SpiralTrain
developer courses

XBRL Fundamentals

Audience XBRL Fundamentals Course
The course **XBRL** Fundamentals is intended for developers, IT staff and financial specialists who must learn to read and understand XBRL documents.

Prerequisites Course XBRL Fundamentals
To participate in the course XBRL Fundamentals knowledge of the basic syntax of **XML** is required.

Realization Training XBRL Fundamentals
The theory is discussed on the basis of presentation slides. Demos are used to clarify the theory. There is ample opportunity for practical exercises. The course material is in English.
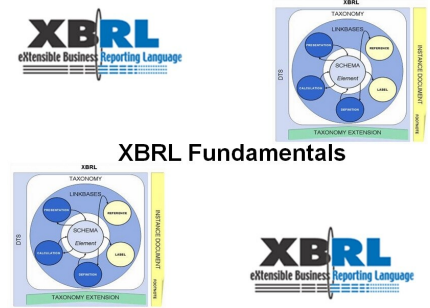
Certificate Course XBRL
Participants receive an official certificate XBRL Fundamentals after successful completion of the course.

Duration: 2 days   **Price: € 1499**

Open Schedule

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Content Course XBRL Fundamentals

The course XBRL Fundamentals covers the basic concepts of the Extensible Business Reporting Language (XBRL). XBRL is an XML vocabulary that is used for the exchange of financial data and the preparation of financial reports.

XBRL Intro
The foundations of XBRL are based on XML standards such as XML Schema, XLink and XPointer and the essentials of these standards are discussed. The preparation of an XBRL taxonomy in the form of an XML Schema is also discussed.

Discoverable Taxonomy Set
In this context we should actually speak of a Discoverable Taxonomy Set consisting of various XML Schemes and linkbases in the form of XML files with meta information.

Linkbases
The course covers how draft reports can be converted into XML tags and how meta-information is assigned to these tags. The various linkbases for labeling, presenting and referring information are discussed. And also the calculation linkbase with which simple business rules can be enforced is treated.

XBRL Instance Documents
Attention is also paid to XBRL instance documents, the specification of numerical contexts and attributes and the representation of data in more dimensions.

XML Formula Linkbase
Finally some applications of XBRL will be discussed as well as a.o. the extensibility of XBRL with more complex business rules in the XML Formula linkbase.

Modules Course XBRL Fundamentals

Module 1 : XBLR Intro	Module 2 : Taxonomies	Module 3 : Linkbases
What is XBRL?	What are Taxonomies?	What are Linkbases?
What is XML?	XBRL Taxonomy Standards	Characteristics of Linkbases
XML versus XBRL	Taxonomy Parts	Roles and Arcroles
XLink and XPointer	Schematic Overview	Label Linkbase
Benefits of XBRL	Taxonomy Selection	Language Support
Taxonomy and Instance	Taxonomy Schema	Label Linkbase Roles
Extension Taxonomies	Concept Definitions	Reference Linkbase
XBRL Specifications	Item Data Types	Reference Linkbase Roles
Financial Reporting Overview	XML Schema Data Types	Calculation Linkbase
GAAP and IFRS	Taxonomy Elements	Calculation Relations Concerns
Legacy Reporting Workflow	Concept Attributes	Definition Linkbase
Single Source of Data	Taxonomy Relationships	Definition Linkbase Roles
XBRL Business Report	Linkbases References	Presentation Linkbase
Module 4 : Instance Documents	**Module 5 : Dimensions**	**Module 6 : XBRL Modules**
Instance Documents	Mapping Intro	Extending XBRL
XBRL Root	Multidimensional Model	Taxonomy Types
XBRL Root Attributes	Pivot Tables	XBRL Formula
Facts	Mappping Dimension Values	Formula Linkbase
Items and Tuples	Mapping Context	Using XPath
Contexts	Mapping Facts	Binding Variables
Context Entity	Mapping Footnotes	Value Expressions
Context Period	Complete Mapping	Calculations Results
Context Scenario	Options and Properties	Standard Predicates
Context Examples	Functions and Filters	Equality Testing
Units	Hypercubes	Inline XBRL
Editing Default Units	Types of Hypercubes	XBRL Versioning
Validation	Editing Hypercubes	XBRL Table Linkbase