

# COMPONENTS IN STRUCTURE

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How software looks like on the inside

## What to test?

Source code, object code and documentation

### STRUCTURAL TESTING

Source code is being studied

### FUNCTIONAL TESTING

Source code is not being studied

### DYNAMIC TESTING

The component is run during the test

### STATIC TESTING

The component is not run during the test

## Structural tests:

❧ DETECTING ERRORS ❧



Are capable of detecting the exact point within the code where the errors have been produced



Have been studied in greater depth than functional ones since their mathematical foundations are most susceptible to improvements



Could be static or dynamic