

1) Javascript 환경 구축

Java JDK 설치

- <https://www.oracle.com/java/technologies/downloads/> 접속

- 다운로드 및 설치

Documentation Download		
Linux	macOS	Windows
Product/file description	File size	Download
x64 Compressed Archive	170.64 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256 🔗)
x64 Installer	151.99 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256 🔗)
x64 MSI Installer	150.88 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256 🔗)

Tomcat 설치

- <http://tomcat.apache.org/> 접속

- 다운로드

10.0.12

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:
 - [tar.gz](#) ([pgp](#), [sha512](#))
- Deployer:
 - [zip](#) ([pgp](#), [sha512](#))
 - [tar.gz](#) ([pgp](#), [sha512](#))
- Embedded:
 - [tar.gz](#) ([pgp](#), [sha512](#))
 - [zip](#) ([pgp](#), [sha512](#))

Source Code Distributions

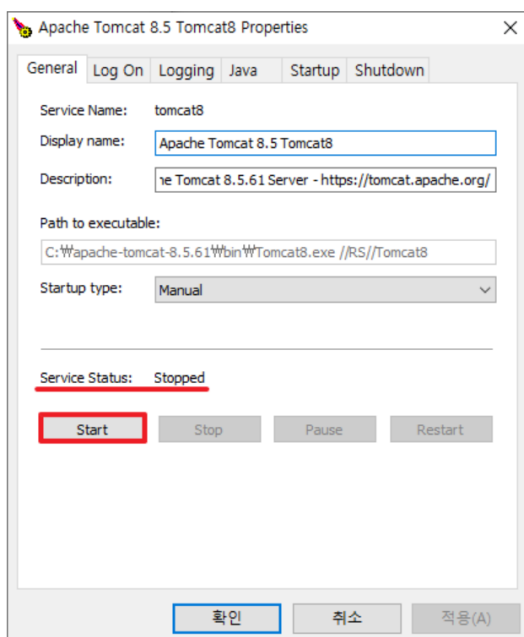
- [tar.gz](#) ([pgp](#), [sha512](#))

- C 드라이브에 해당 파일 압출 풀기

- bin 폴더 내의 service.bat 설치

```
관리자: 명령 프롬프트
C:\apache-tomcat-8.5.61\bin>service.bat install
Neither the JAVA_HOME nor the JRE_HOME environment variable is defined.
Service will try to guess them from the registry.
Installing the service 'Tomcat8' ...
Using CATALINA_HOME: "C:\apache-tomcat-8.5.61"
Using CATALINA_BASE: "C:\apache-tomcat-8.5.61"
Using JAVA_HOME: ""
Using JRE_HOME: ""
Warning: Neither 'server' nor 'client' jvm.dll was found at JRE_HOME.
Using JVM: "auto"
The service 'Tomcat8' has been installed.
C:\apache-tomcat-8.5.61\bin>
```

- bin 폴더 내 'tomcat8w.exe' 파일 실행 및 서비스 시작



- Tomcat 실행 후 '127.0.0.1:8080' 접속 시 아래와 같은 화면이 나온다면 정상 설치를 의미함


Apache Tomcat/8.5.61 x +

← → ↻ ⓘ 127.0.0.1:8080

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/8.5.61

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

[Release Notes](#)
[Changelog](#)
[Migration Guide](#)
[Security Notices](#)

Documentation

[Tomcat 8.5 Documentation](#)
[Tomcat 8.5 Configuration](#)
[Tomcat Wiki](#)

Find additional important configuration information in:

`$CATALINA_HOME/RUNNING.txt`

Developers may be interested in:

- [Tomcat 8.5 Bug Database](#)
- [Tomcat 8.5 JavaDocs](#)
- [Tomcat 8.5 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](#)

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Apache Software Foundation

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

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참고자료

- <https://byounghee.tistory.com/224>
- <https://overit.tistory.com/entry/JavaScript-ApacheTomcat>

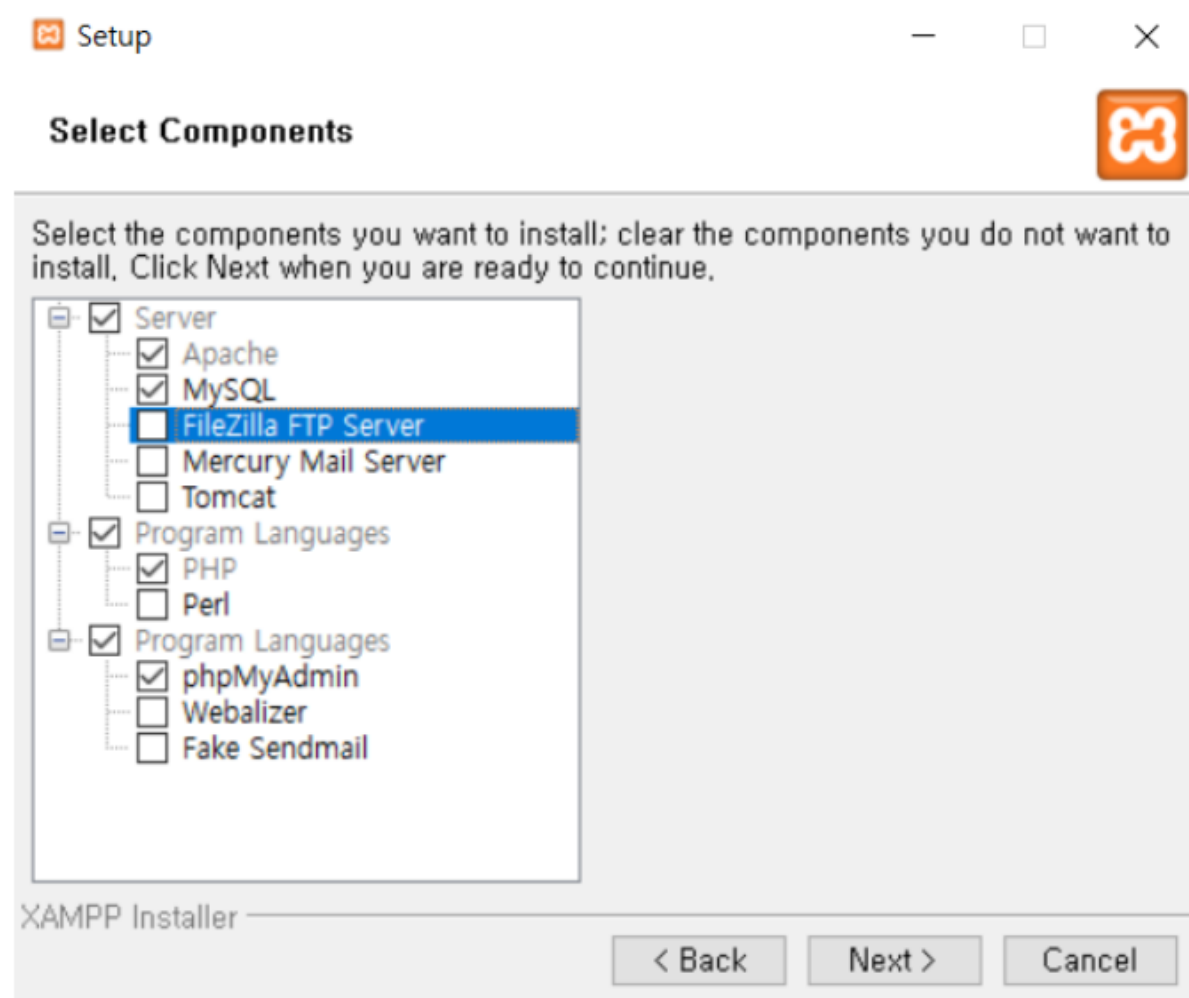
2) PHP 환경 구축

#서버구축 프로그램 XAMPP 다운로드

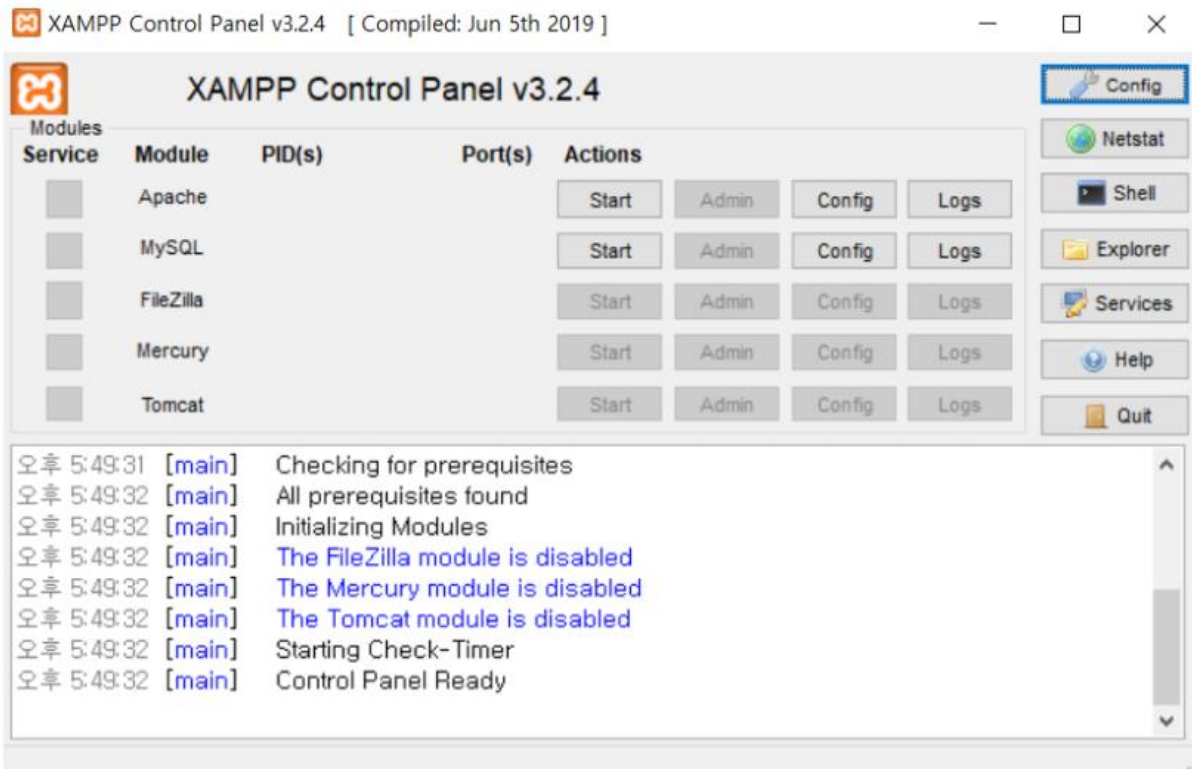
- <https://www.apachefriends.org/index.html> 접속 및 다운로드



- 패키지 설치



- XAMPP Control Panel 수행하여 Apache 서버 실행



- <http://localhost> 에 접속하여 아래의 화면이 나온다면 설치 및 구동 완료



Welcome to XAMPP for Windows 7.4.2

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the FAQs to learn how to protect your site. Alternatively you can use WAMP, MAMP or LAMP which are similar packages which are more suitable for production.

Start the XAMPP Control Panel to check the server status.

참고자료

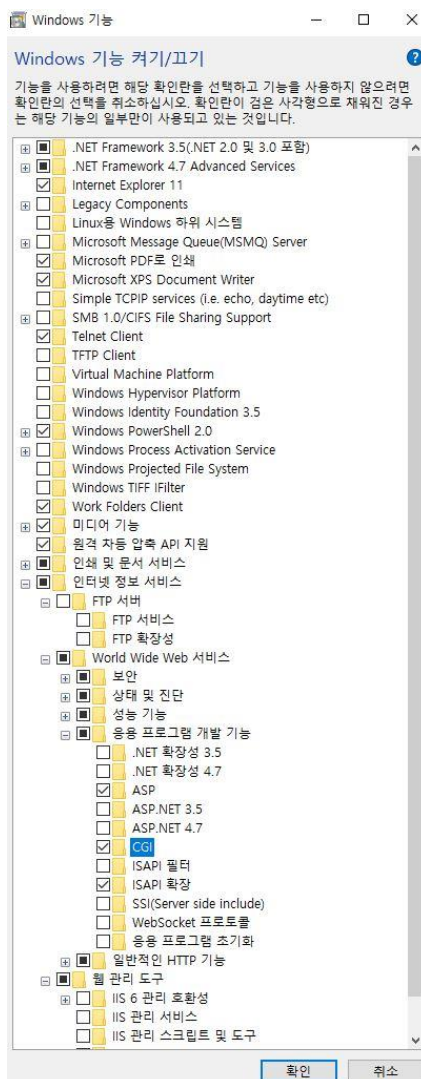
- <https://youngdev57.tistory.com/17>

3) ASP 환경 구축

- 제어판 → 프로그램 → 프로그램 및 기능에서 Windows 기능 켜기/끄기 선택



- ASP 관련 프로그램 설정



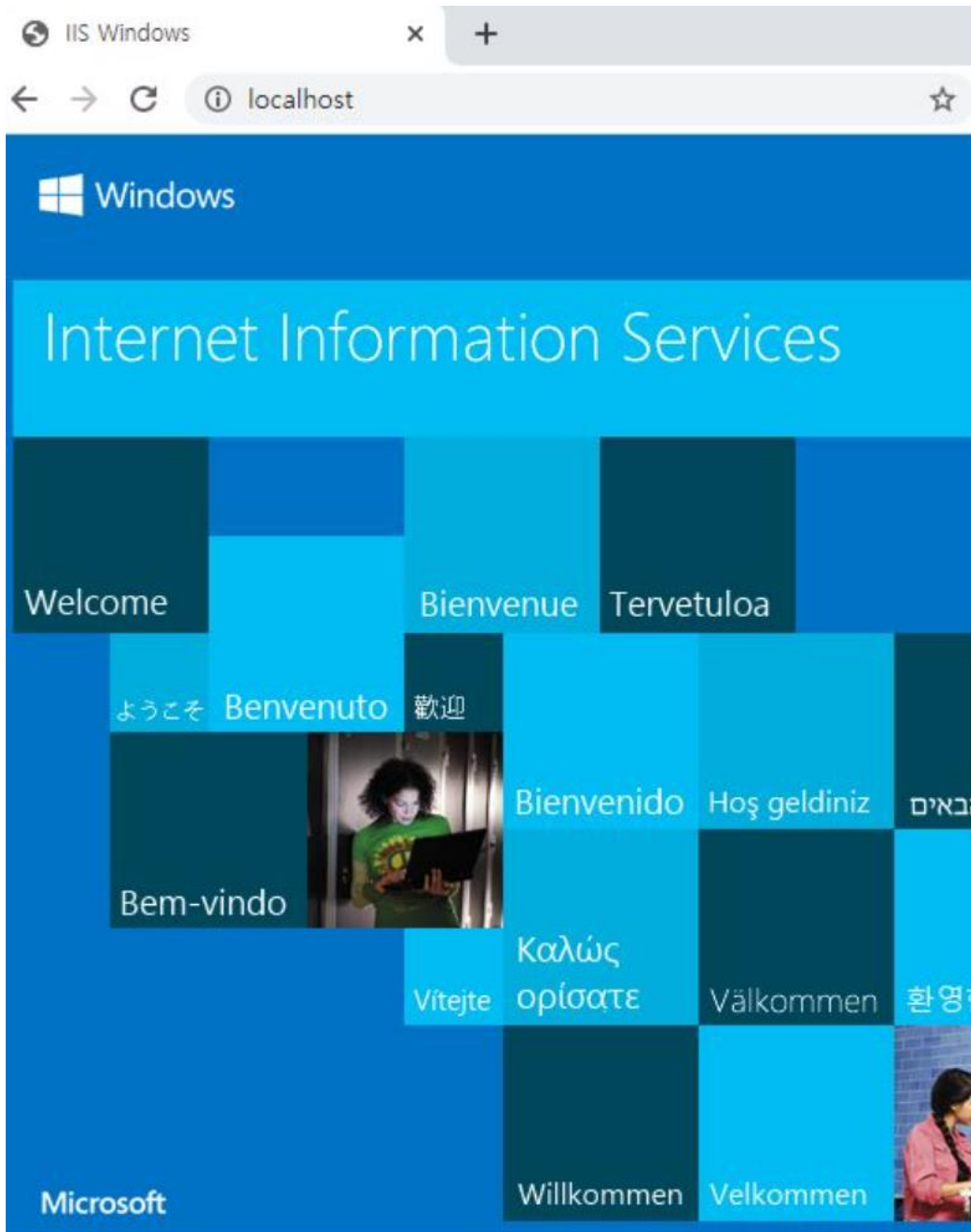
- 시작화면에서 IIS 관리자 실행



- 오른쪽 관리에서 시작 또는 다시시작 선택



- <http://localhost> 접속 시 아래와 같은 화면이 뜬다면 설치 및 구동 완료



참고자료

- <https://jjongdiary.tistory.com/48>