**Groove Test Generation Manual**

**Requirements:**

1. Java JDK 1.8
2. MoTDeReL.jar
3. MoTDeReL-lib.rar
4. CaseStudies.rar

**Steps:**

1. Install the demanded jdk version
2. Download “MoTDeReL.jar” and “MoTDeReL-lib.rar”. Then unzip “MoTDeReL-lib.rar” in a common folder with “MoTDeReL.jar”.
3. Download and Unzip “CaseStudies.rar”.
4. Run MoTDeReL.jar
5. Open one of the Case Studies from file menu .
6. From the “Verify & Testing” Menu, select “Testing by Deep Reinforcement Learning (DRL Testing)”
7. In the displayed window, select a suitable host graph form “All Host Graphs” button and then specify the parameters for the algorithm, the default parameters are suitable for a glimpse.
8. Press the “Exploring & Learning & Test Suit Generating” button
9. After displaying a message in the box of “The Result of Test Case Generation”, the execution is terminated.
10. The result will be appended in a file as “result.txt” in the project folder.

