SED Lecture 18
Equivalence Class Testing

Objectives

To be able to design unit test cases using the black box technique of equivalence class testing.

Key Points

1. The goal of equivalence class testing is to select classes so that the behaviour of the system under test can be assumed to be correct for all input data if it is shown to be correct for the selected data.
2. Boundary class testing is a special type of equivalence class testing in which test data is taken from the extremes of selected equivalence classes.

Core reading

Bruegge & Dutuoit, 11.4.3 unit testing
Sommerville (7th ed) 23.3.2 Partition testing
Pressman (5th ed) 17.6.2 equivalence partitioning

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