Geopol.ch, a Cloud-based platform to check and transform Geodata

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CONNECT. TRANSFORM. AUTOMATE.

About INSER

INSER is a GIS Consulting company

- Based in Lausanne, Switzerland
- Founded in 1974 (!)
- 16 employees
- Safe Software partner since 2003
- 2 Certified Professionals, 1 Certified trainer

Geopol.ch – The Story

When geodata is exchanged between stakeholders, the delivered data never seems to come in the right

- ❑ Format
- ❑ Coordinate system
- ❑ Data model
- ❑ Quality
- ❑ All of the above

Geopol.ch – The Story

This means that these exchanges usually require processing...
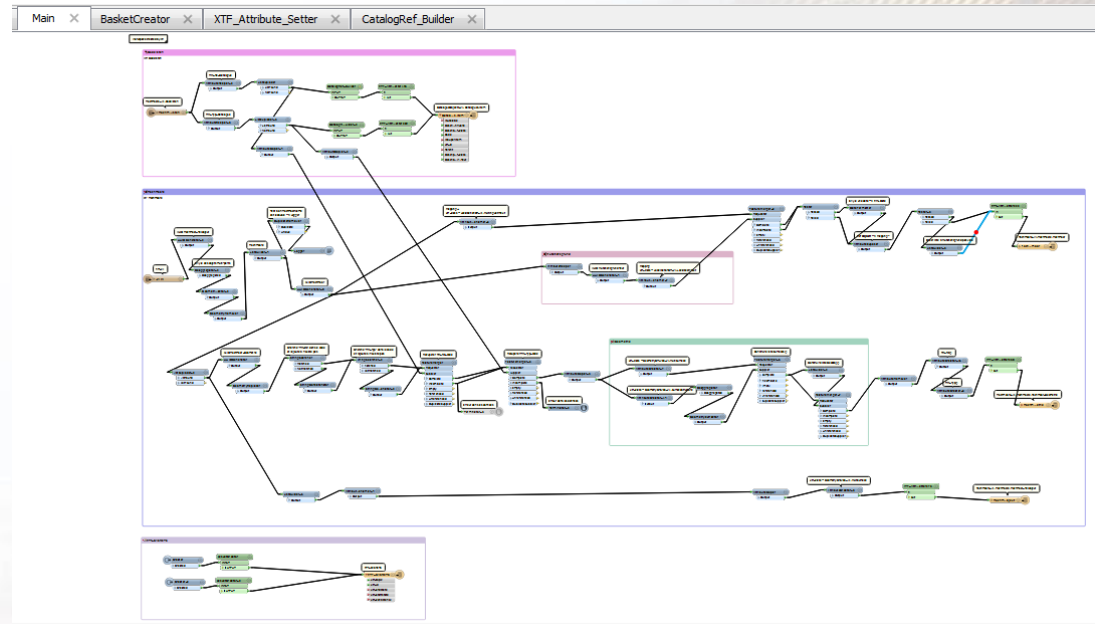
We all know at least one great tool for data processing...

... but the average user is very often lost in the process.

Geopol.ch – The Story

Even the apparently simple translations can be a headache

Geopol.ch – The Solution

As we felt that the users needed an easier way to support them in their daily work, INSER launched a BPaaS platform called **geopol.ch**.,

Main goal of the system:

Make complicated processes easily accessible

Geopol.ch – The Solution

That means that the system must be:

- ✓ "Business focused"
- ✓ User-friendly
- ✓ Easy on resources
- ✓ Highly available

Geopol.ch – The Solution

FME Cloud provides the right technological framework for such a portal, but it had to be customized to guarantee

- ✓ Process documentation

- ✓ User-management

- ✓ Multi-lingual GUI

Geopol.ch – The Solution

Simple,
Multi-lingual UI

Documentation

User and rights
management

Geopol.ch – The Solution

The user…

    … logs in on Geopol.ch (if required registers)

    … Searches for the required process

    … Reads the documentation

    … uploads the data

    … gets an E-Mail containing the download link

    … Downloads the transformed data

Geopol.ch – The Solution

The processes are presented in a way that the user can focus on his business process.

They can be developed by INSER or by 3rd parties.

Geopol.ch – Use cases

Use case 1 – Data validation

A public administration requires that all data delivered by contractors must be checked by Geopol.ch

Geopol.ch – Use cases

Use case 2 – Compliance to a standard

A law or a standard defines how the data must be structured (typically INSPIRE).

Geopol.ch provides the transformation from business tools to the standard.

Geopol.ch – Use cases

Use case 3 – Provide tools to non specialists

As part of a project, a contractor must produce results in a certain form, but has neither the skills nor the tools to do so.

Geopol.ch – Business model

Geopol works as a **freemium** service.

All processes can be used at no cost, with a limit on the number of objects to be processed.

Premium service is offered as subscription or "pay-per-use".

No credit-card based payment.

Thank You!

- Questions?

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