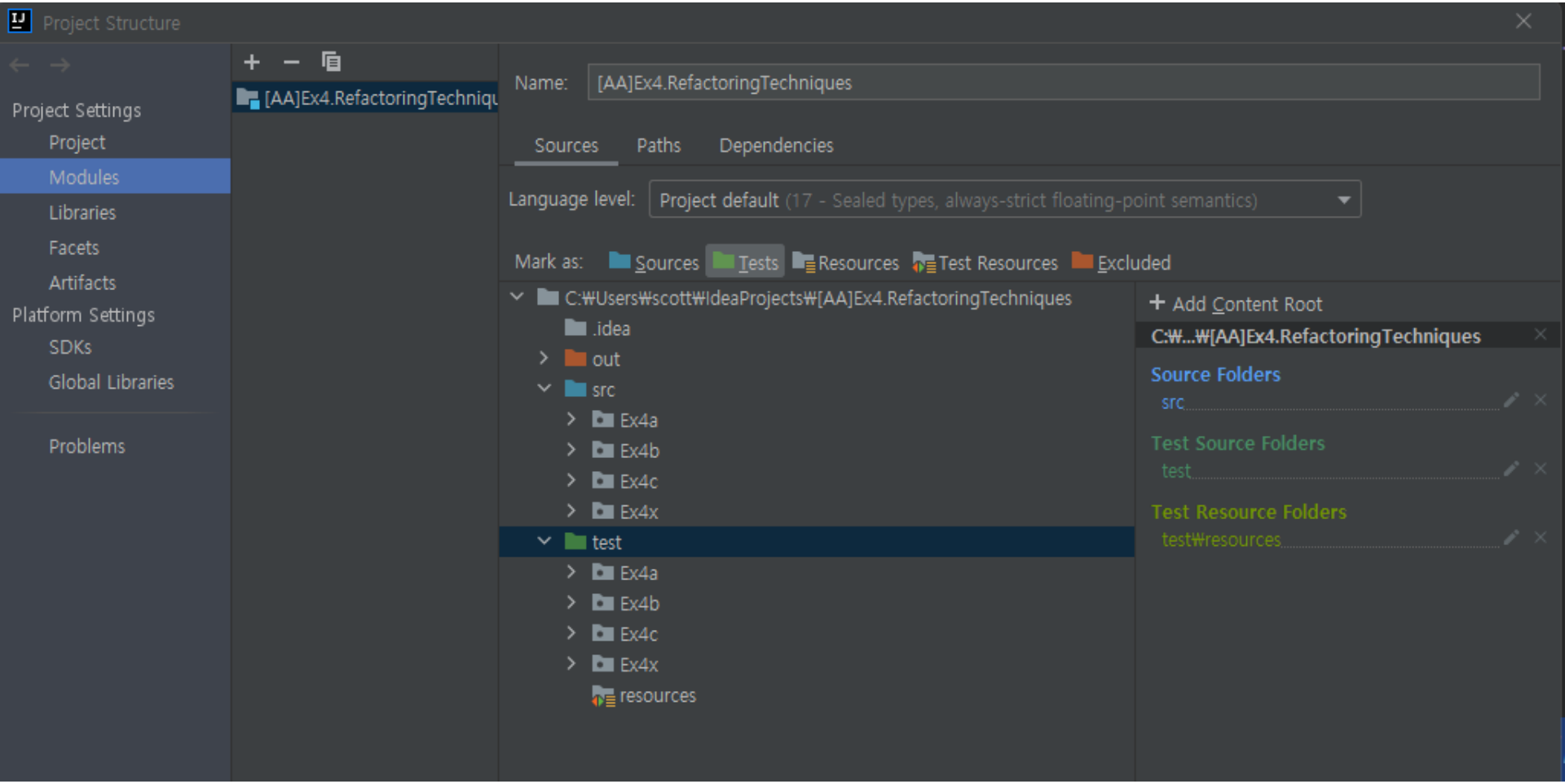
Refactoring

TOOL SETUPS : INTELLIJ (UNTIMATE EDITION)

Junit5

- **프로젝트 Test & Test Resource Folders 설정**
  - File | Project Structure|
  - Project Settings | Modules > 프로젝트 선택
    - 적절한 폴더에 우클릭하여 Test Source Folder 설정
    - 필요 시 적절한 폴더에 우클릭하여 Test Resource Folder 설정

Junit5

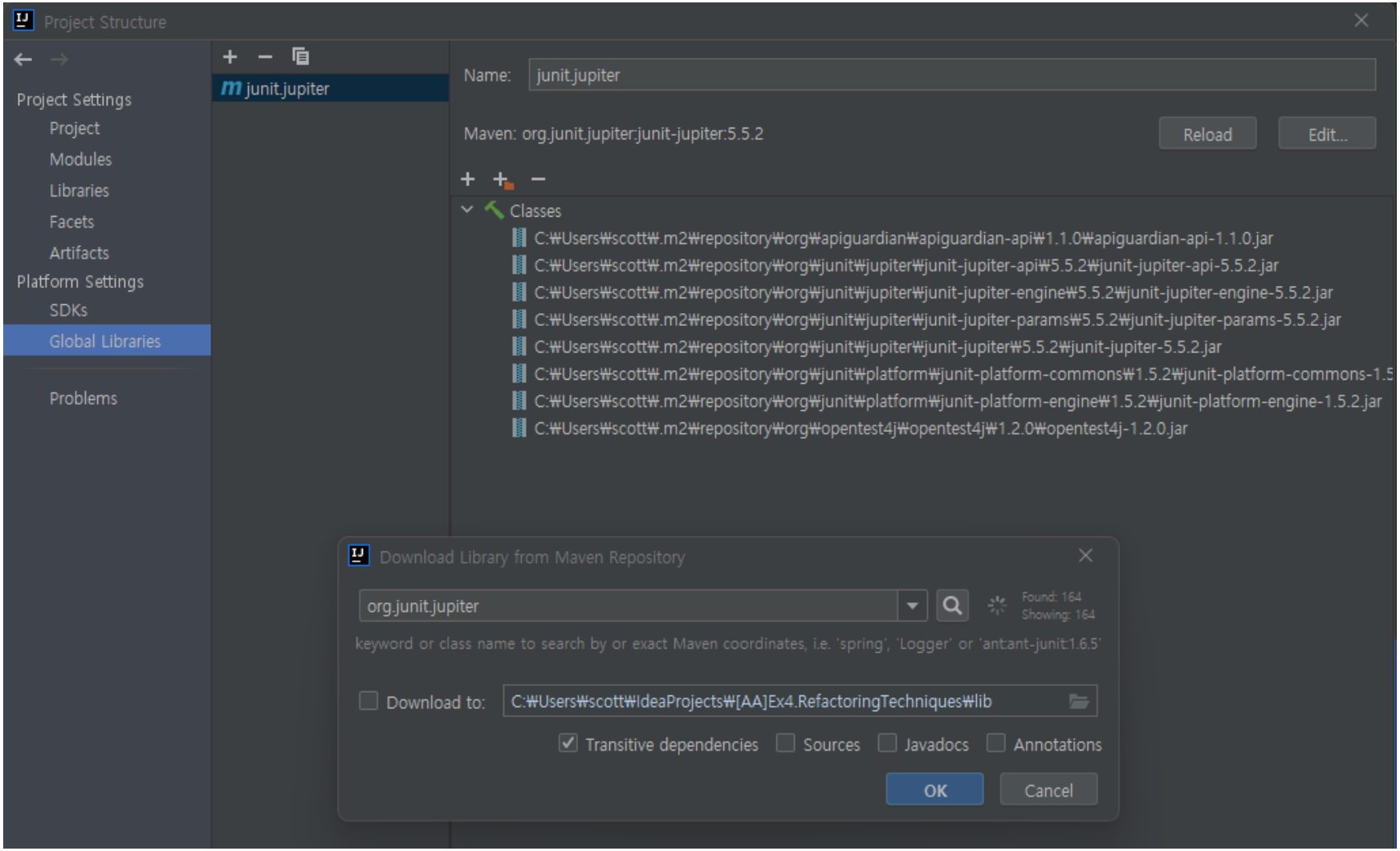

Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
[AA]Ex4.RefactoringTechniqu
Name: [AA]Ex4.RefactoringTechniques
Sources
Paths
Dependencies
Language level: Project default (17 - Sealed types, always-strict floating-point semantics)
Mark as: Sources Tests Resources Test Resources Excluded
C:₩Users₩scott₩IdeaProjects₩[AA]Ex4.RefactoringTechniques
.idea
out
src
Ex4a
Ex4b
Ex4c
Ex4x
test
Ex4a
Ex4b
Ex4c
Ex4x
resources
Add Content Root
C:₩...₩[AA]Ex4.RefactoringTechniques
Source Folders
src
Test Source Folders
test
Test Resource Folders
test₩resources

Junit5 (5.5.2)

- **JUnit5 설치**
  - File | Project Structure |
  - Platform Settings | Global Libraries | + | From Maven
    - “org.junit.jupiter” 검색 > ok

(alternatively, https://www.jetbrains.com/help/idea/junit.html 참조)

Junit5 (5.5.2)

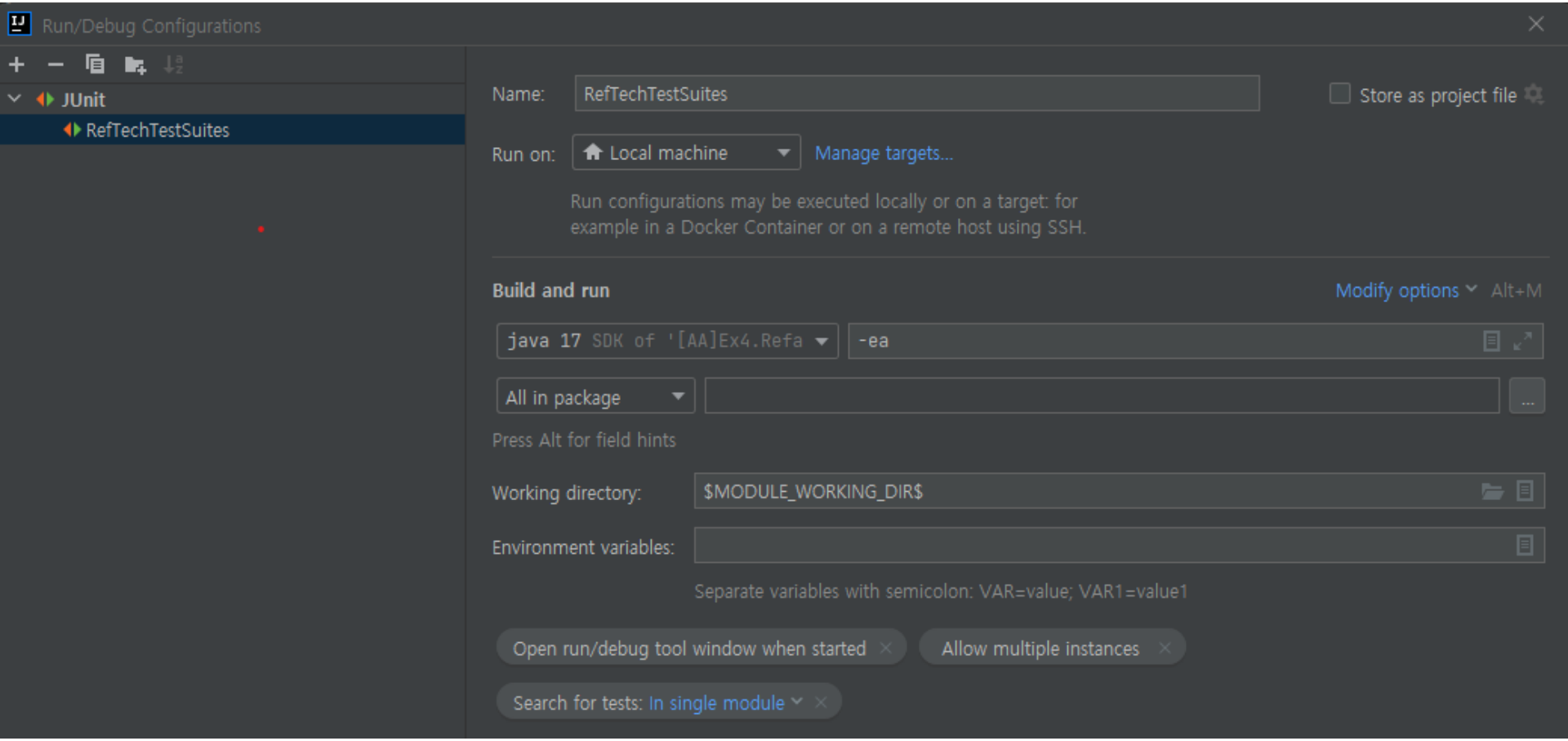

Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
junit.jupiter
Name: junit.jupiter
Maven: org.junit.jupiter:junit-jupiter:5.5.2
Reload
Edit...
Classes
C:₩Users₩scott₩.m2₩repository₩org₩apiguardian₩apiguardian-api₩1.1.0₩apiguardian-api-1.1.0.jar
C:₩Users₩scott₩.m2₩repository₩org₩junit₩jupiter₩junit-jupiter-api₩5.5.2₩junit-jupiter-api-5.5.2.jar
C:₩Users₩scott₩.m2₩repository₩org₩junit₩jupiter₩junit-jupiter-engine₩5.5.2₩junit-jupiter-engine-5.5.2.jar
C:₩Users₩scott₩.m2₩repository₩org₩junit₩jupiter₩junit-jupiter-params₩5.5.2₩junit-jupiter-params-5.5.2.jar
C:₩Users₩scott₩.m2₩repository₩org₩junit₩jupiter₩junit-jupiter₩5.5.2₩junit-jupiter-5.5.2.jar
C:₩Users₩scott₩.m2₩repository₩org₩junit₩platform₩junit-platform-commons₩1.5.2₩junit-platform-commons-1.5
C:₩Users₩scott₩.m2₩repository₩org₩junit₩platform₩junit-platform-engine₩1.5.2₩junit-platform-engine-1.5.2.jar
C:₩Users₩scott₩.m2₩repository₩org₩opentest4j₩opentest4j₩1.2.0₩opentest4j-1.2.0.jar
Download Library from Maven Repository
org.junit.jupiter
Found: 164
Showing: 164
keyword or class name to search by or exact Maven coordinates, i.e. 'spring', 'Logger' or 'ant:ant-junit:1.6.5'
Download to:
C:₩Users₩scott₩IdeaProjects₩[AA]Ex4.RefactoringTechniques₩lib
Transitive dependencies
Sources
Javadocs
Annotations
OK
Cancel

Junit5

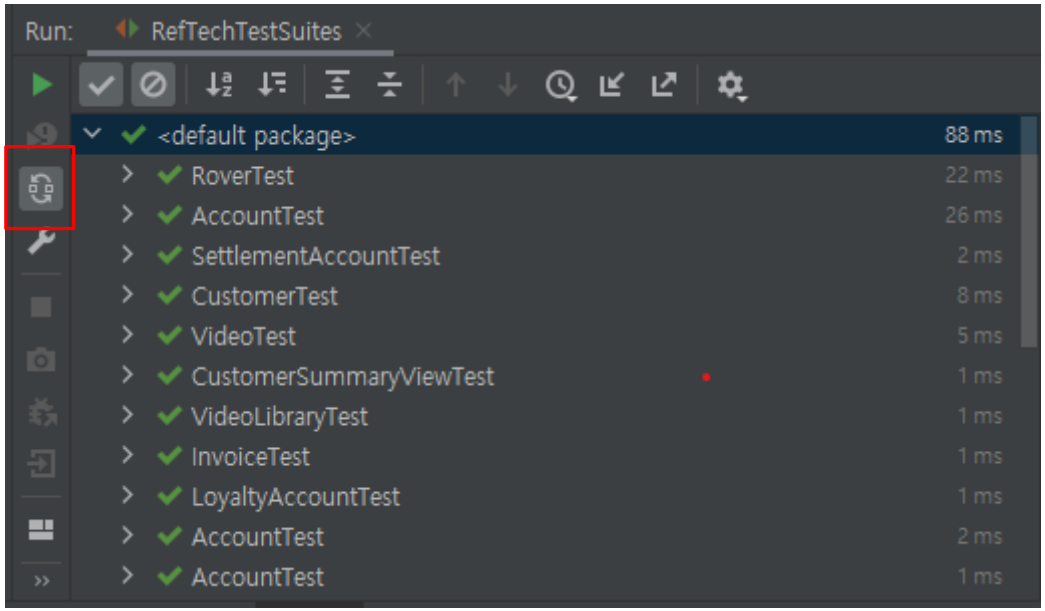
- **Run configuration**
  - Run / Edit Configurations |
    - @ JUnit / add new configuration - Name : ‘RefactoringTests’
    - @ Build and run : “All in Package” 선택
    - @ Modify options : “Allow multiple instances” 선택

    - “RefactoringTests” 실행
    - 왼쪽에 “Toggle Auto-Test” 선택

Junit5


Run/Debug Configurations
JUnit
RefTechTestSuites
Name:
RefTechTestSuites
Store as project file
Run on:
Local machine
Manage targets...
Run configurations may be executed locally or on a target: for example in a Docker Container or on a remote host using SSH.
Build and run
Modify options
Alt+M
java 17 SDK of '[AA]Ex4.Refa
-ea
All in package
Press Alt for field hints
Working directory:
$MODULE_WORKING_DIR$
Environment variables:
Separate variables with semicolon: VAR=value; VAR1=value1
Open run/debug tool window when started
Allow multiple instances
Search for tests: In single module

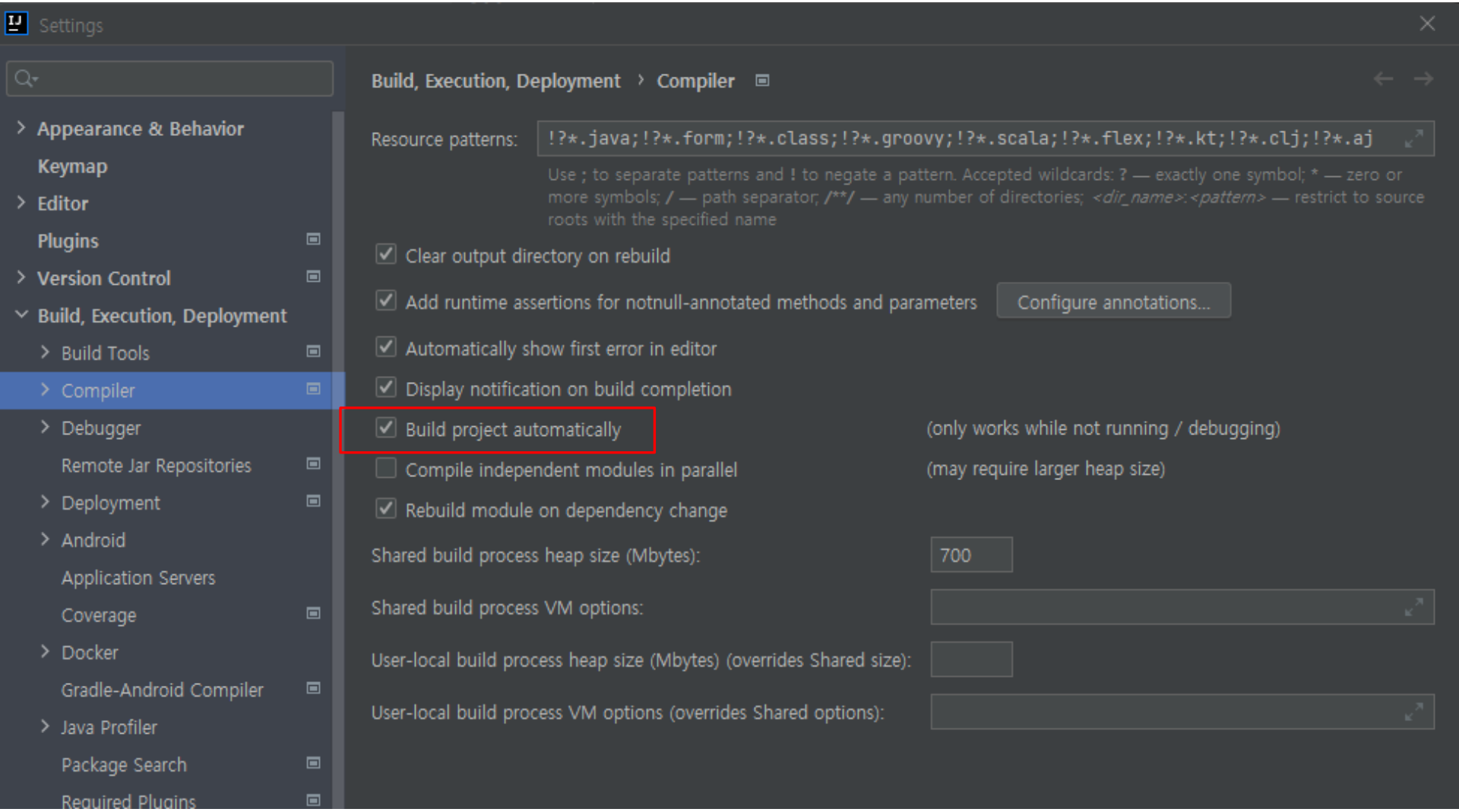
Junit5


Run:
RefTechTestSuites
<default package> 88 ms
RoverTest 22 ms
AccountTest 26 ms
SettlementAccountTest 2 ms
CustomerTest 8 ms
VideoTest 5 ms
CustomerSummaryViewTest 1 ms
VideoLibraryTest 1 ms
InvoiceTest 1 ms
LoyaltyAccountTest 1 ms
AccountTest 2 ms
AccountTest 1 ms

Junit5

- **Auto-Build 설정** (매 Build 시 테스트 자동 실행)
  - File | Settings | Build, Execution, Deployment | Compiler
    - “Build project automatically” 선택 > Apply & ok

Junit5


Settings
Appearance & Behavior
Keymap
Editor
Plugins
Version Control
Build, Execution, Deployment
Build Tools
Compiler
Debugger
Remote Jar Repositories
Deployment
Android
Application Servers
Coverage
Docker
Gradle-Android Compiler
Java Profiler
Package Search
Required Plugins
Build, Execution, Deployment › Compiler
Resource patterns:
!?*.java;!?*.form;!?*.class;!?*.groovy;!?*.scala;!?*.flex;!?*.kt;!?*.clj;!?*.aj
Use ; to separate patterns and ! to negate a pattern. Accepted wildcards: ? — exactly one symbol; * — zero or more symbols; / — path separator; /**/ — any number of directories; <dir_name>:<pattern> — restrict to source roots with the specified name
Clear output directory on rebuild
Add runtime assertions for notnull-annotated methods and parameters
Configure annotations...
Automatically show first error in editor
Display notification on build completion
Build project automatically
(only works while not running / debugging)
Compile independent modules in parallel
(may require larger heap size)
Rebuild module on dependency change
Shared build process heap size (Mbytes):
700
Shared build process VM options:
User-local build process heap size (Mbytes) (overrides Shared size):
User-local build process VM options (overrides Shared options):