

# How to Send BuddyBuild App Unit Tests To TestRail:

This project accesses the BuddyBuild API, pulls the unit test results for the latest successful iOS build (specific to a branch & environment) and then sends these results to the TestRail API, deleting any test cases & runs currently present under a TestRail project, then creates a new test run, and cases & run results. The script can then sit on a CI tool like Jenkins to run daily, etc.

## Requirements for this to work:

1. There must be an iOS app being built with Buddybuild with unit tests built into the code. The 'tests' section in the below image must not be blank.

Here are all the builds for **xyz app**

A new build will automatically be kicked off every time a 'git push' happens to [your repository](#).

STATUS	LAUNCHED	STARTED	AUTHOR	BUILD	REVISION	TESTS	COVERAGE	COMMIT MESSAGE
✓	-	19h ago	developer	474		176 / 176	67.0%	Merge pull request #63 from !
✓	-	20h ago	developer	472		175 / 176	66.0%	Merge pull request #64 from
⚠	-	1d ago	developer	466		-	-	Merge pull request #62 from
✓	-	1d ago	developer	465		176 / 176	67.0%	Merge pull request #62 from
✓	-	2d ago	developer	454		174 / 176	65.0%	Merge pull request #60 from

2. In TestRail, there must be a project, suite and group already created. Seen here:

3. For the script the required data must be configured in the code:

- a. TestRail Password, TestRail Group Id, TestRail Project Id, TestRail Suite Id
- b. BuddyBuild Password, BuddyBuild App Id

- I used tokens created by each site and an email for TestRail, as well as my testrail url
- I also configured print statements for the log using app name, etc.
- You will need to make these changes in the code

4. The script can then be called from terminal, cmd line or in a C.I. like Jenkins:

**pip install requests**

**python send\_buddybuild\_tests\_to\_testrail.py \$testRailPassword \$buddyBuildPassword**

- you could also pass in all the BuddyBuild / TestRail details as args