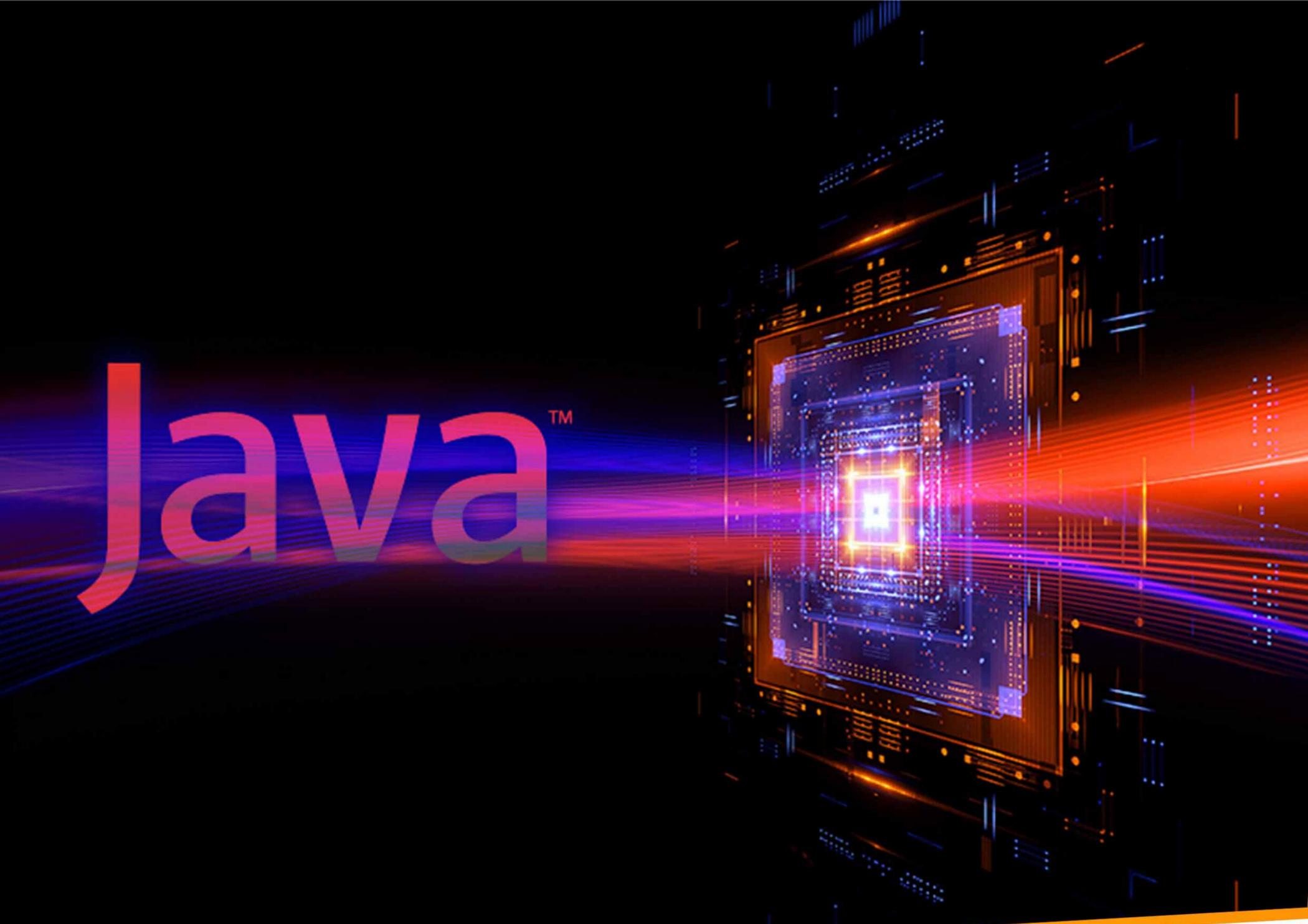




Struts Framework



Java™

About Course

Struts is an open source framework that extends the Java Servlet API and employs a Model, View, Controller (MVC) architecture. It enables you to create maintainable, extensible, and flexible web applications based on standard technologies, such as JSP pages, JavaBeans, resource bundles, and XML.

STRUTS FRAMEWORK

CURRICULUM

1 Basics of MVC

What is MVC?

MVC Type1 and Type2 architecture

Why Struts framework?

Struts 1 overview

Struts 1 and Struts 2 comparison

2 Struts 2 Architecture

Architecture Diagram explanation of following components:

Components of Model, Views and Controller in Struts Framework

Interceptors

Model/Action classes

Value Stack

OGNL

Introduction to configurations; framework and application architecture

Declarative and Annotations configuration approaches

3 Struts 2 set up and first Action class

Download JAR files

Struts 2 project build up and Configuration files

To build Action class

To intercept an HTTP request via Struts2 framework using Action class

Defining data and business logic in Action class

Preparing and Forwarding control to Views

4 Struts 2 Interceptors

What are Interceptors

Responsibilities of an Interceptor

Mechanism of Interceptor calling in Struts 2

Defining Interceptors

Defining Interceptor stacks

Defining Custom Interceptors

5 Struts 2 Tag Library

Introduction to tag library of Struts 2 and it's usage

6 Struts 2 Validations

Validations using Validateable interface

7

Struts 2 Tiles Frameworks

Introduction to Tiles in a page

Struts2 Tiles framework introduction

Defining tiles.xml file

Configuring pages for tiles

A complete Tiles example with Struts2



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