**What is Regression Testing?**

**<https://www.youtube.com/watch?v=YwwfipBxE4g>**

[**https://www.youtube.com/watch?v=1o\_msdu6sIo**](https://www.youtube.com/watch?v=1o_msdu6sIo)

**Regression Testing**

<https://youtu.be/qJdbqE7sWOw>

1. What is Regression Testing?
   1. Testing to find if unwanted defects have been created in the changed system
2. When should we do regression testing?
   1. At all levels – unit testing, integration testing and system testing
3. Which test cases do you execute in regression testing?
   1. First, find out the impact of changes to the system. Select only test cases that cover the impacted components of the system.
4. How frequently should you run the regression test?
   1. At least one complete regression test before system deployment to production.
5. Which part of the regression test should be automated?
   1. Test which are stable, repeated frequently, simple and require no tester input are good candidates for automation.
6. How do you ensure that your regression test are effective?
   1. The regression tests should be wide and detailed enough to allow catching defects. You can also eliminate duplicate test cases, merge test cases ad automate tests as feasible.

**What is Regression Testing? When and How We Do Regression Testing?**

<https://www.youtube.com/watch?v=4MtsWBxCPHw>

Repeated testing of an already tested program, after modification, to discover any defects introduced or uncovered as a result of the changes in the software being tested or in another related or unrelated software components.

We do regression testing by re-executing the tests against the modified application to evaluate whether the modified code breaks anything which was working earlier.

1. When new functionality is added
2. When there is a change requirement
3. When there is a defect fix
4. When there is a Performance Issue Fix
5. When there is an Environment change (example Updating the Database from MySQL to Oracle)

**GTAC 2015: Hands Off Regression Testing (Google Tech Talks)**

[**https://www.youtube.com/watch?v=2zjhKmV0UFA**](https://www.youtube.com/watch?v=2zjhKmV0UFA)

**Service Level Agreement**

[**https://www.youtube.com/watch?v=Dc0UcI3RuMA**](https://www.youtube.com/watch?v=Dc0UcI3RuMA)