



**Apache  
Tomcat 7**

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**The Apache  
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<http://www.apache.org/>

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# Startup

## Server Startup

Tomcat服务器是如何启动的

[This page](#) describes [how the Tomcat server starts up](#). There are several different ways to start tomcat, including:

- From the [command line](#).
- From a Java program as an embedded server.
- Automatically as a Windows service.

## description

启动过程

A text description of [the startup procedure](#) is available [here](#).

## diagram

A [UML sequence diagram of the startup procedure](#) is available [here](#).

## comments

The startup process can be customized in many ways, both by modifying Tomcat code and by implementing your own [LifecycleListeners](#) which are then registered in the [server.xml](#) configuration file.

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