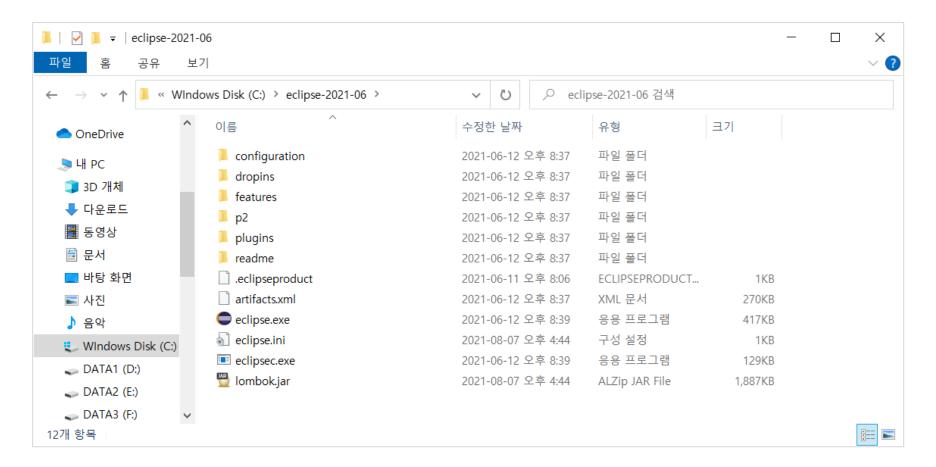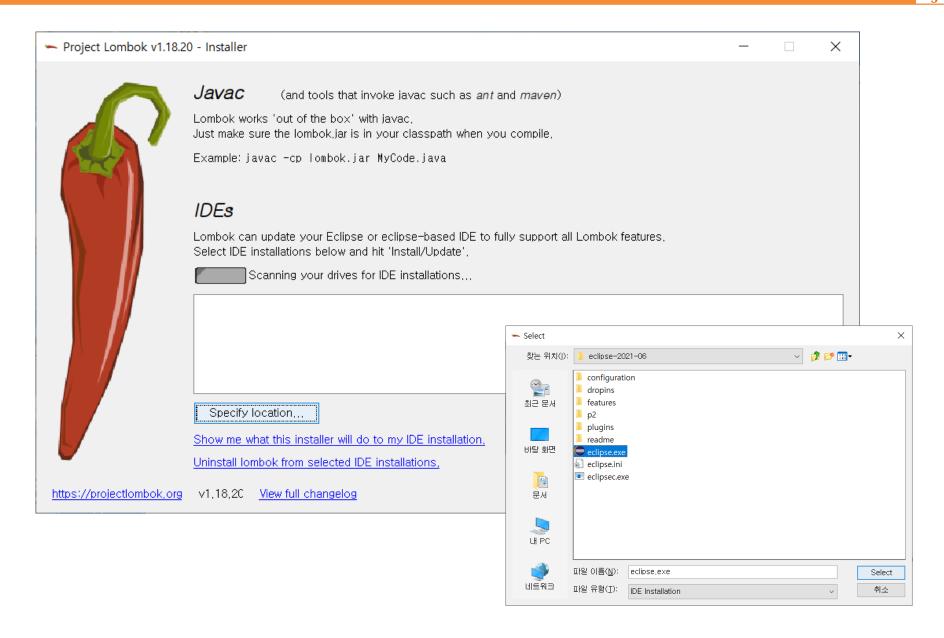# spring boot

Install

김선녕(sykim.lecture@gmail.com)

jdk11 & eclipse install

eclipse.ini

```
-startup
plugins/org.eclipse.equinox.launcher_1.6.200.v20210416-2027.jar
--launcher.library
plugins/org.eclipse.equinox.launcher.win32.win32.x86_64_1.2.200.v20210429-1609
-product
org.eclipse.epp.package.jee.product
-showsplash
org.eclipse.epp.package.common
--launcher.defaultAction
openFile
--launcher.defaultAction
openFile
--launcher.appendVmargs
-vm
plugins/org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.1.v20210528-1205/jre/bin
-vmargs
-Dosgi.requiredJavaVersion=11
-Dosgi.instance.area.default=@user.home/eclipse-workspace
-Dsun.java.command=Eclipse
-XX:+UseG1GC
-XX:+UseStringDeduplication
--add-modules=ALL-SYSTEM
-Dosgi.requiredJavaVersion=11
-Dosgi.dataAreaRequiresExplicitInit=true
-Dorg.eclipse.swt.graphics.Resource.reportNonDisposed=true
-Xms256m
-Xmx2048m
--add-modules=ALL-SYSTEM
--illegal-access=warn
--add-opens java.base/java.lang=ALL-UNNAMED
-Duser.name=sykim
```

lombok

Project Lombok v1.18.20 - Installer

Javac (and tools that invoke javac such as *ant* and *maven*)

Lombok works 'out of the box' with javac.
Just make sure the lombok.jar is in your classpath when you compile.

Example: `javac -cp lombok.jar MyCode.java`

IDEs

Lombok can update your Eclipse or eclipse-based IDE to fully support all Lombok features.
Select IDE installations below and hit 'Install/Update'.

Scanning your drives for IDE installations...

☑ C:\eclipse-2021-06\eclipse.exe

Specify location...

Install / Update

Show me what this installer will do to my IDE installation.

https://projectlombok.org   v1.18.20   View full changelog

Quit Installer

Project Lombok v1.18.20 - Installer

Install successful

Lombok has been installed on the selected IDE installations.
Don't forget to:

- add lombok.jar to your projects.
- **exit and start** your IDE.
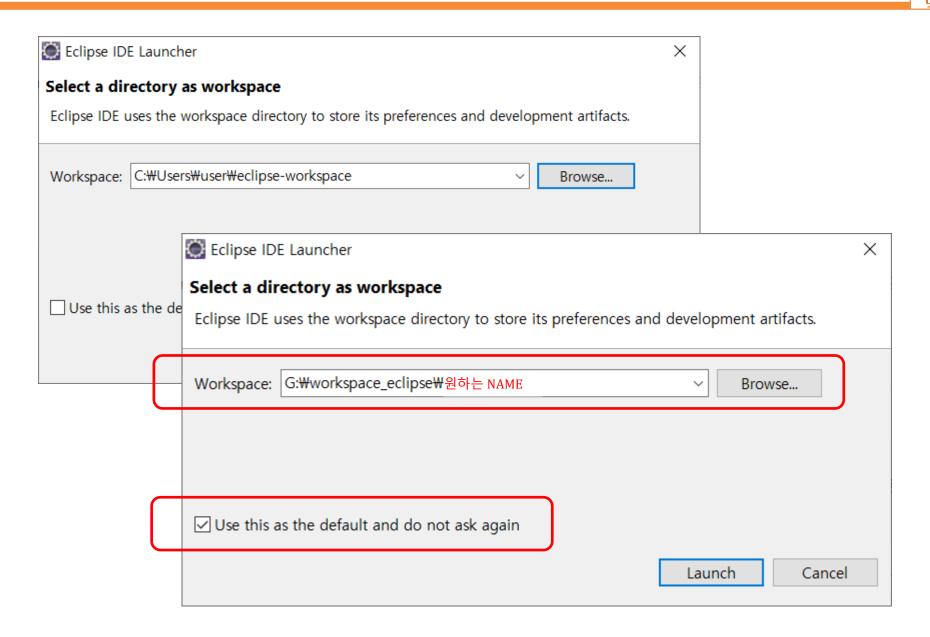- **rebuild** all projects!

If you start Eclipse with a custom -vm parameter, you'll need to add:
-vmargs -javaagent:lombok.jar
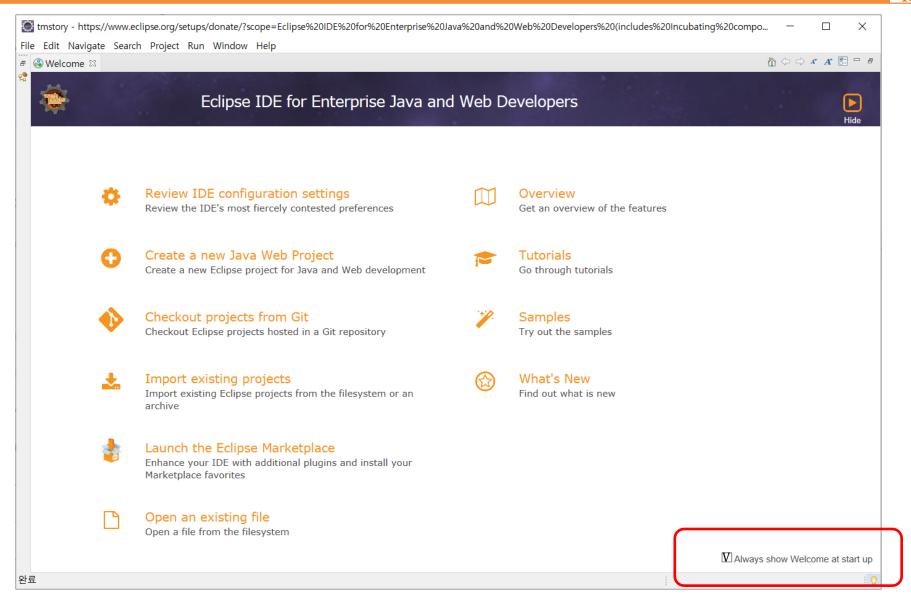as parameter as well.

- PLATFORM: JDK16 support added. .
- PLATFORM: All lombok features updated to act in a sane fashion with JDK16's *record* feature. In particular, you can annotate record components with @NonNull to have lombok add null checks to your compact constructor (which will be created if need be).
- BUGFIX: Trying to use a lambda expression as parameter to an @ExtensionMethod did not work. . (by **@Rawi01**).
- BUGFIX: @SuperBuilder with an existing constructor caused issues in eclipse. . (by @JanRieke).
- BUGFIX: Using @SuperBuilder with a handwritten builder class caused issues. . (by @JanRieke).
- BUGFIX: Lombok interacts properly with the new save actions in eclipse 2021-03.

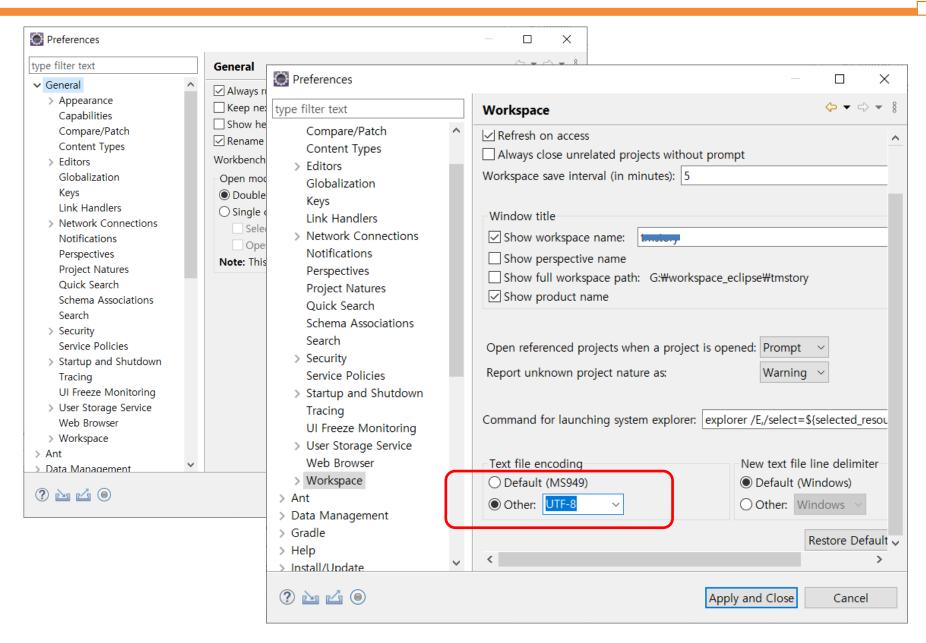https://projectlombok.org   v1.18.20   View full changelog

Quit Installer

Window > Perferences

Preferences — □ ✕

type filter text

- ∨ General
  - ∨ Appearance
    - Colors and Fonts
    - Label Decorations
  - Capabilities
  - Compare/Patch
  - Content Types
  - > Editors
  - Globalization
  - Keys
  - Link Handlers
  - > Network Connections
  - Notifications
  - Perspectives
  - Project Natures
  - Quick Search
  - Schema Associations
  - Search
  - > Security
  - Service Policies
  - > Startup and Shutdown
  - Tracing
  - UI Freeze Monitoring
  - > User Storage Service
  - Web Browser

Colors and Fonts   ⇦ ▾ ⇨ ▾ ⁝

Colors and Fonts

type filter text

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- ☐ Inactive
- ■ Inactive
- ☐ Link co
- Aa Part tit
- Aa Tree a
- > 🗐 WikiText

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Description:

The font that is

Preview:

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글꼴(F):

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Cooper Blk BT	
Courier10 BT	
DomCasual BT	
Dubai	
Freehand591 BT	
FuturaBlack BT	∨

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영어 ▾

다른 글꼴 표시

확인   취소

Apply and Close   Cancel

Help > Eclipse Marketplace

Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with insta
Press the "more info" link to learn more about a solution.

Search | Recent | Popular | Favorites | Installed | 💡 Giving IoT an Edge

Find: 🔍 decompiler

Enhanced Class Decompiler 3.2.2

Enhanced Class Decompiler integrates JD, Jad, FernF
allows Java developers to debug class files without s

by Pascal Bihler, EPL

decompiler decompile ecd JD jad

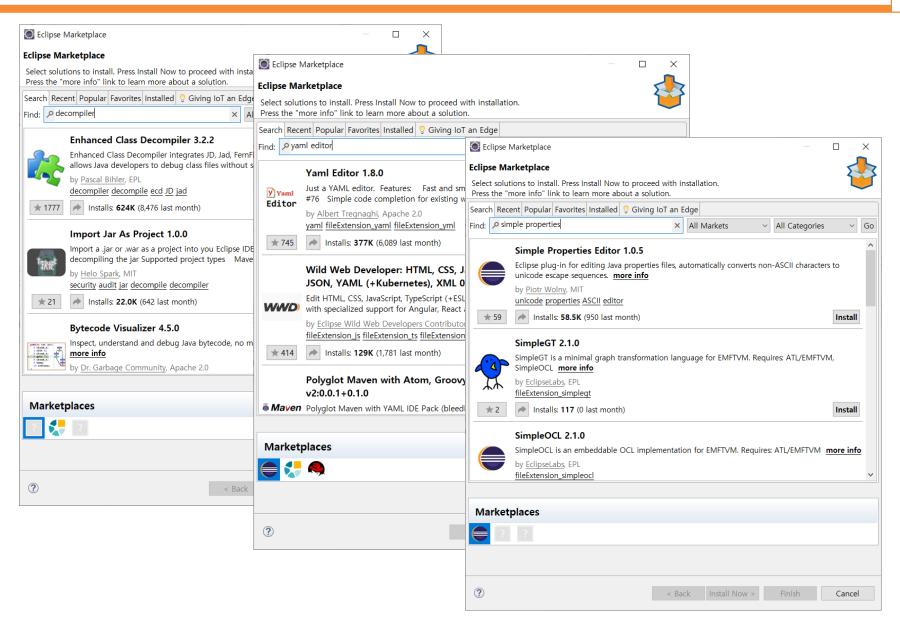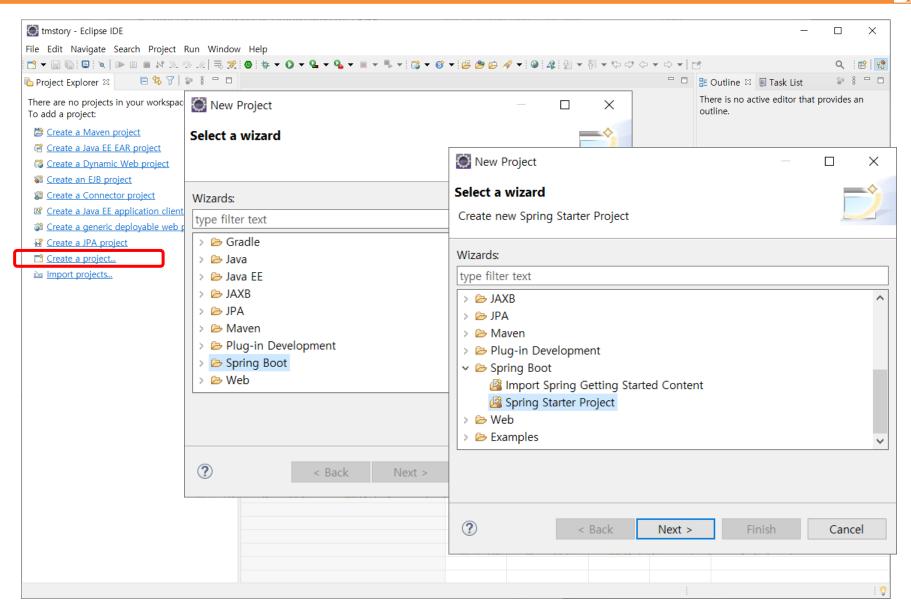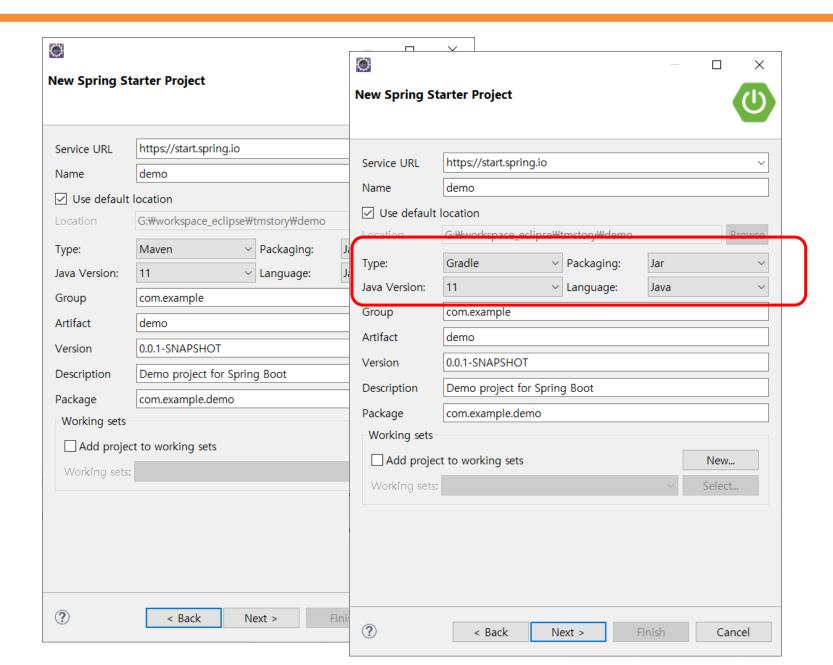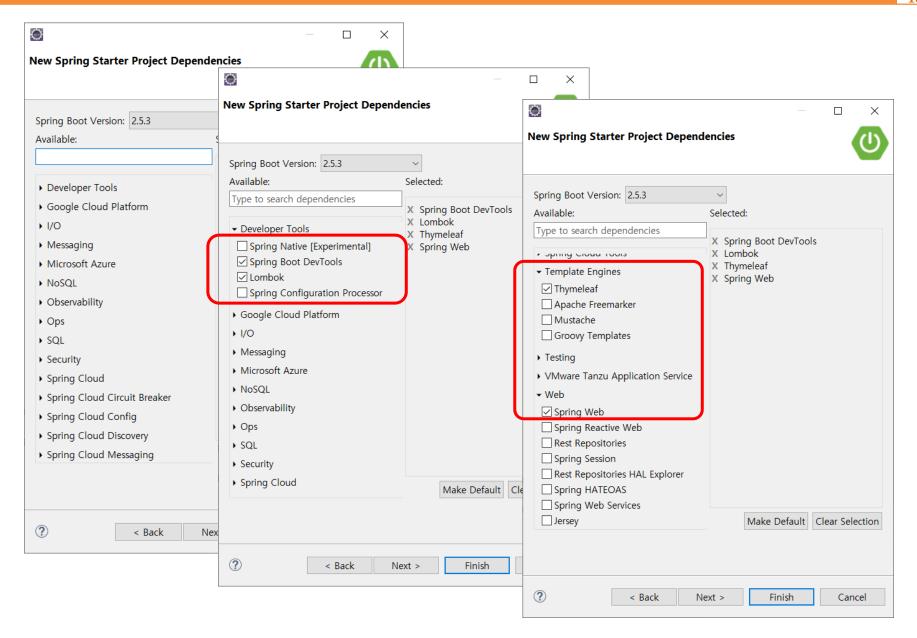★ 1777 | Installs: **624K** (8,476 last month)

Import Jar As Project 1.0.0

Import a .jar or .war as a project into you Eclipse IDE
decompiling the jar as a project Supported project types   Mave

by Helo Spark, MIT

security audit jar decompiler decompiler

★ 21 | Installs: **22.0K** (642 last month)

Bytecode Visualizer 4.5.0

Inspect, understand and debug Java bytecode, no m
more info

by Dr. Garbage Community, Apache 2.0

Marketplaces

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< Back

Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.

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Find: 🔍 yaml editor

Yaml Editor 1.8.0

Just a YAML editor. Features: Fast and sm
#76   Simple code completion for existing w

by Albert Tregnaghi, Apache 2.0

yaml fileExtension_yaml fileExtension_yml

★ 745 | Installs: **377K** (6,089 last month)

**Wild Web Developer: HTML, CSS, J
JSON, YAML (+Kubernetes), XML 0**

Edit HTML, CSS, JavaScript, TypeScript (+ESL
with specialized support for Angular, React

by Eclipse Wild Web Developers Contributor
fileExtension_js fileExtension_ts fileExtension

★ 414 | Installs: **129K** (1,781 last month)

**Polyglot Maven with Atom, Groov
v2:0.0.1+0.1.0**

Polyglot Maven with YAML IDE Pack (bleedi

Marketplaces

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Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.

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Find: 🔍 simple properties | All Markets | All Categories | Go

Simple Properties Editor 1.0.5

Eclipse plug-in for editing Java properties files, automatically converts non-ASCII characters to
unicode escape sequences. **more info**

by Piotr Wolny, MIT

unicode properties ASCII editor

★ 59 | Installs: **58.5K** (950 last month) | Install

SimpleGT 2.1.0

SimpleGT is a minimal graph transformation language for EMFTVM. Requires: ATL/EMFTVM,
SimpleOCL **more info**

by EclipseLabs, EPL
fileExtension_simplegt

★ 2 | Installs: **117** (0 last month) | Install

SimpleOCL 2.1.0

SimpleOCL is an embeddable OCL implementation for EMFTVM. Requires: ATL/EMFTVM **more info**

by EclipseLabs, EPL
fileExtension_simpleocl

Marketplaces

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< Back | Install Now > | Finish | Cancel

New Spring Starter Project

| Service URL | https://start.spring.io |
| Name | demo |

☑ Use default location

| Location | G:\workspace_eclipse\tmstory\demo |

| Type: | Maven | Packaging: | J |
| Java Version: | 11 | Language: | J |

Group	com.example
Artifact	demo
Version	0.0.1-SNAPSHOT
Description	Demo project for Spring Boot
Package	com.example.demo

Working sets

☐ Add project to working sets

Working sets:

< Back   Next >   Finis

New Spring Starter Project

| Service URL | https://start.spring.io |
| Name | demo |

☑ Use default location

| Location | G:\workspace_eclipse\tmstory\demo | Browse |

| Type: | Gradle | Packaging: | Jar |
| Java Version: | 11 | Language: | Java |

Group	com.example
Artifact	demo
Version	0.0.1-SNAPSHOT
Description	Demo project for Spring Boot
Package	com.example.demo

Working sets

☐ Add project to working sets   New...

Working sets: Select...

< Back   Next >   Finish   Cancel

Window > Show View

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sat Aug 07 17:50:40 KST 2021
There was an unexpected error (type=Not Found, status=404).
No message available

Hello World

Push Results: https://github.com/sykimlecture/demo.git   ✕

Pushed to https://github.com/sykimlecture/demo.git

master → master [new branch]

Message Details

Repository https://github.com/sykimlecture/demo.git

Close