

## Installation and Test Execution Guide

This document provides step-by-step instructions on how to install the necessary dependencies and run automated tests for the existing Robot Framework project.

### Prerequisites

Before proceeding with the installation, ensure that you have the following prerequisites in place:

1. Python: Make sure Python is installed on your system. You can download the latest version of Python from the official website:  
<https://www.python.org/downloads/>
2. Robot Framework: Install Robot Framework by running the following command in the command-line interface:

```
pip install robotframework
```

### Installation Steps

Follow these steps to install the dependencies for your Robot Framework project:

1. Clone the Project: Start by cloning the existing Robot Framework project from the repository or obtain the project files.
2. Install Project Dependencies: Install the project-specific dependencies listed in the project's documentation. Use the following commands:

```
# Request Library
pip install robotframework-requests
# Selenium Testability Plugin
pip install robotframework-seleniumtestability
```

3. WebDriver Installation: If your tests require browser automation, install the appropriate WebDriver for the browser you intend to use (e.g., ChromeDriver, GeckoDriver).
4. Configuration: If your project requires any configuration files (e.g., test data, environment variables), ensure they are set up correctly as per the project's documentation or guidelines.

### Running Automated Tests

Once you have installed the necessary dependencies, follow these steps to run the automated tests:

1. Navigate to the Project Directory: Using the command-line interface, navigate to the root directory of your Robot Framework project.

2. **Execute Tests:** Run the tests using the **robot** command followed by the path to the test files or test directory. For example:

```
robot tests/
```

This command will execute all the tests within the **tests** directory. Adjust the path accordingly to match the structure of your project.

3. **View Test Reports:** After the tests complete, Robot Framework generates test reports in HTML format. These reports provide details about test execution, including test statuses, logs, and screenshots. Open the generated report file (e.g., **report.html**) in a web browser to view the test results. To provide the path to this reports you can use the following command:

```
robot -d results tests
```

This command, beside executing all the tests within the tests directory, will also use **-d** followed by the path to store the reports in the provided path.

## Conclusion

Congratulations! You have successfully installed the necessary dependencies and executed automated tests for your Robot Framework project. By following these instructions, you can efficiently run your tests of Robot Framework to automate your testing process.