



JUnit

Introduction

Agenda

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Introduction to JUnit

Objectives

At the end of this module, you will be able to explain:

- Basics of JUnit

Introduction to JUnit



JUNIT

- JUnit is an open source testing framework for Java
- JUnit test cases are Java classes that contain one or more unit test methods
- It is a simple framework for creating automated unit tests

JUNIT(Contd).

- These tests are grouped into test suites
 - JUnit tests are pass/fail tests explicitly designed to run without human intervention
 - JUnit can be integrated with several IDEs, including Eclipse
 - The JUnit distribution can be downloaded as a single jar file from *<http://www.junit.org>*
 - It has to be kept in the classpath of the application to be tested

Junit - an open source testing framework

JUnit has these advantages:

- it's simple to use
- it can test a single class at a time, or a suite of tests can be created for a group of classes
- it *greatly* increases your confidence in the correctness of your code
- it often improves the design of the class you are testing - since you spend more time thinking about how an object is actually used, instead of its implementation, defects in its interface become more obvious.

Summary

- Introduction to JUnit



Thank You