

# Servoy stack info

This page provides an overview of all the open source, 3rd party components that are used by Servoy internally to provide the Servoy Application Server, the different Servoy Clients and Servoy Developer. Servoy takes care of the integration of these different components into the different Servoy products. As such, this overview is of informative nature.

## Servoy

Package	Package version	Website	License	Basic function	Comment
Apache Tomcat	6.0.37	<a href="http://tomcat.apache.org/">http://tomcat.apache.org/</a>	Copyright (C) 1999, 2000 The Apache Software Foundation <a href="#">Apache Software License, Version 1.1</a>	Servlet container	Non modified, but stripped down distribution
Terracotta	3.1.1 - 3.4.1, 3.7.0 or higher	<a href="http://www.terracotta.org/">http://www.terracotta.org/</a>		Application Server Clustering support	Not bundled, only integration options provided
Apache Wicket		<a href="http://wicket.apache.org/">http://wicket.apache.org/</a>	Copyright (C) 1999, 2000 The Apache Software Foundation <a href="#">Apache Software License, Version 2.0</a>	Web Framework	
Mozilla Rhino	1.7R3	<a href="http://www.mozilla.org/rhino/">http://www.mozilla.org/rhino/</a>	Copyright (C) 1997-1999 Netscape Communications Corporation. <a href="#">Netscape Public License Version 1.1</a>	JavaScript engine	
Hibernate		<a href="https://www.hibernate.org/">https://www.hibernate.org/</a>	<a href="#">GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999</a>	ORM mapping and SQL dialects	
Java Service Wrapper		<a href="http://www.tanukisoftware.com/en/wrapper.php">http://www.tanukisoftware.com/en/wrapper.php</a>	Commercial	Running the Application Server automatically on server start	

## Database

Package	Package version	Website	License	Basic function	Comment
PostgreSQL	8.4	<a href="http://www.postgresql.org">http://www.postgresql.org</a>		Storage	Only bundled as default, can be replaced with any database
PostgreSQL JDBC driver				JDBC Driver	
<a href="#">Sybase SQL Anywhere driver</a>				JDBC Driver	
<a href="#">jTDS JDBC driver for Microsoft SQL Server</a>		<a href="http://jtds.sourceforge.net/">http://jtds.sourceforge.net/</a>	<a href="#">GNU Lesser General Public License</a>	JDBC Driver	Default bundled driver for Microsoft SQL Server. It is known to cause some issues with date filtering.  The recommended driver is sqljdbc42.jar and can be downloaded from <a href="https://msdn.microsoft.com/en-us/library/mt683464(v=sql.110).aspx">https://msdn.microsoft.com/en-us/library/mt683464(v=sql.110).aspx</a> .
<a href="#">Firebird JDBC driver</a>				JDBC Driver	
<a href="#">HSQLDB JDBC driver</a>				JDBC Driver	

## Servoy Developer

Package	Package version	Website	License	Basic function	Comment
Eclipse	3.7.2	<a href="http://www.eclipse.org/">http://www.eclipse.org/</a>	<a href="#">Eclipse Public License - v 1.0</a>	IDE	
Dynamic Languages Toolkit (Core)	5.0.0	<a href="http://www.eclipse.org/dltk/">http://www.eclipse.org/dltk/</a>	<a href="#">Eclipse Public License - v 1.0</a>	JavaScript editor & debugger	
Dynamic Languages Toolkit (JavaScript)	5.0.0	<a href="http://www.eclipse.org/dltk/">http://www.eclipse.org/dltk/</a>	<a href="#">Eclipse Public License - v 1.0</a>	JavaScript editor & debugger	

## Web Client

Package	Package version	Website	License	Basic function	Comment
YUI	2.7	<a href="http://developer.yahoo.com/yui/">http://developer.yahoo.com/yui/</a>			Web Client only, used components: <a href="#">Drag and Drop utility</a> , <a href="#">Resize Utility</a> , <a href="#">Menu</a> : Components are dynamically loaded when the UI requires it
jQuery	1.8.2	<a href="http://jquery.com/">http://jquery.com/</a>			Web Client only, dynamically loaded when the UI requires it. Used for formatted fields
jQuery masked-input plugin	1.2.2	<a href="http://digitalbush.com/projects/masked-input-plugin/">http://digitalbush.com/projects/masked-input-plugin/</a>			Web Client only, dynamically loaded when the UI requires it. Used for formatted fields

jQuery Numpad Decimal Separator plugin	1.1.2	<a href="https://code.google.com/p/numpad-decimal-separator/">https://code.google.com/p/numpad-decimal-separator/</a>	MIT		
jQuery Placeholder plugin	2013-01-01	<a href="https://github.com/diy/jquery-placeholder">https://github.com/diy/jquery-placeholder</a>	Apache 2.0		