

Browse history interactively VisualWikitext	
Revision as of 09:54, 9 May 2022 (view source) Margit Link-Rodrigue (talk contribs) No edit summary Tag: 2017 source edit ← Older edit	Latest revision as of 09:57, 9 May 2022 (view source) Margit Link-Rodrigue (talk contribs) No edit summary Tag: Visual edit
Line 2:	Line 2:
TOC	_TOC_
{{Hint file=icon_optional.png text=Apache Tomcat is required for the PDF export, VisualDiff (BlueSpice pro only) and the LaTeX renderer (BlueSpice pro only). The following steps are optional and only required if you want to use one or more of these services in your BlueSpice installation.}}	{{Hint file=icon_optional.png text=Apache Tomcat is required for the PDF export. The following steps are optional and only required in you want to use this service in your BlueSpice installation.}}
{ {Hint file=hint.png text=Operation of Apache Tomcat requires [[Setup:Installation Guide/System Preparation/Windows/OpenJDK] OpenJDK]]. If you have not installed it, follow the link above.}}	{{Hint file=hint.png text=Operation of Apache Tomcat requires [[Setup:Installation Guide/System Preparation/Windows/OpenJDK] OpenJDK]]. If you have not installed it, follow the link above.}}

==Download==

==Download==

Latest revision as of 09:57, 9 May 2022

Contents	
1 Download	
2 Installing Apache Tomcat	
3 Configuring Apache Tomcat	
4 Reviewing the installation	
5 Installing the web apps	
6 Next step	





Apache Tomcat is required for the PDF export. The following steps are optional and only required if you want to use this service in your BlueSpice installation.



Operation of Apache Tomcat requires **OpenJDK**. If you have not installed it, follow the link above.

Download

Open the official download page (1) in your browser and go to the version 10 (2) download page.

+ Marca http://tomca	
	Apache Tomcat®
Search GC	Apache Tomcat
Apache Tomcat Home Taglibs Maven Plugin Download Which venjen? Tomcat 9 Tomcat 9 Tomcat 7 Tomcat 7 Tomcat Atative Taglibs Archives	The Apache Torncal [®] software is an open source implementation of the Java Serviet, JavaServer Pages, Java Expression Language and Java WebSocket lectinotogies. The Java Serviet, JavaServer Pages, Java Expression Language and Java WebSocket specifications are developed under the Java Serviet, JavaServer Pages, Java Expression Language and Java WebSocket specifications are developed under the Apache Torncat Service Pages, Java Expression Language and Java WebSocket specifications are developed under the Interval Pages and Java WebSocket specifications are developed under the Apache Torncat Torist Interval to be a collaboration of the best-of-breed developers from anound the world. We interval the volu to participate in this open developed in pages. To learn more abulgeting interval <u>calls inter</u> Services and their software power numerous impressed in <u>the Servicession</u> , with page. Apache Torncat Tories. Tornat, Tornat, Apache, Ite Apache feather, and the Apache Torncat project logo are trademarks of the Apache Software Foundation. Tornat 7.0.93 Released
Documentation Tomcat 9.0 Tomcat 8.5 Tomcat 7.0 Tomcat Connectors Tomcat Native Wiki Migration Guide Presentations	The Apache Terneal Project is proved to announce the release of version 7.0.93 of Apache Tomcat. This release contains a number of bug fixes and improvements compared to version 7.0.92. Update the parkaged version of the Tomcat Natilve Library to 1.2.21 to pick up the latest Windows binaries built with APR 1.6.5 and OpenSSL 1.1.1 a and to pick up the memory leak fixes when using NONNO2 with OpenSSL. Full details of these changes, and all the other changes, are available in the <u>Timent 7 changetog</u> . <u>Download</u>
Problems? Security Reports	Tomcat 9.0.16 Released 2019-02-08
Find help FAQ Mailing Lists Bug Database	The Apache Tomcat Project is proud to announce the release of version 9.0.16 of Apache Tomcat. The notable changes compared to 9.0.14 include: • Update the packaged version of the Tomcat Native Library to 1.2.21 to pick up the memory leak these when using NIONIO2 with OpenSSL.

Download the "32-bit/64-bit Windows Service Installer"

🗲 🕙 🛃 https://tomcat.ap	ache.org/download-90.cgi 🖉 🤤)
Apache Tomcat® - Apache		
Taglibs Maven Plugin		~
0	Quick Navigation	
Download Which version? Tomcat 9	KEYS 9.0.16 Browse Archives	
Tomcat 8	Release Integrity	
Tomcat 7 Tomcat Connectors Tomcat Native Taglibs Archives	You must smith the integrity of the downloaded files. We provide OpenPGP signatures for every release the. This signature should be matched against the KECIS file which codures the OpenPGP server of must relate should be provide space. The server should be the server is the server is a file server should be added by the server is a server is the same as our.	
Documentation	Mirrors	
Tomcat 9.0 Tomcat 8.5 Tomcat 7.0 Tomcat Connectors Tomcat Native Wiki	You are currently using http://www.gutscheine.org/mirror/apache/ If you encounter a problem with this mirror, please select another mirror. If all mirrors are failing, there are backup mirrors (at the end of the mirrors isit) that should be available. Other mirrors [http://apache.lauf.forum.at/	
Wiki Migration Guide Presentations	9.0.16	
Problems?	Please see the <u>README</u> file for packaging information. It explains what every distribution contains.	
Security Reports Find help FAQ Mailing Lists Bug Database IRC	Binary Distributions • Core: • 20 (pdp. stats12) • 11 rd2 (pdp. stats12)	
Get Involved Overview Source code Buildbot Tools	- 32-bit Vindows zpr (pog. sha512) - 64-bit Vindows zpr (pog. sha512) - 22-88-24-24 Vindows Serveck Installer (pog. sha512) - Ful do documentation - ful documentation	
Media Twitter YouTube Blog	- 20 (QG) Static) - Ennecoded: - Ennecoded: - 20 (QG) Static) - 20 (QG) Static)	~

Please note that the download on your Windows server with Internet Explorer only works if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical



documentation from Microsoft.

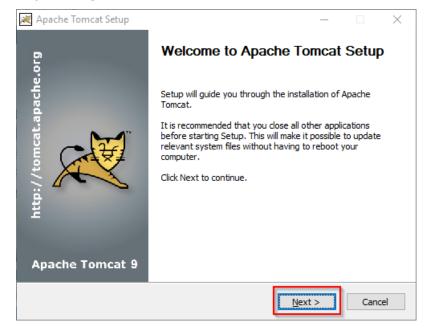


This guide uses version 9.0.16 of Apache Tomcat and is just an example of the latest version that you can download at the time of installation.

Installing Apache Tomcat

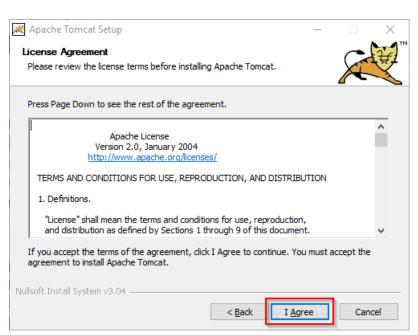
Open the downloaded file "apache-tomcat-10.0.12.exe".

Start the installation by clicking "Next >":



Confirm the license agreement by clicking "I Agree":





Click "Next >":

😹 Apache Tomcat Setup		- 🗆 🗙
Choose Components Choose which features of Ap	ache Tomcat you want to install.	
Check the components you w install. Click Next to continue	vant to install and uncheck the com	ponents you don't want to
Select the type of install:	Normal 🗸 🗸	
Or, select the optional components you wish to install:	Tomcat Tomcat Start Menu Items Occumentation Manager Host Manager Examples	Description Position your mouse over a component to see its description,
Space required: 13.2 MB		
Nullsoft Install System v3.04 —		
	< <u>B</u> ack	Next > Cancel

Click "Next >" again:



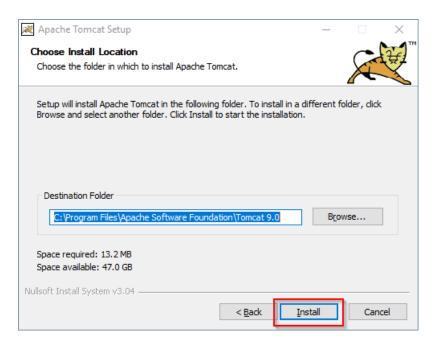
💐 Apache Tomcat Setup: Configuration Options			_		×
Configuration Tomcat basic configuration.					
Server Shutdown Port		8005			
HTTP/1.1 Connector Port		8080			
Windows Service Name		Tomcat9			
Create shortcuts for all users					
Tomcat Administrator Login (optional)	User Name]	
(op donal)	Password				
	Roles	manager-gui			
Nullsoft Install System v3.04					
		< Back N	ext >	Cance	el 👘

Select (1) the home directory of your OpenJDK Installation (2) and click "Next>" (3):

🗮 Apache Tomcat Setup		– 🗆 X
Choose Components Choose which features of	Apache Tomcat you want to install.	
Check the components you install. Click Next to contin	u want to install and uncheck the compue.	ponents you don't want to
Select the type of install:	Normal 🗸 🗸 🗸	
Or, select the optional components you wish to install:	Tomcat Start Menu Items Occumentation Manager Host Manager Examples	Description Position your mouse over a component to see its description,
Space required: 13.2 MB		
Nullsoft Install System v3.04	< <u>B</u> ack	Next > Cancel

Start the Tomcat Installation:





At the end of the installation, leave both preselected checkboxes (1) and finish the setup (2)

🗮 Apache Tomcat Setup	– – ×
0.0	Completing Apache Tomcat Setup
http://tomcat.apache.org	Apache Tomcat has been installed on your computer. Finish to close Setup. Run Apache Tomcat show Readme
Apache Tomcat 9	2
	< Back Finish Cancel

Configuring Apache Tomcat

Change to the installation directory of Tomcat. By default, you can find it at C:\Program Files\Apache Software Foundation\Tomcat 9.0\conf.

Open the context.xml file in a text editor and replace the one-time line

<Context>

with

<Context mapperContextRootRedirectEnabled="true">



	oundation\Tomcat 9.0\conf\context.xml - Notepad++	[Administrator]	_	×
e Edit Search View Encoding	anguage Settings Tools Macro Run Plugins	Window ?		
📑 🖶 🐚 😼 🖓 👘))) C # 🖕 🍳 🔍 🖫 🖼 🚍 🗉 1	🃜 🐺 📓 🖉 🚞 👁 📄 🗎 🔛	22	
context xml 🔀				
1 xml version="1.0"</td <td>encoding="UTF-8"?></td> <td></td> <td></td> <td> _</td>	encoding="UTF-8"?>			 _
2 = </th <th></th> <th></th> <th></th> <th></th>				
3 Licensed to the J	ache Software Foundation (ASF) under	one or more		
4 contributor licer	e agreements. See the NOTICE file o	listributed with		
5 this work for add	tional information regarding copyrig	ht ownership.		
6 The ASF licenses	his file to You under the Apache Lio	ense, Version 2.0		
<pre>7 (the "License");</pre>	ou may not use this file except in o	ompliance with		
8 the License. You	may obtain a copy of the License at			
9				
0 http://www.ap	che.org/licenses/LICENSE-2.0			
.1				
	applicable law or agreed to in writ			
	the License is distributed on an "AS			
	OR CONDITIONS OF ANY KIND, either e			
	r the specific language governing pe	rmissions and		
.6 limitations under	the License.			
L7 L>				
L8 C: The contents	this file will be loaded for each w	eb application>		
	xtRootRedirectEnabled="true">			
20				
	of monitored resources. If one of t			
	tion will be reloaded.	>		
	>WEB-INF/web.xml			
	>WEB-INF/tomcat-web.xml <td></td> <td></td> <td></td>			
	>\${catalina.base}/conf/web.xml <td>hedResource></td> <td></td> <td></td>	hedResource>		
26		_		
<pre>17 <!-- Uncomment 18 - <!</pre--></pre>	his to disable session persistence a	cross iomcat restarts>		
18 El <br 19 (Manager pathna)				
<pre>(Manager pathno))></pre>				
30>				
12 -				

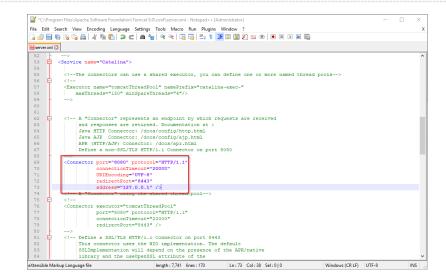
Save and close the file.

In the same directory, open the file server.xml in a text editor and make sure that the complete block

```
<Connector port="8080" protocol="HTTP/1.1"
... />
```

looks like this:

```
<Connector port="8080" protocol="HTTP/1.1"
connectionTimeout="20000"
URIEncoding="UTF-8"
redirectPort="8443"
address="127.0.0.1" />
```



Save and close the file.

Find the entry "Configure Tomcat" in the start menu and open it:



≡	Recently added	Windows Server		
	Configure Tomcat			
	Monitor Tomcat		Windows	Windows
	HeidiSQL	Server Manager	PowerShell	PowerShell ISE
	Expand \checkmark			
	#	÷		
	7-Zip ~	Windows Administrativ	Task Manager	Control Panel
	A			
	Apache Tomcat 9.0 Tomcat9 ^	Remote	a 0	
	Configure Tomcat	Desktop	Event Viewer	File Explorer
	Monitor Tomcat New			
8	Tomcat 9.0 Program Directory			
ß	omcat Documentation			
	Tomcat Home Page			
	Tomcat Manager			
ŝ	Welcome			
Φ	F			

Set "Startup type" to "Automatic" (1) and start Tomcat (2). Then exit the configuration console (3):

🍗 Apache Tomca	t 9.0 Tomcat9 Properties	×
General Log On	Logging Java Startup Shutdown	
Service Name:	Tomcat9	
Display <u>n</u> ame:	Apache Tomcat 9.0 Tomcat9	
Description:	Apache Tomcat 9.0.16 Server - https://tomcat.apa	che
Path to executal	ble:	
"C:\Program Fil	es\Apache Software Foundation\Tomcat 9.0\bin\Tomca	at9.
Startup type:	Automatic 1	\sim
Com in Shahara	Otod	-
Service Status:	Stopped	
<u>S</u> tart	2 pp Pause Restart	
	_	
	ОК Зсе дря	ply



Reviewing the installation

To check if Tomcat is working correctly, open the address http://localhost:8080/ in a browser on the server.

You should now see the homepage of the Tomcat server:

(-) R http://localhost:8080/		- C Search	
Apache Tomcat/9.0.16 ×		• C Search	w w w 🤟
Home Documentation Configuration	Examples Wiki Mailing Lists	Find	d Help
Apache Tomcat/9.0.16	APACHE SOFTWARE FOUNDATION		
If you're seeing this	s, you've successfully installed Tomca	at. Congratulations!	
Recommended Rea	•	Server Status	
Security Consideration		Manager App	
Clustering/Session R	eplication How-To	Host Manager	-
Developer Quick Start			
Tomcat Setup Realms & AA	A Examples	Servlet Specifications	
First Web Application JDBC DataSet		Tomcat Versions	
Managing Tomcat	Documentation	Getting Help	
For security, access to the <u>manager webapp</u> is restricted. Users are defined in:	Tomcat 9.0 Documentation	FAQ and Mailing Lists	
\$CATALINA HOME/conf/tomcat-users.xml	Tomcat 9.0 Configuration	The following mailing lists are available:	
In Tomcat 9.0 access to the manager	Tomcat Wiki	tomcat-announce Important announcements, releases, securi	ity
application is split between different users.	Find additional important configuration information in:	vulnerability notifications. (Low volume). tomcat-users	
Read more	\$CATALINA_HOME/RUNNING.txt	User support and discussion	
Release Notes	Developers may be interested in:	taglibs-user User support and discussion for Apache Taglib	15
Changelog	Tomcat 9.0 Bug Database	tomcat-dev Development mailing list, including commit	~
Migration Cuida		Development maning tot, including commit	

Installing the web apps

[[File:{{{file}}}Please unzip the installed BlueSpice folder and move the subfolder to C:[center]]\bluespice\var\www. Rename the folder to "w".

After the successful installation of BlueSpice, please follow the next steps to install the web services and activate the respective BlueSpice extension:

• PDF-Export

Next step

If you have completed all steps successfully, you can delete the previously downloaded "apachetomcat-10.0.11.exe" file from your hard drive and continue to the next step " Elasticsearch".