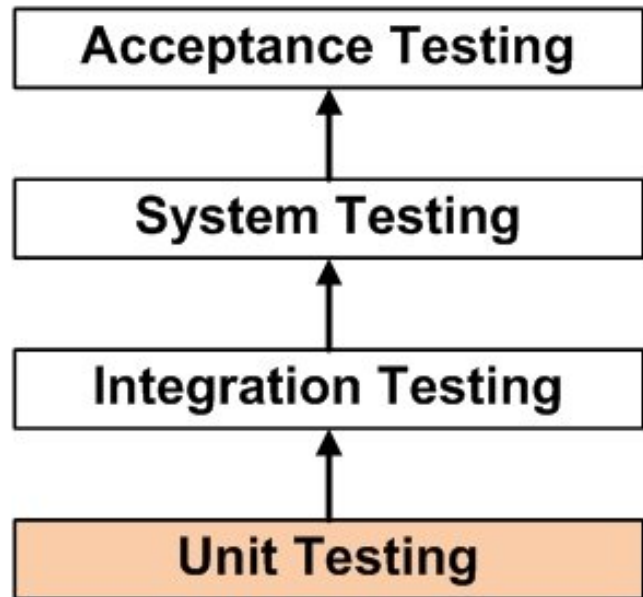


What is Unit Testing?

UNIT TESTING Fundamentals

DEFINITION

Unit Testing is a level of software testing where individual units/ components of a software are tested. The purpose is to validate that each unit of the software performs as designed.



A unit is the smallest testable part of software. It usually has one or a few inputs and usually a single output. In procedural programming a unit may be an individual program, function, procedure, etc. In object-oriented programming, the smallest unit is a method, which may belong to a base/ super class, abstract class or derived/ child class. (Some treat a module of an application as a unit. This is to be discouraged as there will probably be many individual units within that module.)

From the Unit Testing chapter of [Software Testing Fundamentals](http://softwaretestingfundamentals.com/unit-testing) at <http://softwaretestingfundamentals.com/unit-testing>.