

## **SW requirement:Java Full stack Induction Training 2021**

**Google drive link for requirement download:**

**[https://drive.google.com/file/d/1fixozfRkxwa5U31RsG9wSXxQ4\\_5dnc7/view?usp=sharing](https://drive.google.com/file/d/1fixozfRkxwa5U31RsG9wSXxQ4_5dnc7/view?usp=sharing)**

### **SW required:**

1. jdk 8u261
2. Apache Maven 3.6.1
3. git 2.17
4. mysql 5.5
5. spring sts 4
6. tomcat 9.x
7. Node JS v8.10.0
8. visual studio code 1.47.3

Note:

Adding the lab set up environment which is same as used for previous batches delivered. Good open uninterrupted INTERNET Connectivity is MUST to deliver Virtual smoothly.

SW installation guideline:

### **1. jdk 8u261**

Step 1: download and install jdk 1.8

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Choose : jdk-8u261-windows-x64.exe

**Note : You need to sign up for oracle account**

Please set path for environment variable:

JAVA\_HOME :C:\Program Files\Java\jdk1.8.0\_261

path : C:\Program Files\Java\jdk1.8.0\_261\bin

**Help Video: <https://www.youtube.com/watch?v=ClcHrcNXP9g>**

### **2. Apache Maven 3.6.3**

Just search google apache-maven-3.6.3-bin.zip and download it

apache-maven-3.6.3-bin

Extract maven , create a folder with name tools in D driver and put into that

Please set path for environment variable:

M2\_HOME

d:\tools\apache-maven-3.6.3

path: d:\tools\apache-maven-3.6.3\bin

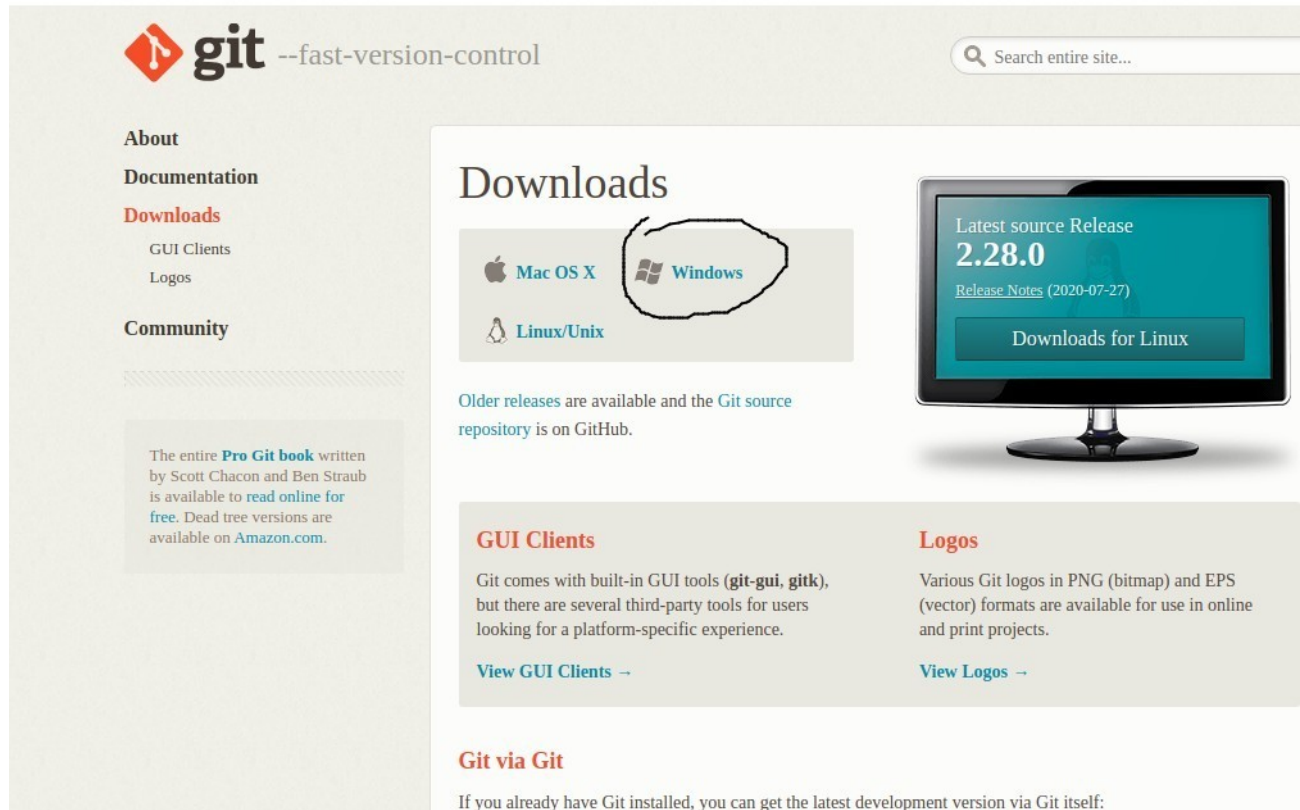
Help video: <https://www.youtube.com/watch?v=RfCWg5ay5B0>

### 3. GIT

<https://git-scm.com/downloads>

Download for window and just double click and installed.

🔒 git-scm.com/downloads



Help Video: <https://www.youtube.com/watch?v=JMsGZ0KR3sY>

### 4. Install mySql

dev.mysql.com/downloads/mysql/5.7.html

## MySQL Community Server 5.7.31

Select Version:  
5.7.31

Select Operating System:  
Microsoft Windows

Select OS Version:  
All

Looking for the latest GA version?

Recommended Download:

**MySQL Installer for Windows**

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI

click to download

Go to Download Page >

Other Downloads:

| Platform   | Version | Size   | Download |
|--|---------|--------|----------|
| Windows (x86, 32-bit), ZIP Archive<br>(mysql-5.7.31-win32.zip)   | 5.7.31  | 292.0M | Download |
| Windows (x86, 64-bit), ZIP Archive<br>(mysql-5.7.31-winx64.zip)  | 5.7.31  | 305.9M | Download |
| Windows (x86, 32-bit), ZIP Archive<br>Debug Binaries & Test Suite<br>(mysql-5.7.31-win32-debug-test.zip) | 5.7.31  | 500.9M | Download |

<https://>

[dev.mysql.com/downloads/mysql/5.7.html](https://dev.mysql.com/downloads/mysql/5.7.html)

Refer youtube vid: <https://www.youtube.com/watch?v=hLxOT6BqA5I>

**Please keep :username and password : root**

## 5. spring sts 4

spring.io/tools

**Go to**

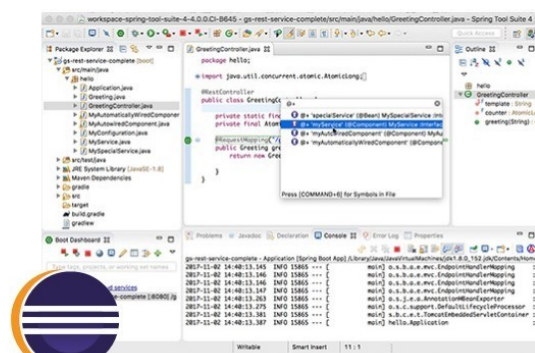
## Spring Tools 4 for Eclipse

The all-new Spring Tool Suite 4.  
Free. Open source.

LINUX 64-BIT

MACOS 64-BIT

WINDOWS 64-BIT



**download site** <https://spring.io/tools>

Choose for window 64 bit, download and install

Help video: <https://www.youtube.com/watch?v=MrgIY7GslXQ>

## 6. tomcat 9.x

Go to download link

<https://tomcat.apache.org/download-90.cgi>

tomcat.apache.org/download-90.cgi

**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 public keys for the Apache Tomcat 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 the one provided.

**Mirrors**

You are currently using <http://apachemirror.wuchna.com/>. If you encounter a problem with this mirror, please select another mirror. If all mirrors are failing, there are *back* mirrors that should be available.

Other mirrors:

**9.0.37**

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 \(pgp, sha512\)](#)

**Put  
into a  
folder  
i will**

## instruct participants further7. Node JS v8.10.0

go to download link <https://nodejs.org/en/download/>

nodejs.org/en/download/




**node**

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**Downloads**

Latest LTS Version: 12.18.3 (includes npm 6.14.6)

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

| LTS<br>Recommended For Most Users  | Current<br>Latest Features   |   |
|--|--|---|
| <br><b>Windows Installer</b><br>node-v12.18.3-x86.msi | <br><b>macOS Installer</b><br>node-v12.18.3.pkg | <br><b>Source Code</b><br>node-v12.18.3.tar.gz |
| <b>choose this</b>   |  |   |
| Windows Installer (.msi)   | 32-bit   | 64-bit  |
| Windows Binary (.zip)  | 32-bit   | 64-bit  |

**Help video:** <https://www.youtube.com/watch?v=VR6lMnD-X70>

## 8. visual studio code 1.47.3


go to download link : <https://code.visualstudio.com/download>

code.visualstudio.com/download

Visual Studio Code Docs Updates Blog API Extensions FAQ Search Docs

# Download Visual Studio Code


Free and built on open source. Integrated Git, debugging and extensions.



## Windows

Windows 7, 8, 10

|                  |        |        |     |
|------------------|--------|--------|-----|
| User Installer   | 64 bit | 32 bit | ARM |
| System Installer | 64 bit | 32 bit | ARM |
| .zip             | 64 bit | 32 bit | ARM |




## .deb

Debian, Ubuntu

## .rpm

Red Hat, Fedora, SUSE

|         |        |
|---------|--------|
| .deb    | 64 bit |
| .rpm    | 64 bit |
| .tar.gz | 64 bit |



## Mac

macOS 10.10 +

**Help video:** <https://www.youtube.com/watch?v=MIzFUI1QGA>