Installation path:** C:\Program Files (x86)\VisualSVN Server\

**Repository Path:** C:\D\Repository\_VSVN\

Create a new repository "Demo\_Code" (or any other name) and give appropriate rights for admin user to the new repository!

**SVN-Web-Link:** http://schucks-pc:89/svn/Demo\_Code/

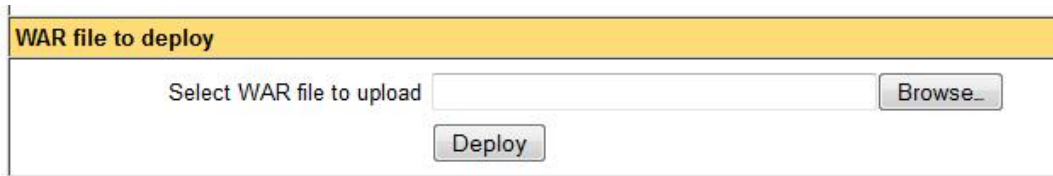
## 5 SVN Webclient

### 5.1 Installation / Deployment

Go to the Apache Tomcat App manager web-interface.



In the manager App you will find a section where you can select and deploy the SVN Webclient.war file. Please do so.



## 5.2 Configuration

Go to your tomcat installation path and navigate to the specified folder:

<b>Windows</b>	[Tomcat 7.0 home]\webapps\svnwebclient\WEB-INF
<b>Linux</b>	/var/lib/tomcat6/webapps

Open the file "web.xml".

The following parameters must be entered for basic usage. Replace sample data with the noted settings:

```
<context-param>
<param-name>RepositoryUrl</param-name>
<param-value>http://schucks-pc:89/svn/Demo_Code</param-value>
</context-param>
<context-param>
<param-name>Username</param-name>
<param-value>admin</param-value>
</context-param>
<context-param>
<param-name>Password</param-name>
<param-value>admin</param-value>
</context-param>
<context-param>
<param-name>BasicAuth</param-name>
<param-value>>true</param-value>
</context-param>
<context-param>
<param-name>RepositoryUrl</param-name>
<param-value>http://schucks-pc:89/svn/Demo_Code</param-value>
```

</context-param>

If you require a special configuration enter the other parameters as documented inline in file web.xml.

## 6 External Repository Configuration

To make the external SVN Repository be shown using the webinterface you need to configure the following parameters in the Polarion external repositories menu:

Name (id)	Actions
Visual SVN	<a href="#">Edit</a> <a href="#">Remove</a> <a href="#">Add below</a>
Default (default)	<a href="#">Remove</a> <a href="#">Add below</a>

Navigate to Repository Browser >>

**Repository Configuration**

[Save](#) [Cancel](#)

You are editing the existing global configuration. Edit and press 'Save' to apply changes.

\*ID: Visual SVN

Name:

\*Root Url: http://schucks-pc:89/svn/

User Name: admin

User Password: admin

View Location Diff Url: http://localhost:8085/svnwebclient/changedResource.jsp?url=\$

View Location Url: http://localhost:8085/svnwebclient/fileContent.jsp?url=\$location

View Url: http://localhost:8085/svnwebclient/fileContent.jsp?pegrev=\$hea

Enter the last three parameters as following;

**View Location Diff URL:**

http://localhost:8085/svnwebclient/changedResource.jsp?url=\$locationEscaped&&rev=\$revision&&action=\$action\$

**View Location URL:**

http://localhost:8085/svnwebclient/fileContent.jsp?url=\$locationEscaped&&pegrev=\$headRevision&&crev=\$revision\$

**View URL:**

http://localhost:8085/svnwebclient/revisionDetails.jsp?rev=\$revision\$