

OBJECT - ORIENTED TESTING

Characteristics of object-oriented testing

- The meaning of unit testing changes dramatically because each class and each instance of a class (object) encapsulates attributes (data) and the operations (also known as methods or services) that manipulate these data
 - We can not test a single operation in isolation but rather as part of a class
- Classes have larger grain than individual functions so approaches to white-box testing have to be extended
- OO software does not have a hierarchical control structure; there is no obvious 'top' to the system

Testing levels

- Testing object classes
- Testing clusters of cooperating objects
- Testing the complete OO system