RESTful API Implementation

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Learning Objectives

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- **Understand what is RESTful API**

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- **Understand what is RESTful API**
- **Learn to implement RESTful API using Views**

System Requirement

To record this tutorial, I am using

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- **Ubuntu Linux 16.04 OS**

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- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Drupal 8**

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To record this tutorial, I am using

- **Ubuntu Linux 16.04 OS**
- **Drupal 8**
- **Firefox web browser**

Pre-requisites

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- **A working Internet connection**

What is RESTful API

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- It is based on **RE**presentational **S**tate **T**ransfer (**REST**) technology

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- It is based on **REpresentational State Transfer (REST)** technology

- It is also referred to as a **RESTful web service**

What is RESTful API

- It is based on **RE**presentational **S**tate **T**ransfer (**REST**) technology

- It is also referred to as a RESTful web service

- **RESTful API provides methods to external clients to fetch, add or modify data on the server**

What is RESTful API

For example:

- **Using the same server, we can do a bank transaction either using a mobile app or desktop website**

Users

Users

- **Anonymous user**

Users

- **Anonymous user**
- **Authenticated user**

Users

- **Anonymous user**
- **Authenticated user**
- **Authenticated users with permission to modify content**

Summary

- **RESTful API**

- **Implementation of RESTful API using Views**

- **Implement the RESTful API on the Article content type**

About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org /What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**

- **Gives certificates to those who pass an online test**

- **For more details, please write to**
  contact@spoken-tutorial.org

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