

Objective

OmniMark is a powerful environment for developing content processing applications. For the developer who wants to learn more about OmniMark, this classroom-based course is the ideal starting point. It introduces the OmniMark language and execution environment, and equips attendees with practical skills for building high-performance content processing applications.

Course Outline

Through a combination of self-study, lab exercises and instructor-led web review meetings with interactive question and answer sessions, participants will learn how to:

- ✓ work effectively with the core capabilities of OmniMark
- ✓ use OmniMark's powerful pattern-matching capabilities for text processing and converting content into XML/SGML
- ✓ use OmniMark's markup parser to validate XML/SGML markup
- ✓ use OmniMark to process and enrich XML/SGML content prior to publication

Course modules

Module 1 Introduction to markup processing

- Language basics
- Variables
- Shelves
- Markup validation
- Hierarchical event model
- Element context

Module 2 Pattern matching

- Pattern matching
- Patterns with element content
- Text processing
- Directing output
- Streaming
- Groups

Module 3 Streaming features

- Re-ordering and cross-referencing
- External text entities
- Functions
- Introducing coroutines
- Using modules
- A look beyond

Acquired skills

After completion of the course, attendees will have the knowledge to:

- ✓ work with the core features of OmniMark to solve common content processing challenges
- ✓ exploit the streaming model to maximize application efficiency
- ✓ analyse, extract and structure information using OmniMark powerful pattern-matching capabilities
- ✓ validate XML/SGML markup structures
- ✓ build event-driven XML/SGML processing applications

Instruction method

The course comprises:

- Three self-study modules, including hands-on lab exercises. Project examples are used to demonstrate OmniMark's unique features.
- Three personal web-based review meetings with an experienced OmniMark instructor, to be scheduled upon completion of each module. These two-hour interactive sessions will provide the opportunity to review how OmniMark may be best utilized to address specific customer content processing issues.

Course materials are delivered electronically.

Course duration

It is expected that participants will complete the course over a four week period. Access to the course instructor is restricted to four weeks commencing from electronic delivery of course materials.

Participant preparation

Participants will benefit from prior knowledge of XML/SGML, familiarity with basic programming principles, and some experience with at least one programming language.