**Web Services**

**Introduction**

Vertically Integrated

Distributed

TO learn Web Services:

* Should be aware of servlets.
* Maven
* Eclipse
* XML(XSD)
* JSON

Web Services are of two types:

1. SOAP (Legacy )
2. RESTful (Most Popular)

* Web Services Introduction

1. What is Web Services
2. Why Web Services
3. Real Time Examples of WebServices

* Different Web services

1. SOAP
2. REST

* About HTTPS
* Understanding SOAP & REST Web Services
* Understanding XML & JSON
* JSON To java Object and Vice-Versa using GSON framework
* XML to java Object and Vide-versa using JAXB framework
* Understanding XML
* SOAP Web Service using Spring & Apache CXF
* REST Web Service using Spring-REST & Apache Jersey

**Web Services** helps to communicate with multiple web application to communicate with each other. It is language neutral.