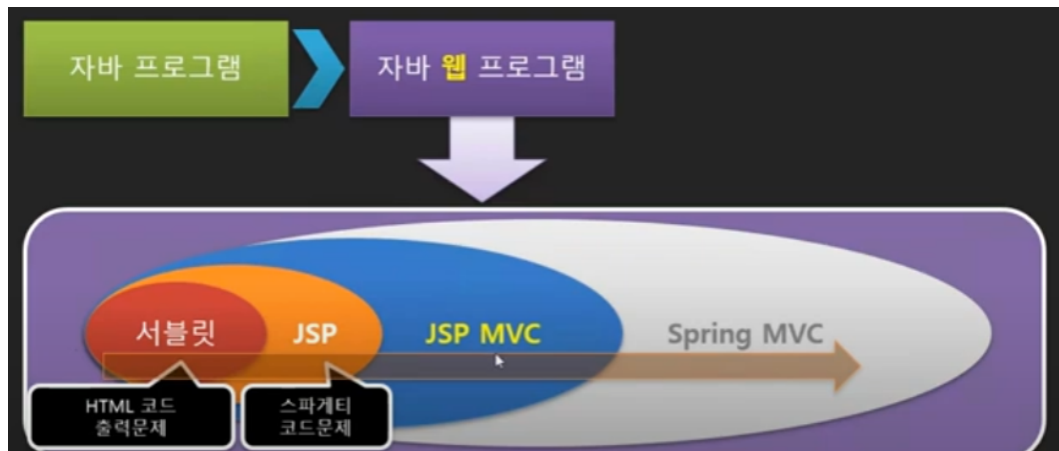


# Servlet / Jsp

## 자바 웹 프로그램

서블릿 html 코드 출력 문제 → jsp 스파게티 코드 문제 → JSP MVC → Spring MVC




클라이언트(요청자) 프로그램 ↔ 서버(제공자) 프로그램

- 웹을 통해 브라우저로 어떠한 것을 요청할 수 있는 환경을 갖고 있고, 그 요청에 대해서 응답할 수 있는 서버에서 그에 대한 응답을 준다.


- 톰캣 설치하기


← → ↻ tomcat.apache.org/download-90.cgi

GitHub Online C Compiler... 학습 기록 AI 마케팅 콘텐츠... 쿠팡! 아고다 quizman.netlify.app >> 모든 북마크




# Apache Tomcat®





**COMMUNITY CODE**



**Denver, Colorado**  
October 7-10, 2024

**Apache Tomcat**

- Home
- Taglibs
- Maven Plugin

**Download**

- Which version?
- Tomcat 11 (beta)
- Tomcat 10
- Tomcat 9
- Tomcat Migration Tool for Jakarta EE
- Tomcat Connectors
- Tomcat Native
- Taglibs
- Archives

**Documentation**

- Tomcat 11.0 (beta)
- Tomcat 10.1
- Tomcat 9.0
- Upgrading
- Tomcat Connectors
- Tomcat Native 2
- Tomcat Native 1.3
- Wiki
- Migration Guide
- Presentations
- Specifications

**Problems?**

## Tomcat 9 Software Downloads

Welcome to the Apache Tomcat® 9.x software download page. This page provides download links for obtaining the latest version of Tomcat 9.0.x software, as well as links to the archives of older releases.

Unsure which version you need? Specification versions implemented, minimum Java version required and lots more useful information may be found on the ["which version?"](#) page.

### Quick Navigation

[KEYS](#) | [9.0.93](#) | [Browse](#) | [Archives](#)

### Release Integrity

You **must** [verify](#) the integrity of the downloaded files. We provide OpenPGP signatures for every release file. This signature should be matched against the [KEYS](#) file which contains the OpenPGP keys of Tomcat's Release Managers. We also provide SHA-512 checksums for every release file. After you download the file, you should calculate a checksum for your download, and make sure it is the same as ours.

### Mirrors

You are currently using <https://d1cdn.apache.org/>. 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 list) that should be available.

Other mirrors:

### 9.0.93

Please see the [README](#) file for packaging information. It explains what every distribution contains.

### Binary Distributions

- Core:
  - [zip \(pgp, sha512\)](#)
  - [tar.gz \(pgp, sha512\)](#)
  - [32-bit Windows zip \(pgp, sha512\)](#)
  - [64-bit Windows zip \(pgp, sha512\)](#)
  - [32-bit/64-bit Windows Service Installer \(pgp, sha512\)](#)
- Full documentation:

- 톰캣 정상 설치 확인 - startup.bat 실행




← → ↻ ↺ localhost:8080

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Home Documentation Configuration Examples Wiki Mailing Lists Find Help

## Apache Tomcat/9.0.93

If you're seeing this, you've successfully installed Tomcat. Congratulations!



**Recommended Reading:**

- [Security Considerations How-To](#)
- [Manager Application How-To](#)
- [Clustering/Session Replication How-To](#)

[Server Status](#) [Manager App](#) [Host Manager](#)

**Developer Quick Start**

- [Tomcat Setup](#)
- [First Web Application](#)
- [Realms & AAA](#)
- [JDBC DataSources](#)
- [Examples](#)
- [Servlet Specifications](#)
- [Tomcat Versions](#)

### Managing Tomcat

For security, access to the [manager webapp](#) is restricted. Users are defined in:

```
$CATALINA_HOME/conf/tomcat-users.xml
```

In Tomcat 9.0 access to the manager application is split between different users. [Read more...](#)

[Release Notes](#)

[Changelog](#)

[Migration Guide](#)

[Security Notices](#)

### Documentation

[Tomcat 9.0 Documentation](#)

[Tomcat 9.0 Configuration](#)

[Tomcat Wiki](#)

Find additional important configuration information in:

```
$CATALINA_HOME/RUNNING.txt
```

Developers may be interested in:

- [Tomcat 9.0 Bug Database](#)
- [Tomcat 9.0 JavaDocs](#)
- [Tomcat 9.0 Git Repository at GitHub](#)

### Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

- [tomcat-announce](#)  
Important announcements, releases, security vulnerability notifications. (Low volume).
- [tomcat-users](#)  
User support and discussion
- [taglibs-user](#)  
User support and discussion for [Apache Taglibs](#)
- [tomcat-dev](#)  
Development mailing list, including commit messages

Other Downloads

- [Tomcat Connectors](#)
- [Tomcat Native](#)
- [Taglibs](#)
- [Deployer](#)

Other Documentation

- [Tomcat Connectors](#)
- [mod\\_jk Documentation](#)
- [Tomcat Native](#)
- [Deployer](#)

Get Involved

- [Overview](#)
- [Source Repositories](#)
- [Mailing Lists](#)
- [Wiki](#)

Miscellaneous

- [Contact](#)
- [Legal](#)
- [Sponsorship](#)
- [Thanks](#)

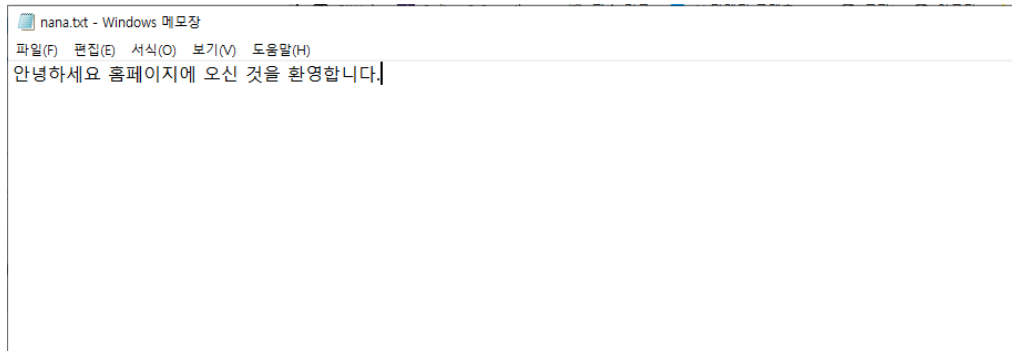
Apache Software Foundation

- [Who We Are](#)
- [Heritage](#)
- [Apache Home](#)
- [Resources](#)

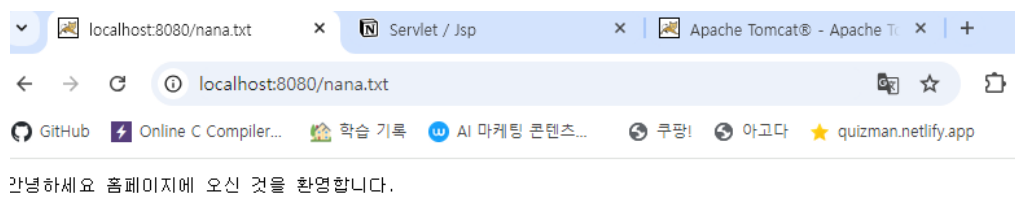
## • 테스트 문서 만들고 서비스하기

- 압축 폰 톰캣 폴더 안에 ROOT 폴더 안에 새로운 텍스트 문서 만들기 -nana.txt

| tools > apache-tomcat-9.0.93-windows-x64 > apache-tomcat-9.0.93 > webapps > ROOT |                     |                      |      |  |
|--|---------------------|----------------------|------|--|
| <input type="checkbox"/> 이름  | 수정된 날짜              | 유형                   | 크기   |  |
| WEB-INF  | 2024-08-02 오후 9:25  | 파일 폴더                |      |  |
| asf-logo-wide.svg  | 2024-08-02 오후 9:25  | Microsoft Edge H...  | 27KB |  |
| bg-button.png  | 2024-08-02 오후 9:25  | PNG 파일               | 1KB  |  |
| bg-middle.png  | 2024-08-02 오후 9:25  | PNG 파일               | 2KB  |  |
| bg-nav.png   | 2024-08-02 오후 9:25  | PNG 파일               | 2KB  |  |
| bg-upper.png   | 2024-08-02 오후 9:25  | PNG 파일               | 4KB  |  |
| favicon.ico  | 2024-08-02 오후 9:25  | 아이콘                  | 22KB |  |
| index.jsp  | 2024-08-02 오후 9:25  | Java Server Pages... | 13KB |  |
| nana.txt   | 2024-09-10 오후 11:24 | 텍스트 문서               | 1KB  |  |
| RELEASE-NOTES.txt  | 2024-08-02 오후 9:25  | 텍스트 문서               | 7KB  |  |
| tomcat.css   | 2024-08-02 오후 9:25  | CSS file             | 6KB  |  |
| tomcat.svg   | 2024-08-02 오후 9:25  | Microsoft Edge H...  | 68KB |  |

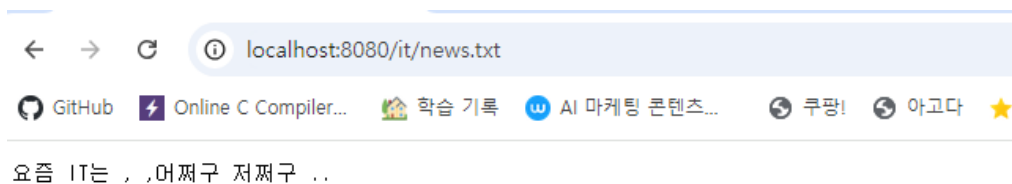


- 주소창에 8080/nana.txt 검색하기



## Context 사이트 추가하기

- server.xml 파일에서 수정



- 서버를 꺾다 켜야 하기때문에 서비스중인경우 지양한다.
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