Black Box Testing

Definition - What does Black Box Testing mean?

Black box testing is a software testing technique that focuses on the analysis of software functionality, versus internal system mechanisms. Black box testing was developed as a method of analyzing client requirements, specifications and high-level design strategies.

A black box software tester selects a set of valid and invalid input and code execution conditions and checks for valid output responses.
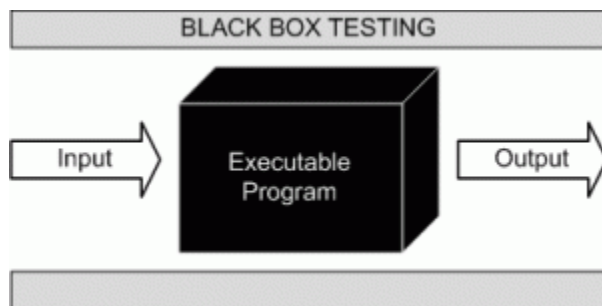
Black box testing is also known as functional testing.

Black Box Testing

- A search engine is a simple example of an application subject to routine black box testing. A search engine user enters text in a Web browser's search bar. The search engine then locates and retrieves related user data results (output).

DEFINITION

Black Box Testing, also known as Behavioral Testing, is a software testing method in which the internal structure/design/implementation of the item being tested is not known to the tester. These tests can be functional or non-functional, though usually functional.

This method is named so because the software program, in the eyes of the tester, is like a black box; inside which one cannot see.