

## TaRGeT Usage Guide

This document describes a simple guide for the usage of TaRGeT. Eventual questions can be resolved consulting the tool's Help or by sending an email to [prga@cin.ufpe.br](mailto:prga@cin.ufpe.br).

### General

1. Creating a project
  - a. File -> New Project
  - b. Inform project's name and click "Finish"
2. Importing use case documents
  - a. Artifacts -> Import Use Case Documents
  - b. In the window that is displayed selects the "Add Document" button
  - c. Inform the use case document file path
  - d. Click "Finish"
  - e. The selected file is imported to the current project and its features and use cases can be visualized in the "Use Cases" view
3. Visualizing use cases
  - a. With a double click in any use case present in the Features tree, it is possible to visualize the selected use case in TaRGeT's viewer.
4. Editing using cases
  - a. By clicking in any use case present in the Features tree with the right button and selecting the option "Edit with Use Case Editor", it is possible to edit the selected use case inside TaRGeT.
5. Searching
  - a. In Tools->Search, type a word to search in the imported use case documents. The results are displayed in the "Search Results" view

### On The Fly Test Suite Generation

1. Tools->On The Fly Generation
2. In the "Selection" tab:
  - a. The Requirements, Use Case, Test Purpose and Path Coverage filters are available
3. In the "Traceability Matrix" tab:
  - a. It is possible to visualize the "Requirements x Test Cases" and "Use Cases x Test Cases" matrixes
  - b. Select any test case in the matrixes to be displayed in the "Selected Test Case" section
4. In the "Test Cases" tab:
  - a. Select any test case in the section "Generated Test Cases" to be displayed in the "Selected Test Case" section
  - b. Click with the right button in any test case for permanent inclusion or exclusion. Observe that the selected test is displayed in the "Inclusion/Exclusion" section.
  - c. Generated test suites by clicking in the "Save Test Suite" button.
  - d. Open the generated test suite by clicking in the corresponding file in "Test Cases" folder in the "Artifacts" view.