Državna geodetska uprava

HALE – Humboldt **AL**ignment **E**ditor

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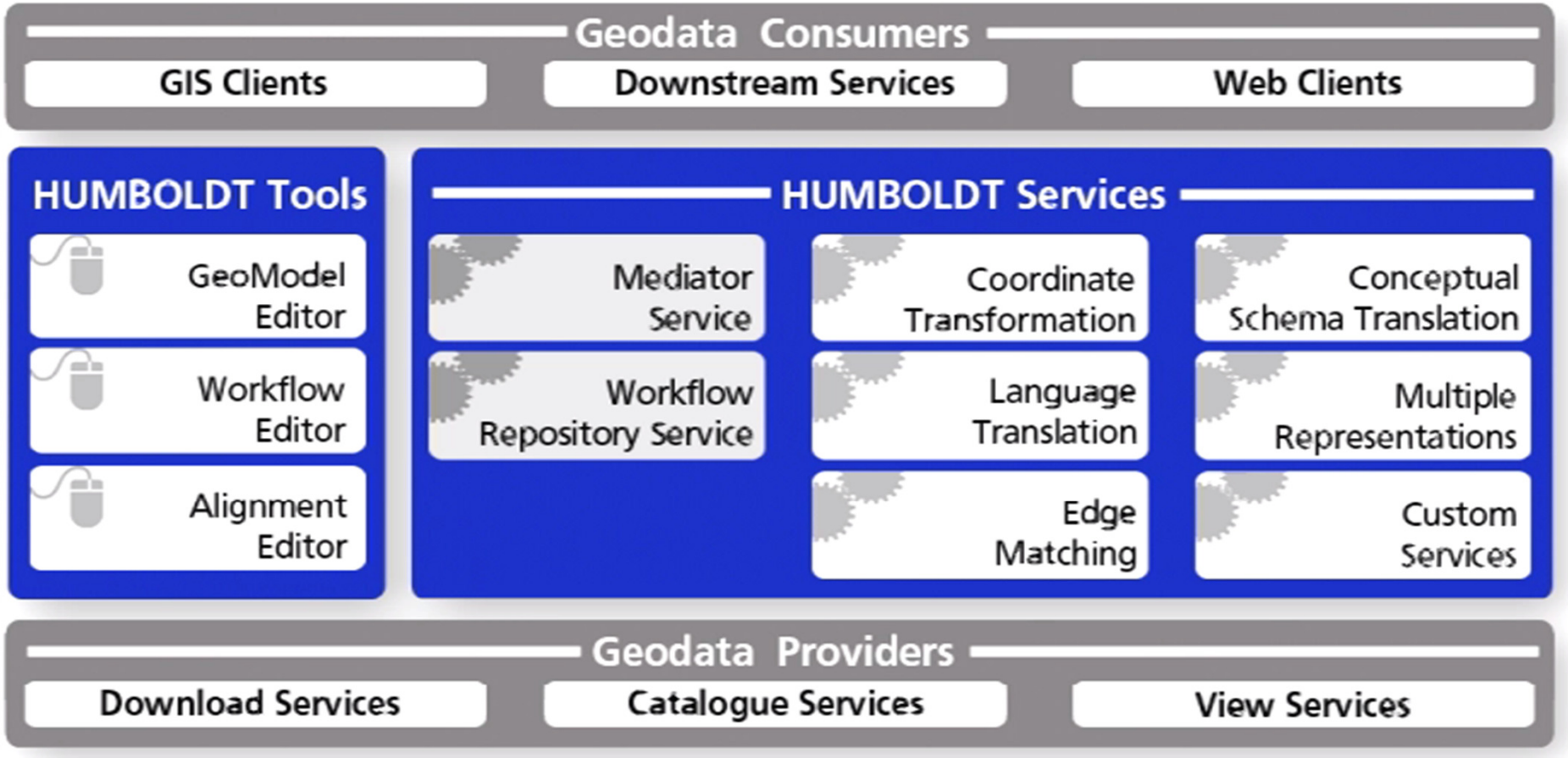
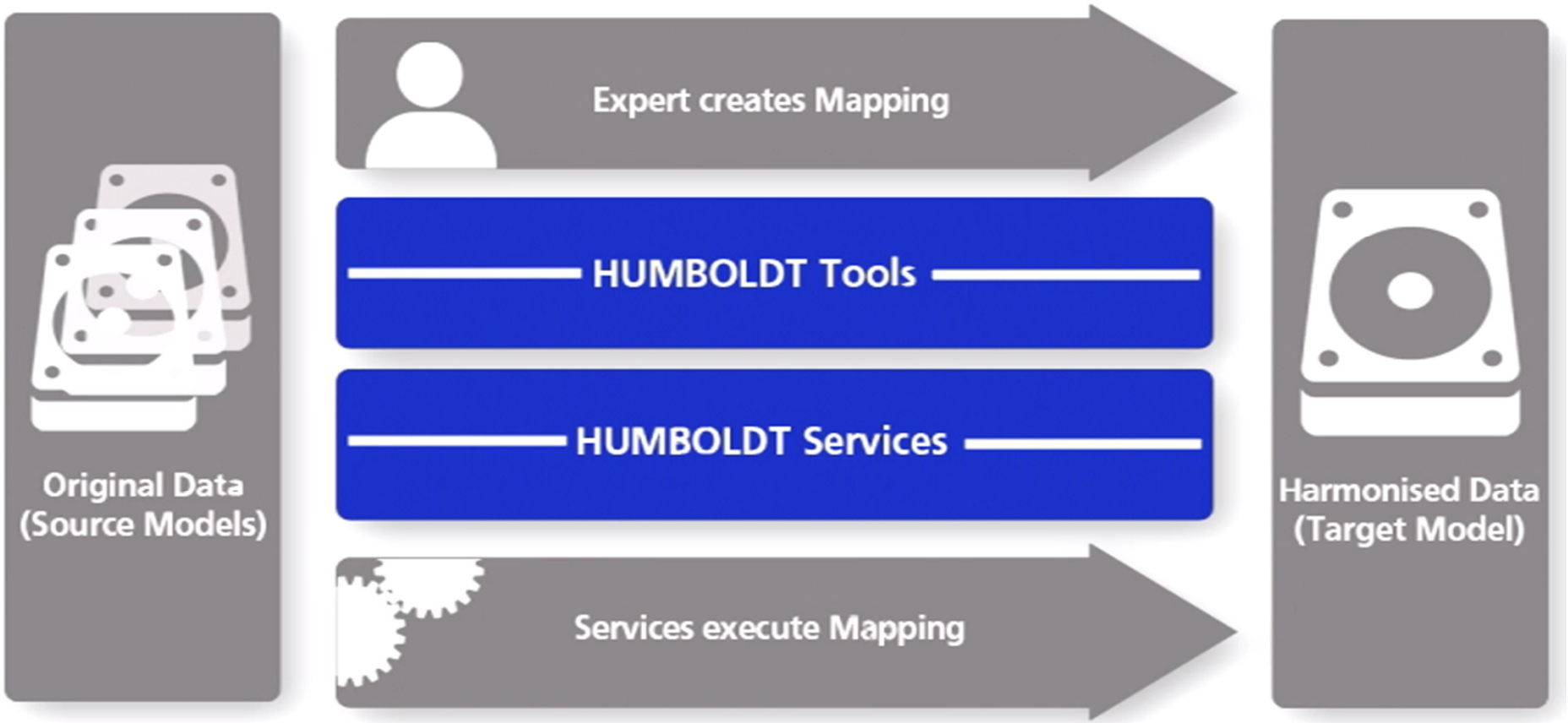
Uvod

- O projektu Humboldt
- Korištenje aplikacije HALE
- Transformacija podataka pomoću aplikacije HALE

Humboldt projekt



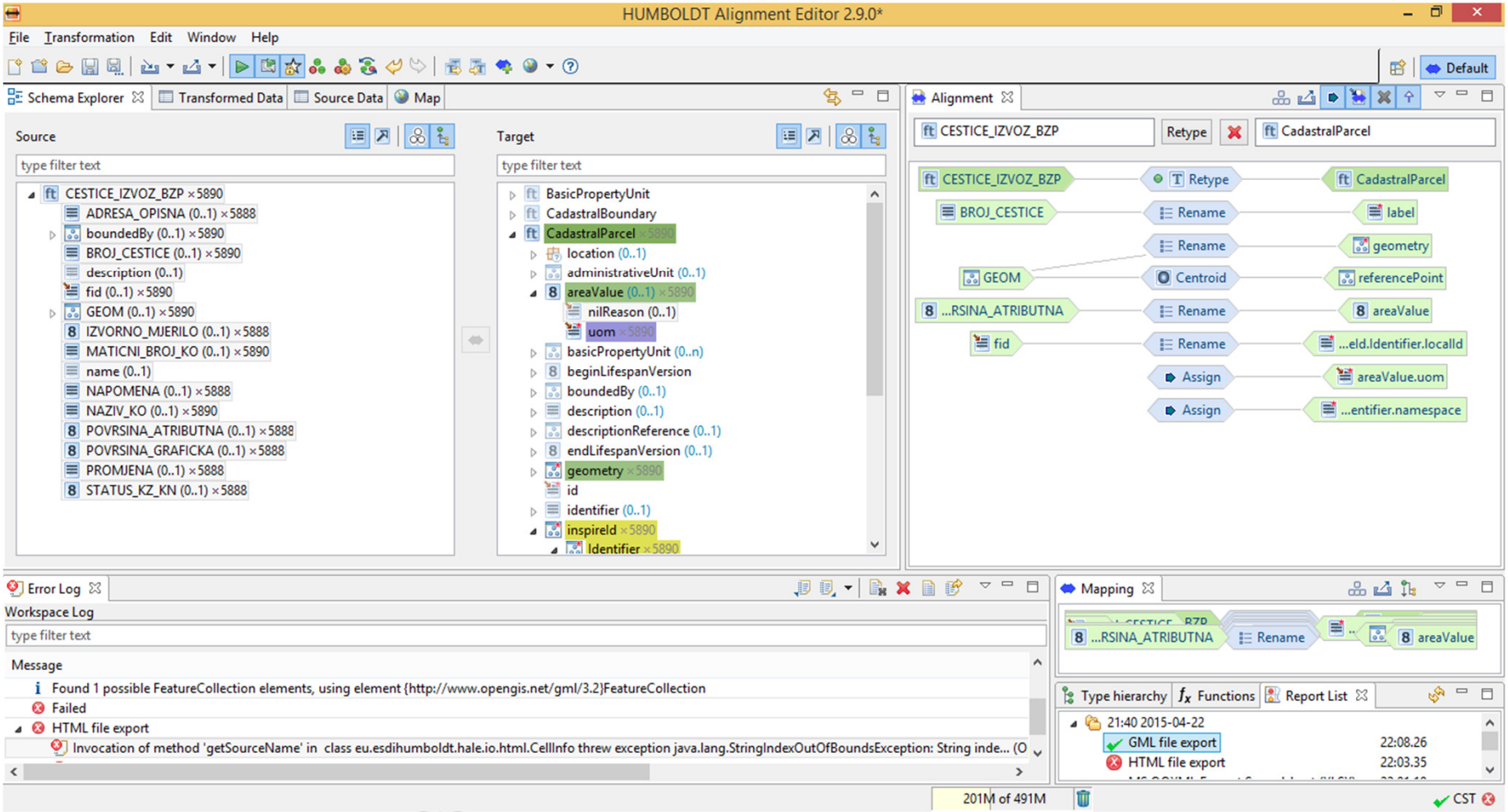
Princip i raspodjela rada



Osnovno o HALE-u

- Nastao u okviru Humboldt projekta
- Osnovna svrha
- Aplikacija otvorenog koda
  - LGPL 3.0.
- Preuzimanje
  - http://community.esdi-humboldt.eu/projects/list_files/hale

Grafičko sučelje HALE-a



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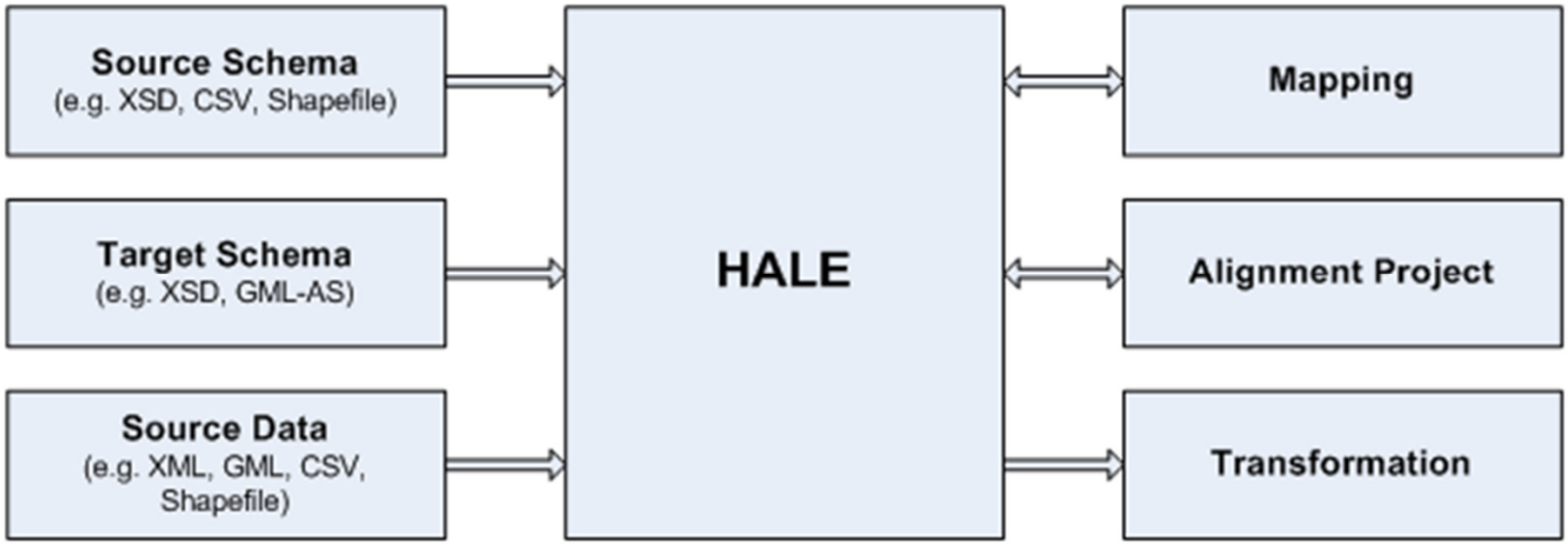
Operativni sustavi i formati

- Operativni sustavi
  - Windows 32 Bit (XP SP/2003 ili noviji)
  - Windows 64 Bit (XP SP/2003 ili noviji)
  - Linux
  - MacOS
- Podrška za podatkovne formate
  - Schema import: GML 2.1, GML 3.1, GML 3.2, Shapefile, WFS
  - Data import: GML 2.1, GML 3.1, GML 3.2, Shapefile, WFS
  - Data export: GML 2.1, GML 3.1, GML 3.2, Shapefile
  - Mapping export: OML, RIF-PRD, CSV, HTML, XSLT

Funkcionalnosti

- Mapiranje shema
- Generiranje tablica podudarnosti

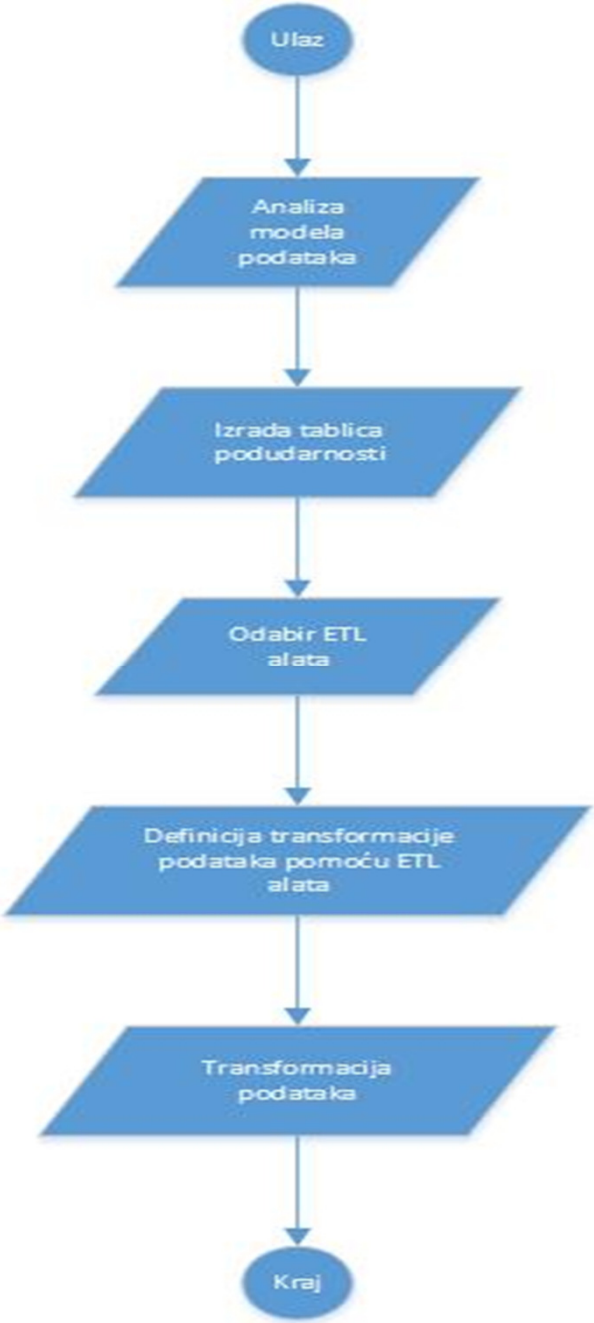


Ugrađene funkcije

- General
  - Retype
  - Merge
  - Join
  - Create
  - Rename
  - Date extraction
  - Regex Analysis
  - Assign
  - Generate Unique Id
  - Classification
  - Formatted string
  - Assign (Bound)
- Geometric
  - Ordinates to Point
  - Network Expansion
  - Calculate Length
  - Calculate Area
  - Centroid
  - Compute Extent
- Groovy
  - Groovy Retype
  - Groovy Create
  - Groovy Merge
  - Groovy script
  - Groovy script (greedy)
- Inspire
  - Inspire Identifier
  - Geographical Name
- Numeric
  - Mathematical Expression
  - Generate sequential ID

TRANSFORMACIJA

1. Analiza podataka i identifikacija izvornog modela podataka
2. Identifikacija i analiza ciljnog modela podataka
3. Izrada tablice podudaranja (Matching table)
4. Analiza i rješavanje problema
5. Transformacija s odabranim alatom
6. Validacija podataka



Zaključak

- Odlična aplikacija dostupna na svim platformama
- Odlična podrška za INSPIRE
- Podržava otvorene formate
- Intuitivna definicija mapiranja i transformacije
- Izvoz definicije transformacije

Hvala na pažnji!

Slijedi demonstracija rada aplikacije…

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