

Overview

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Cadaster 2014 Statement 3:

«Cadastral Mapping is dead! Long live modelling!»



Situation in Switzerland

The first version of the cadastral model was introduced in 1993 and revised in 2001 (pre Cadaster 2014!).

With the introduction of the geo information law **160 new data models** will be completed by end of 2014.

INTERLIS is the common modelling language to formulate all models of the GDI (since 1993).

Many computer assisted tools (compiler, checker, translators) support INTERLIS.



INTERLIS Key Features

System neutral modelling language to describe relational or object-oriented data models.

Directly process able by modern software tools.

XML based data exchange.

Compatible with the relevant international Standards (UML, XML).





Available Software Tools for INTERLIS

Compiler	Tests the syntactic correctness of INTERLIS models (free).
Checker	Validates XML data sets against a model (free & commercial).
Other	DB-Generator, Translators, UML-Editor, etc. (free & commercial).

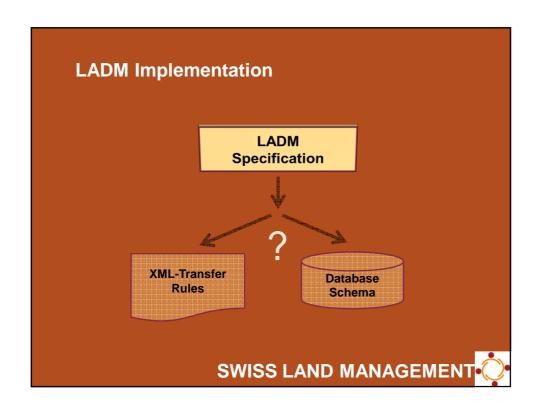
see also www.interlis.ch for more information

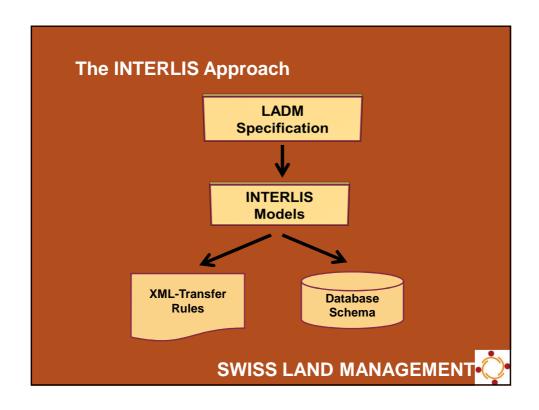


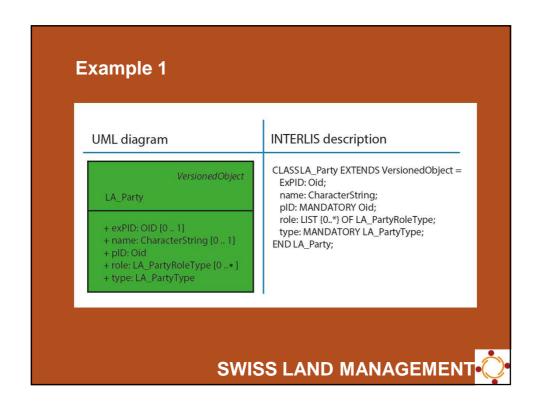
ISO19152 / LADM

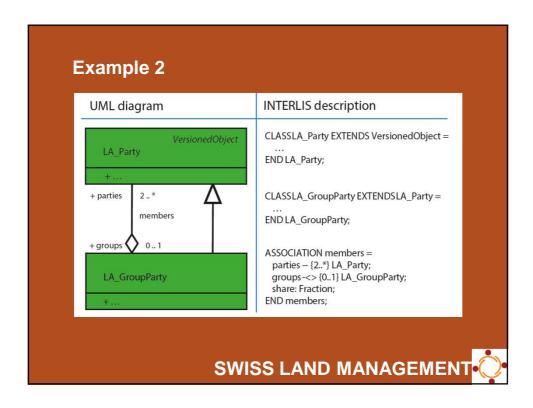
- Conceptual model covering basic information related components of land administration.
- Basis for the development and refinement of efficient and effective land administration system.
- Compatible with Cadaster 2014 principles.
- ISO Standard since December 2012.











Conclusion

- ✓ By translating LADM to INTERLIS we get directly computer process able data models and data exchange formats
- ✓ We can use the available INTERLIS tools (compiler, checker, translators) for LADM
- ✓ All translated models can be downloaded from the SLM website at

swisslm.ch

for free



