

Lab: Dependency Injection

Tasks to do

- 1) Import the Java project “DependedOnComponent”.
- 2) Create the folder `UnitTest` to keep tests.
- 3) Run the class `MainConstructorInjectionRefactor.java` and fix bugs.
 - a) Refactor the code of the class `ConstructorInjection.java` to be testable one. Take care that functionality was not changed (every change has to be tested by running `main()`).
 - b) Test the method `IsValidLogFileName()` by using **constructor dependency injection** approach.
- 4) Run the class `MainPropertyInjection.java` and fix bugs.
 - a) Refactor the code of the class `PropertyInjection.java` to be testable one.
 - b) Test the method `IsValidLogFileName()` by using **property dependency injection** approach. Take care that functionality was not changed.
- 5) Refactor the code of the class `Mock_Example.java` to be testable one. Test the method `Analyze()` by using **mock object** approach.
Note: In this case you need to compare expected result vs. “mock” object.