

Why and when do we use test automation?

The reasons that raised the need of test automation:

- Test automation is reliability: if we write the test scripts correctly, the test results are completely objective. Manual testers may suffer from fatigue when the tests to be executed are laborious.
- Automated tests can be executed repeatedly, which makes them useful in several situations, for example in regression testing or performance testing.
- Automated tests has high speed. The time is spent only on writing and maintaining the test scripts, while the testing process itself is automated and not time-consuming.

Test automation is needed when:

- Testing results have to be measurable and reliable.
- Test cases need to be execute repeatedly
- The test is able to be automated
- Cost reduction needed in software process

Test project description

Test project: muly. The function tested is the creation of the streaming room. The process to create a stream is tested: user requested to become a streamer, then continues setting up the stream, last step is to go live.