

EQUIVALENCE PARTITIONING TESTING

http://www.tutorialspoint.com/software_testing_dictionary/equivalence_partitioning_testing.htm

Copyright © tutorialspoint.com

What is Equivalence Partitioning Testing?

Equivalence Partitioning also called as equivalence class partitioning. It is abbreviated as ECP. It is a software testing technique that divides the input test data of the application under test into each partition at least once of equivalent data from which test cases can be derived.

An advantage of this approach is it reduces the time required for performing testing of a software due to less number of test cases.

Example:

The Below example best describes the equivalence class Partitioning:

Assume that the application accepts an integer in the range 100 to 999
Valid Equivalence Class partition: 100 to 999 inclusive.
Non-valid Equivalence Class partitions: less than 100, more than 999, decimal numbers and alphabets/non-numeric characters.