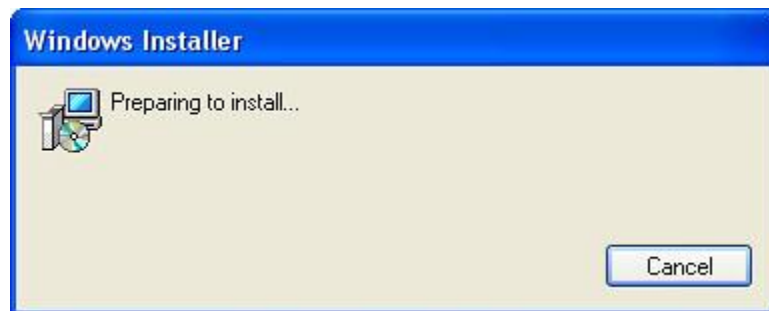# TDD Using Java

Installation & Setup Guide

Introduction

Welcome to the beginning of your journey with us into learning more about Test Driven Development in Java!

This guide will help you setup and install everything you will need in order to complete the workshop :)

Getting An IDE

1. We highly recommend getting IntelliJ Community Edition IDEA in order to complete this workshop and get familiar with the IDE we use in day-to-day development!
2. For both MacOS and Windows installations please follow the instructions found here.
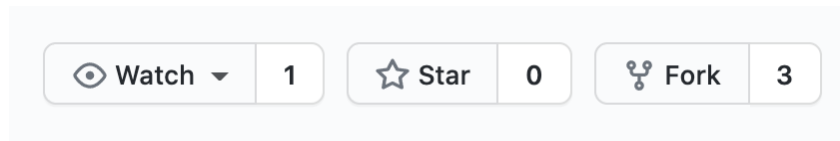
Installing Java 11

1. We will be using Java 11 in this tutorial but you can also use Java 17 which just has some newer features.
2. For Windows please follow this guide and for MacOS please follow this guide.

Getting Gradle

1. For both MacOS and Windows installations please follow the instructions found here.

Installing Git & Forking The Repository

1. Instructions for all systems can be found here.
2. If you do not have a Github account we highly recommend you create one so you can continue to develop and build projects in the future.
3. Once you have successfully installed Git, go to the Github Repository that we shall be forking.
   https://github.com/Capital-One-University-Workshop-Kent/Kent-Unversity-Cap-One-Project
4. In the top right corner you will see: to fork the repository to your Github account

5. Next, you need to open a terminal and type in the command below to get the repository locally on your computer:

git clone Kent-Unversity-Cap-One-Project

6. Now you should have the repository locally, and we can open it using IntelliJ (or your chosen IDE).

Postman API

1. Finally, go to this website to download Postman which will help us make dummy requests to the service.
2. We will provide you with a collection of Postman requests :)

And that's all folks! We all hope you enjoy your Capital One workshop experience :)