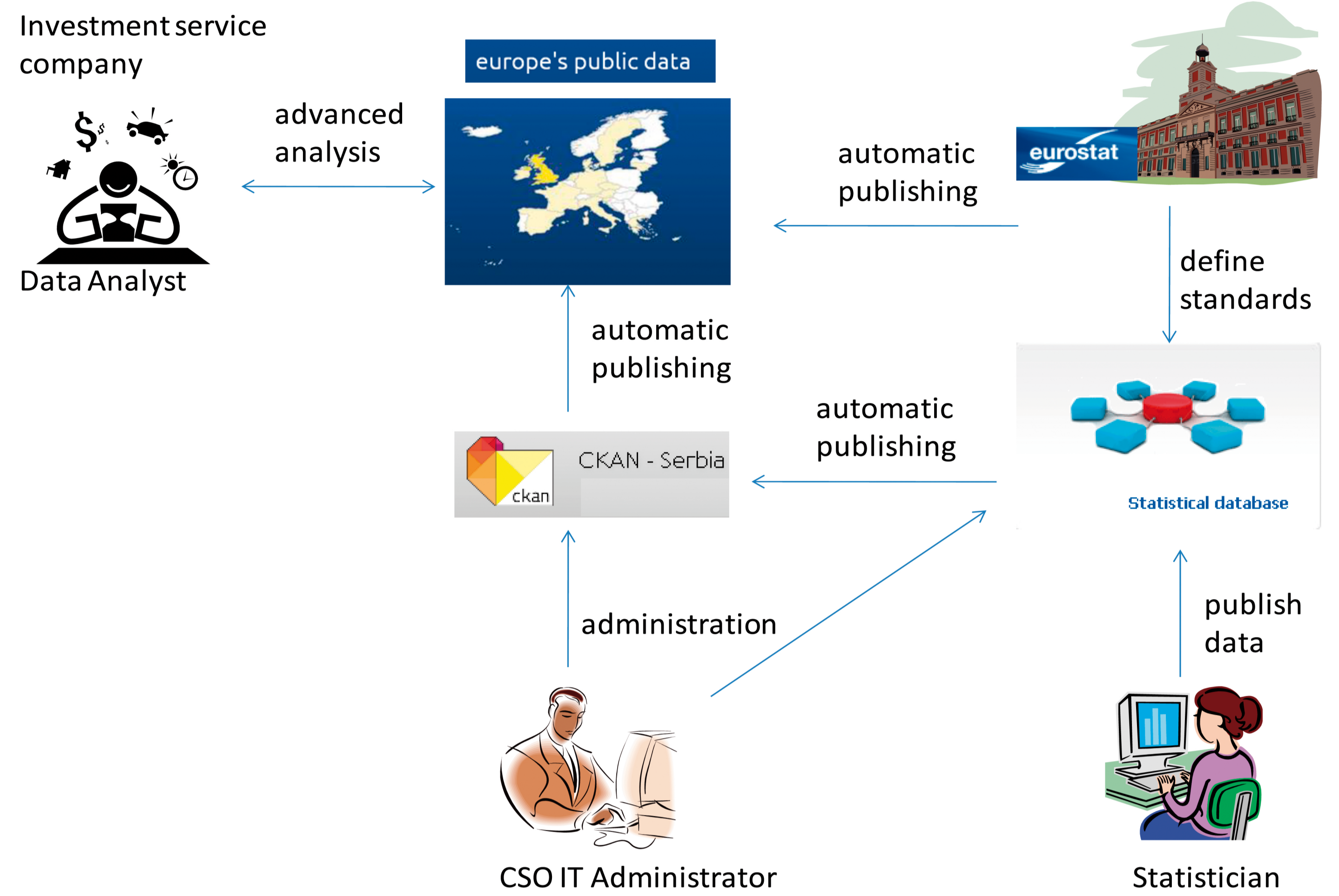


Goals

- Integration of public sector information from Serbia in the LOD cloud
- Showcase how an integrated and coherent collection of aligned state of the art software tools, the LOD2 Stack, can be used to deliver trusted, open and rich collections of interlinked datasets to the public.

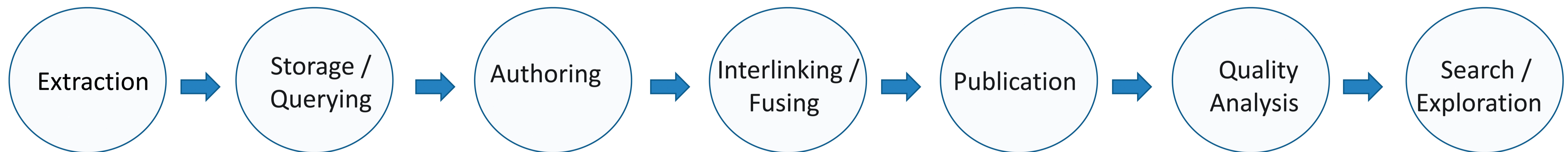
Conclusions

- The LOD2 Stack provides a wide range of data transformation, enrichment and exploitation tools
- The Serbian CKAN increases the visibility and accessibility of Serbian public sector data
- The Data Cube RDF vocabulary is mature enough to be used for publishing statistical data
- The Serbian LOD is interlinked with DBpedia and Eurostat
- LOD2 stack components used
 - XSLT, LODGrefine, OntoWiki (CSV2RDF, CubeViz), Virtuoso, Silk, PoolParty, SparQLed, LODStats



Example

- Statistical Office of the Republic of Serbia, <http://stat.gov.rs/>
- Input data from dissemination database <http://webzrs.stat.gov.rs/WebSite/public/ReportView.aspx>
- Publishing to the Serbian CKAN, <http://rs.ckan.net>



Extraction & Loading Querying & Exploration Authoring Linking Enrichment Online Tools and Services Configuration

This is Version 1.1 of the LOD2 Stack, which comprises a number of tools for managing the life-cycle of Linked Data. The life-cycle comprises in particular the stages

- Extraction of RDF from text, XML and SQL
- Querying and Exploration using SPARQL
- Authoring of Linked Data using a Semantic Wiki
- Semi-automatic link discovery between Linked Data sources
- Knowledge-base Enrichment and Repair

You can access tools for each of these stages using the menu on top.

The LOD2 Stack is developed by the LOD2 project consortium comprising 15 research groups and companies. The LOD2 project is co-funded by the European Commission within the 7th Framework Programme (GA no. 257934).

You can find further information about the LOD2 Stack and the LOD2 project at <http://lod2.eu>.



LOD2 Demonstrator, <http://fraunhofer2.imp.bg.ac.rs/lod2demo>



CKAN - Serbia — admin Одржите се

Додајте скуп података Тражи Групе О сервису

Наћи скипове података

Statistical Office of the Republic of Serbia

Преглед Ресурси (2) Историја Сродни (0) Подешавања Followers (0)

Ауторизација Follow

The Statistical Office of the Republic of Serbia is special professional organization in the system of state administration of the Republic of Serbia that performs the expert tasks related to: adopting programs, organization and conducting of the statistical surveys, methodology creation, collecting, processing, statistical analysis and publishing of the statistical data, preparation and adopting of unique statistical standards; development, maintenance and usage of administrative and statistical registers of the Republic; establishing and maintenance of the system of national accounts; cooperation and expert coordination with bodies and organizations that are in charge of carrying out the statistical surveys; cooperation with international organizations so as to provide standardization and data comparability; data processing, with the aim of providing election results and referendum on the level of the Republic, as well as other tasks stipulated by the law.

Лиценца: Other (Public Domain)

Тагови: government statistics

Групе: Statistical Office

Сродни скупови података

is a parent of rzs-economy-and-finance-statistics (Statistics by theme)

is a parent of rzs-population-and-social-conditions-statistics (Statistics by theme)

is a parent of rzs-industry-trade-and-services-statistics (Statistics by theme)

is a parent of rzs-science-and-technology-statistics (Statistics by theme)

Ресурси (Измени)

void Description of the SORS Linked Open Dataset text/turtle

Description of the SORS Linked Open Dataset html

Додатне информације (подешавања)

Поље	Вредност
Извор	http://www.stat.gov.rs/
Аутор	Аутор није наведен
Одржава	Одржавацац није наведен
Статус	active

Multidimensional Data Model in RDF

```
<q:DataSet rdf:about="RS-DATA/National_accounts/Quarterly_GVA_by_activities/data_2012_01_19">
  <rdfs:label rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Quarterly GVAby activities</rdfs:label>
  <dcterms:subject rdf:resource="http://purl.org/linked-data/sdmx/2009/subject#2.2"/>
  <dc:publisher rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Statistical Office of the Republic of Serbia</dc:publisher>
  <rdfs:comment>Source: RZS (http://www.stat.gov.rs/) - RZS Database.</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://webzrs.stat.gov.rs/WebSite/public/ReportView.aspx"/>
  <qb:structure rdf:resource="RS-DATA/National_accounts/dsd#Quarterly_GVA_by_activities"/>
</qb:DataSet>

<q:Observation rdf:about="RS-DATA/National_accounts/Quarterly_GVA_by_activities/data_2012_01_19#obs1">
  <qb:DataSet rdf:resource="RS-DATA/National_accounts/Quarterly_GVA_by_activities/data_2012_01_19"/>
  <sdmx-attribute:unitMeasure rdf:resource="RS-DIC/esa95-unit#MIO_NAT"/>
  <rs:geo rdf:resource="RS-DIC/geo#RS"/>
  <rs:time rdf:resource="RS-DIC/time#Y2001Q1"/>
  <rs:activityNACEr2 rdf:resource="RS-DIC/nace_rev2#TOTAL"/>
  <sdmx-measure:obsValue>136364.2</sdmx-measure:obsValue>
</qb:Observation>
```

Used vocabularies

- RDF Data Cube, <http://purl.org/linked-data/cube#>
- SDMX-RDF, Statistical Data and Metadata eXchange, <http://purl.org/linked-data/sdmx#>
- SKOS, Simple Knowledge Organization System <http://www.w3.org/2004/02/skos/core#>
- void, Vocabulary of Interlinked Datasets, <http://rdfs.org/ns/void#>
- Dublin Core Terms, <http://dublincore.org/documents/dcmi-terms/>