Abstract

Object-Oriented programming is a combination of different levels consists of abstraction, class level cluster level and system level. In this article, we are going to discuss about the different testing aspects for object oriented programs. Idea is to test different testing aspects of Object-oriented Software Systems. The challenge is to cover testing with minimum effort to get maximum output.

References

- Mauro Pezzé, Michal Young, "Testing Object Oriented Software", Proceedings of the 26th International Conference on Software Engineering (ICSE’04), IEEE, 2004
- Priti Bansal, Sangeeta Sabharwal, and Pameeta Sidhu, "An Investigation of
Strategies for Finding TestOrder During Integration Testing of Object Oriented Applications&quot;, International Conference on Methods and Models in Computer Science, IEEE, 2009
- Suganya G, Neduncheliyan S, &quot;A Study of Object Oriented testing techniques: Survey and challenges&quot;, IEEE Conferences, 2010
- Gareth Thomas, &quot;Object Orientated Integration Testing&quot;, December 14, 2006;
- Jerry Gao Ph. D., &quot;Software Integration Testing&quot;, Jan 1999
- Jilles van Gurp, &quot;Object Oriented testing&quot;, December 9, 1998
- Dafydd Vaughan, &quot;System Testing with Object-Oriented Programs&quot;, Jan 12, 2007
- Jilles van Gurp, &quot;Object Oriented Testing Report&quot;, 1998
- Grady Booch, Ivar Jacobson and James Rumbaugh, &quot;The Unified Software Development&quot;, Process. 1999
- Grady Booch, Robert A. Maksimchuk, Michael W. Engel, Bobbi J. Young, Jim Conallen, Kelli A. Houston, &quot;Object-Oriented Analysis and Design with Applications (3rd Edition)&quot;, 2007
- Maj Nicko Petchiny, &quot;Object Oriented Testing&quot;, April 1998
- Jitendra S. Kushwah, Mahendra S. Yadav, Testing for Object Oriented Software&quot; Indian Journal of Computer Science and Engineering(IJCSE), Feb 2001
- Clay E. Williams, &quot;Software Testing and the UML&quot;, International Symposium on Software Reliability Engineering (ISSRE99), Bocs, Baton, 1999
- D. Kung, J. Gao, P. Hsia, F. Wen, &quot;Change Impact Identification in Object Oriented Software Maintenance&quot;, Software maintenance, Proceeding, International Conference, IEEE, 1994
- Bernhard Rumpe, &quot;Model-based Testing of Object-Oriented Systems&quot;, International Symposium, FMCO 2002

Index Terms

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Keywords
Object-oriented Software System  Unit-testing  Model Based Testing  Integration Testing
System Testing
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