

System level testing: patterns and anti-patterns with Selenium

All happy families are alike;
each unhappy family is
unhappy in its own way.

From Anna Karenina by Leo Tolstoy.

A good test
is as small as possible.

While still providing value.

A good test
is as simple as possible.

It is more important for tests to be simple than DRY.

A good test
tests as little as possible.

When it breaks, it should be easy to find why.

A good test
uses API for setup.

As much as possible. It's both faster and more
robust.

A good test
uses page objects.

Exceptions are possible but not probable.

A good test
doesn't depend on others.

Test suite should pass when tests are running in
random order or in parallel.

A good test
sets up it's environment.

Users, pages, files...

A good test
sets up it's environment.

It does not depend on the environment being in a
certain state.

A good test
is at a lower level.

What could be tested at a lower level should not be
tested at a higher level.

A good test
is at a lower level.

There should be as little high level tests as possible.

This list is not complete.

Please help me complete it.

Never trust a test you did
not see fail.

I could not find who said it first.