

## Structure Definition with XSD («XSD»)

Your idea of the data structure could not be implemented accurately enough using Document Type Definition (DTD)? Discover how to resolve these limitations with the standard XML Schema Definition (XSD) defined by the WWW Consortium (W3C).

**Duration:** 1 day

**Price:** 750.–

**Course documents:** Digicomp courseware

### Content

1. Scheme
2. Items
  - Declarations
  - Relationships
  - Frequencies
  - Mixed contents
3. Linkages
  - Scheme without namespace
  - Scheme with target namespace
4. Types of data
  - Standard types
  - Definitions
5. Attributes
  - Declarations
  - Specifications
  - Rules
6. Constraints
  - Numerical values
  - Strings
  - Enumerations
  - Regular expressions
7. Extensions
8. Annotations

### Key Learnings

- Awareness of the disadvantages of the DTD
- Working around the disadvantages with XSD
- Know where to get direct information about the latest developments

### Target audience

This course is designed for anyone who wants to make better use of XML, understand the power and potential of XSD or design XML applications: Project manager, database designer/modeler, computer scientist, web programmer and webmaster.

### Requirements

Attendance of the following course or equivalent knowledge:

- [Data Markup with XML and Structure Definition with DTD \(«XML»\)](#)

## Further courses

- [Transformation with XSL and addressing with XPath \(«XSL»\)](#)
- [Web Services – Basics and Architectures \(«XWS»\)](#)

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-software-engineering/it-architecture/enterprise-software-architecture/course-structure-definition-with-xsd](http://www.digicomp.ch/courses-software-engineering/it-architecture/enterprise-software-architecture/course-structure-definition-with-xsd)