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Targetted Regression Testing (TRT)

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Every test team who works on the enterprise-level products used to face one challenge that how they can regression test the system in a effective way.

There are the 3 answers to this

1. Increase test coverage through test automation.

2. Spend a lot of time and effort and test everything in your system.

3. Targetted Regression Testing (TRT).

How to achieve targeted regression testing (TRT)?

For every release, the Testing team has to pair up with developers and product owner/project manager and analyze the impacted areas of features / CRs which are under development, and according to that discussion, the testing team will design test beds against it.

So, In TRT testing team have to create two different testbeds

1. **Core TestBed**: TestBed consists of smoke level tests.

2. **Impacted TestBed**: For every release, the Testing team has to pair up with developers and product owner/project manager and analyze the impacted areas of features / CRs which are under development,

and according to that discussion, the testing team will design test beds against it.
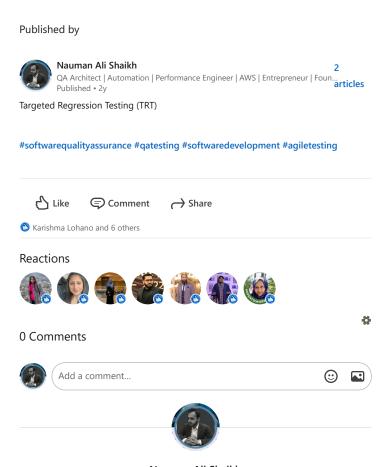
Advantages of TRT

- Saves time
- Improves ability to learn the system in a better way
- Ability to identify risks.

Disadvantages of TRT

- If Impact analysis goes wrong then your regression tests will never help you to identify potential bugs.

Conclusion

Teams who are in the process to increase their automated test coverage can use TRT to save time and deliver a bug-free product without wasting much of the time to test irrelevant tests.

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