

Overview

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Situation in Switzerland

The first version of the cadastral data model was introduced in 1993 (revised in 2001).

With the introduction of the geo information law **160 new data models** will be completed by end of 2016.

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

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

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INTERLIS Language 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).

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Available Software Tools for INTERLIS

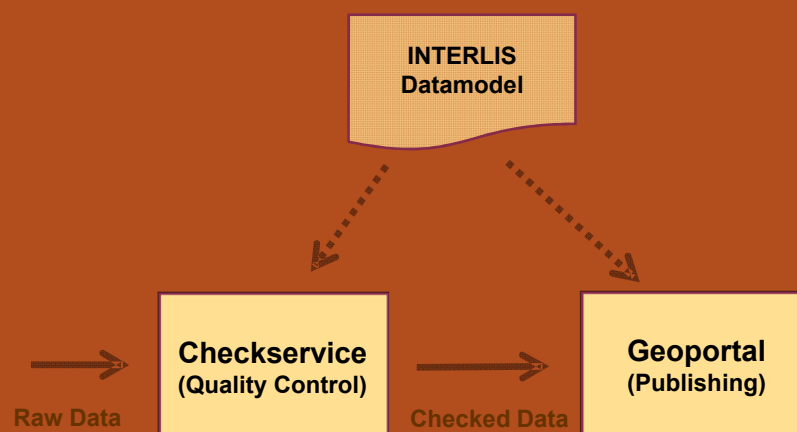
Compiler	Tests the syntactic correctness of INTERLIS models (free).
Checker	Validates XML data sets against a model (free & commercial).
Other	DB-Generator, Translators, UML-Editor, etc. (free & commercial).

see also www.interlis.ch for more information

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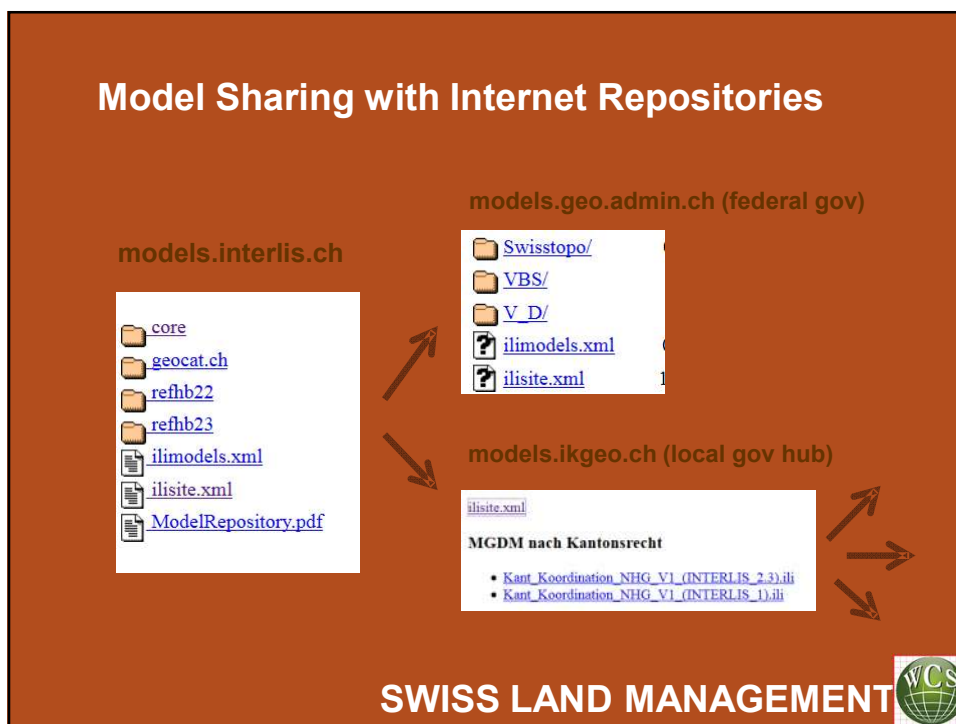
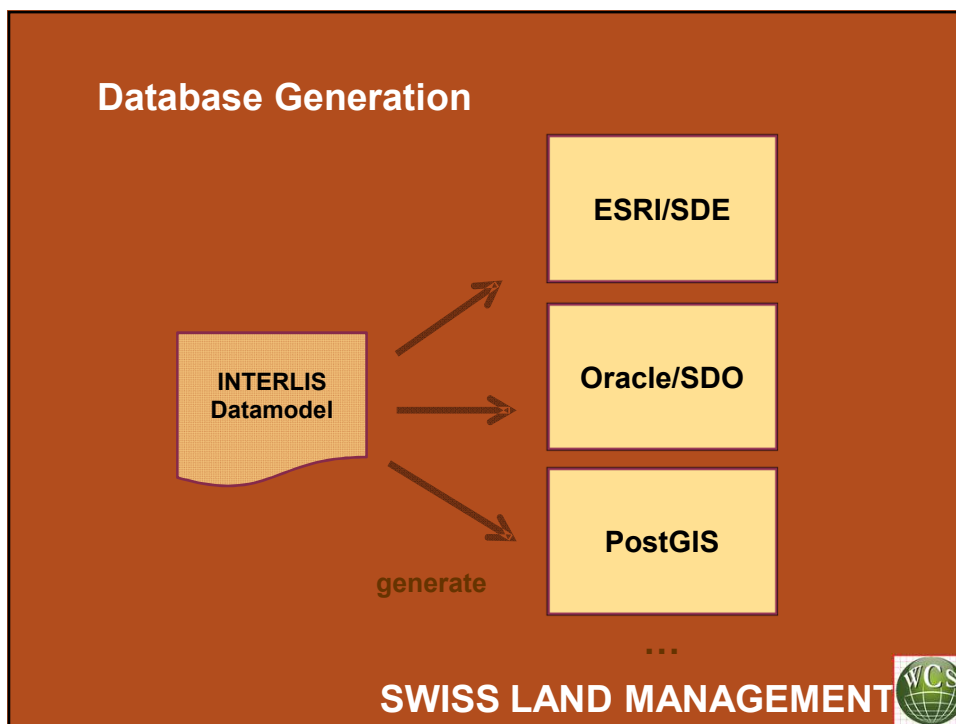


Automated Quality Control



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Conclusion

- ✓ INTERLIS allows us to share standardized data models in multi vendor environments
- ✓ Automatic quality control of data becomes possible as the transfer format is directly derived from the data model
- ✓ In complex NSDI environments a common data modeling / data integration concept is key to success

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A photograph of a man in a dark suit standing in a field of tall, golden-brown grass, holding a white document. The background shows rolling hills under a cloudy sky.

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The logo for Swiss Land Management, consisting of a white square with a circular arrangement of red and yellow dots.

Thank you for your attention ...

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FOUNDATION**
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The logo for the World Cadastre Summit (WCS), featuring a green globe with the letters 'WCS' in white.

The World Cadastre Summit, 20-24 April 2015, Istanbul Turkey