# Jmeter Online Training Content

## Jmeter COURSE CONTENTS

### INTRODUCTION

History
The Future
What is JMETER
Advantages and Disadvantage
Limitation

### GETTING STARTED

### REQUIREMENTS

Java Version
Operating System

### OPTIONAL

Java Compiler
JDBC Driver
Apache SOAP

### INSTALLATION

Downloading the Latest Release

### RUNNING JMETER

JMeter's Class path
Using a Proxy Server
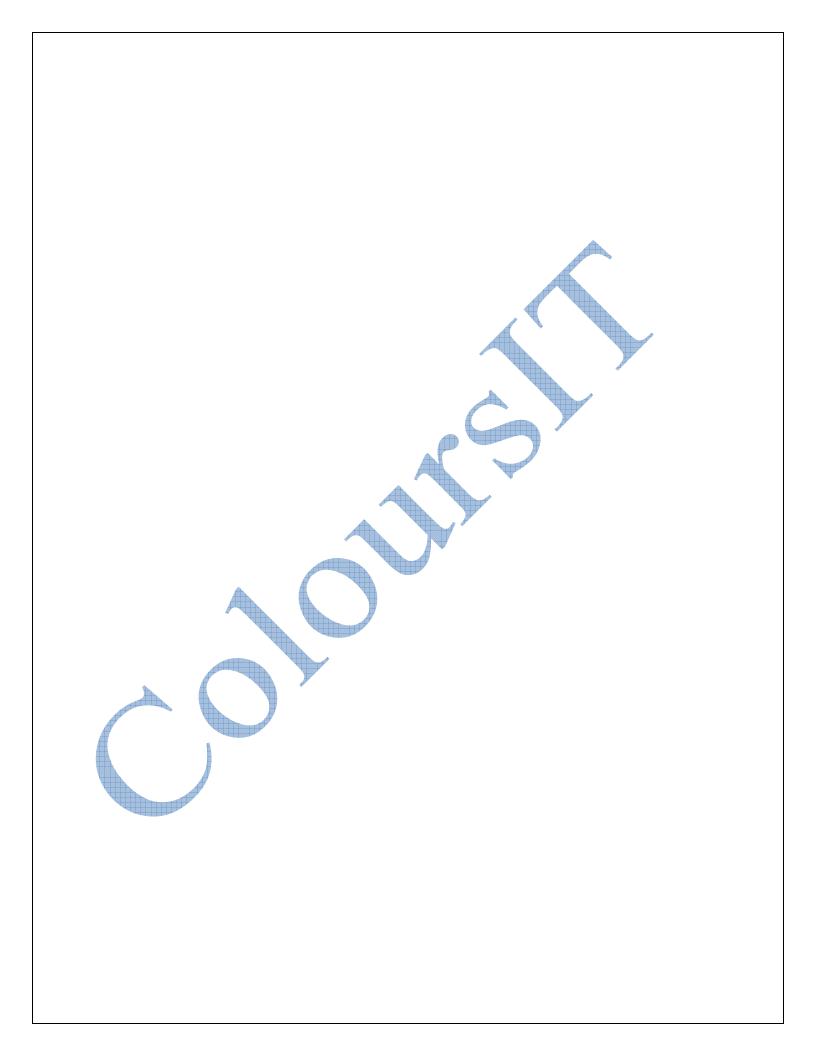
### CONFIGURING JMETER

### BUILDING A TEST PLAN

Adding and Removing Elements
Loading and Saving Elements
Configuring Tree Elements
Saving the Test Plan
Running a Test Plan
Error reporting

### ELEMENTS OF A TEST PLAN

Thread Group
Controllers
Listeners
Timers
Assertions
Configuration Elements
Pre-Processor Elements

- Post-Processor Elements
- Execution order
- Scoping Rules
- Properties and Variables
- Using Variables to parameterise tests
- Building a Web Test Plan
- Adding Users
- Adding Default HTTP Request Properties
- Adding Cookie Support
- Adding HTTP Requests
- Adding a Listener to View/Store the Test Results
- Logging in to a web-site

## BUILDING A DATABASE TEST PLAN

- Adding Users
- Adding JDBC Requests
- Adding a Listener to View/Store the Test Results

## BUILDING A WEBSERVICE TEST PLAN

## BUILDING A JMS POINT TO POINT TEST PLAN

## BUILDING A JMS TOPIC TEST PLAN

## BUILDING A MONITOR TEST PLAN

## LISTENERS

## REMOTE TESTING

## BEST PRACTICES

- Limit the Number of Threads
- Where to Put the Cookie Manager
- Where to Put the Authorization Manager
- Using the Proxy Server to record test scripts
- User variables
- Reducing resource requirements

## PARAMETERISING TESTS

## FUNCTIONS

## REGULAR EXPRESSIONS