

Third party tools integration via Hooks

Hooks are useful in integrating third party tools. Few points regarding this functionality:

1. Any third party tools which provides REST APIs, can be easily integrated with vREST via hooks functionality.
2. Hooks receives [data](#) from test runs and test cases, which can be sent to third party tools via REST APIs.

Here is a video tutorial for the same:

Few examples where hooks can be useful:

1. Logging bugs in any issue tracking tools (e.g. JIRA) for failed test cases
 - a. For more information, please read [JIRA Integration via hooks](#).
2. Updating execution status of test case in any test case management tools (e.g. TestRail).
3. Sending test run execution notifications to slack.
 - a. For more information, please read [Slack Integration via hooks](#).
4. and many more ...

vREST provides four types of hooks:

1. Pre Test Run Hooks
 - a. These hooks are executed just after creation of test run and before the execution of test cases.
2. Post Test Run Hooks
 - a. These hooks are executed after the test run execution completes.
3. Pre Test Case Hooks
 - a. These hooks are executed just before the execution of test case.
4. Post Test Case Hooks
 - a. These hooks are executed after the test case execution completes.