



X-Lexicon 3.2

Brief introduction

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Inventory of changes

X-definition 3.2

Default version X-definition 3.2

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1 Notice

Questions, remarks and bug reports please send to: xdef@syntea.cz.

The actual version of X-definition you can download from: <http://www.xdef.org/>

2 Introduction

This document describes the basic use of the "X-lexicon" technology in X-definition. It is designed for programmers who need to work with XML data in different local languages. X-lexicon is built on top of X-definition and it enables to work with XML data modified to different local languages. For using X-lexicon it is required a basic knowledge about X-definition.

2.1 Terms and abbreviations

<i>X-definition</i>	1. The language used for description of the structure, content, processing and construction of XML objects. 2. XML element in the X-definition language.
<i>X-lexicon</i>	Technology for creating lexicons in different languages
<i>XDPosition</i>	XDPosition is a description of a location of a model in the set of X-definitions (compiled to XDPool)

3 X-lexicon

The X-lexicon is a XML document describing the local names of XML elements, attributes and enumeration items in the models from X-definitions according to given local language.

Example

Let us have a master X-definition describing an insurance contract:

```
<Contract
  VIN   = "required int()"
  Date  = "required date()">
  <Owner
    Name      = "required string()"
    CompanyID = "required num(8)" />
  <Keeper xd:script="occurs 1.."
    PersonalID = "required num(10)" />
  </Contract>
```

The lexicon with default language English and the German modification:

```
<xd:lexicon>
</xd:lexicon>
```

3.1 todo

The source code of examples above is distributed together with downloaded X-definition files:

<http://www.xdefinice.cz/en/download/>