KOENIG
step forward

KOENIG SOLUTIONS · COURSE OUTLINE

API Technical Writing: JSON & XML

Learn to document APIs by working with data types, JSON, and XML, and writing clear structured data documentation.

5	23
MODULES	TOPICS

COURSE OVERVIEW

This course looks at the role of APIs and why API documentation matters, comparing JSON and XML as data formats. It covers data types, Boolean values, and structured data before examining JSON, including how to create JSON files and document them. It then turns to XML, covering its structure, creating XML files, and documenting XML content. It closes with an overview of tools for writing structured data documentation and how to use structured data within documentation.

WHO THIS COURSE IS FOR

- **Technical Writers**
- **API Documentation Specialists**
- **Content Developers**
- **Software Documentation Teams**

LEARNING OBJECTIVES

- Explain what APIs are and why API documentation matters
- Compare JSON and XML as structured data formats
- Identify data types and Boolean values in structured data
- Describe how JSON works and create a JSON file
- Apply documentation techniques to JSON content
- Describe how XML works and create an XML file
- Apply documentation techniques to XML content
- Identify tools for writing structured data documentation

COURSE SYLLABUS

5 Modules, 23 Topics

01 Introduction

TOPICS

Teacher's background and credentials · What are APIs? · Why is API documentation important? · JSON, XML, and how they compare · Class overview

02 Data Type and Structured Data

TOPICS

Data types · Boolean values · Structured data

03 JSON

TOPICS

What is JSON and How Does It Work? · Create a JSON File Exercise · JSON Quiz · Documenting JSON · JSON Documentation Exercise · JSON Documentation · An Alternative to Indenting

04 XML

TOPICS

What is XML and How Does It Work? · Create XML Exercise · XML Quiz · Documenting XML · XML Documentation Exercise · XML Documentation

05 Final Words

TOPICS

- Tools for Writing Structured Data Documentation
- Using Structured Data for Documentation

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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