HW1 Tests' Instuctions

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Contents

1. **coursetorrent-test** - directory containing the tests and the resources
2. **settings.gradle.kts** - to define where do we take the implementation from the primitive storage
3. **requirements.txt** - packages for the pip install in order to make it work

Pre-Setup

The tests use a python script to simulate the server used in the tests so:

1. Install Python 3, Preferably with Anaconda
2. In the cmd/Anaconda Prompt execute "pip install -r requirements.txt" on the supplied requirements file

After installing make sure that python is accessible from the CMD prompt. It should be accessible if you allow in the installation to add the required addition to the PATH environment variable.

Setup

1. Extract the contents in your project directory
2. In Intellij : View -> Tool Window -> Gradle and then Execute Gradle Task (elephant-like icon) and execute **:library:jar** command on the command line when the "Gradle project" is **base** (or just "jar" when the gradle project is **library**). This step will compile the project with our implementation of the primitive library. Note: If you copied the files after opening the IDE the Intellij will ask you if you want to import changes. Accept it
3. Run the tests in Intellij normally in the IDE.
4. If you want a similiar output to the one received in your feedback have a look at the **build.gradle.kts** in the **coursetorrent-test** directory (uncomment the bottom part and replace the **PATH\\TO\\HTML** and **PATH\\TO\\CSV** accordingly) and run the tests in Gradle **:coursetorrent-test:test --tests CourseTorrentStaffTest** in the command line mentioned above. Can also do it through cmd with the command **gradlew.bat <cmd>**).

IMPORTANT NOTE: if you have a timeout in your tests then it is possible that the processes that simulate the http server that were started during the test are still running. You should close. Not only they cost memory, but if you try to rerun tests they can interfere with the results, making the tests most likely fail.