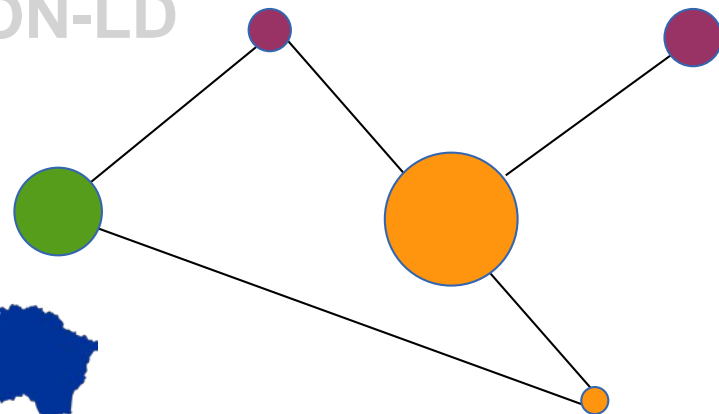


CPSV-AP in RDF/XML, UML, JSON-LD



CPSV-AP-SK

+

Pilot

+

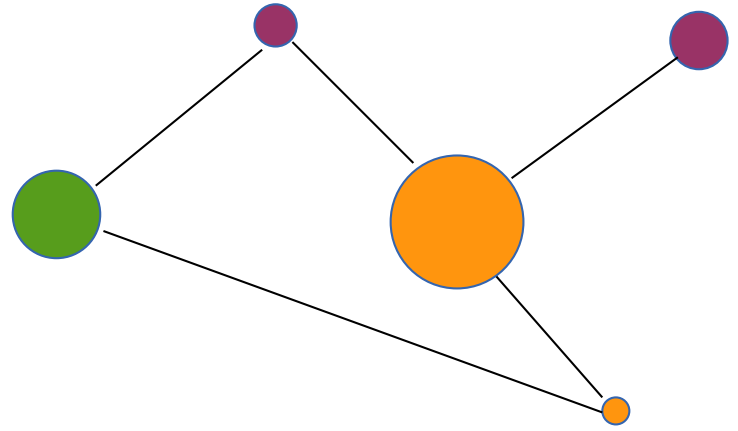
Graph based exploration of public services

CoS workshop, Sofia

Miroslav Líška

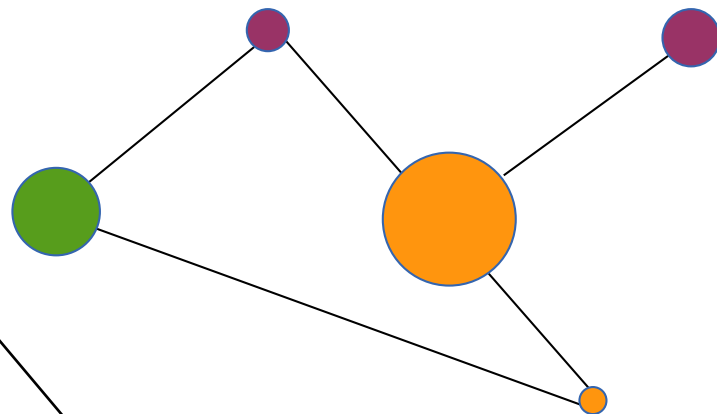
2018-06-15

<https://www.linkedin.com/in/miroslavliska/>



I.
CPSV-AP-SK

Semantic Interoperability Framework



LEVEL 4

Explicit examples

LEVEL 3

Application Profiles

Reference Data Definition

LEVEL 2

Base Registries
Ontological Model

Core Vocabularies

LEVEL 1

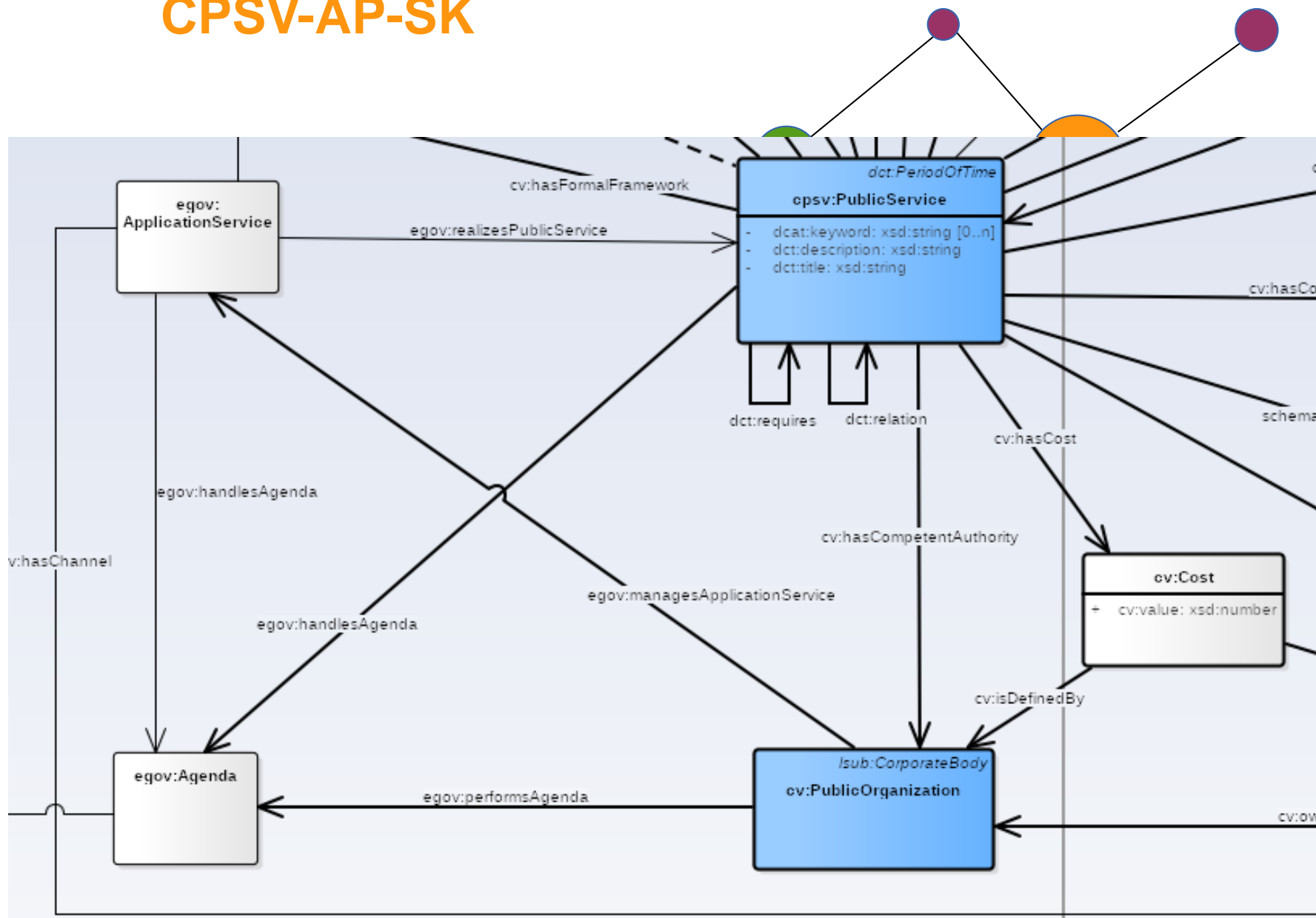
Valid URIs for public resources

Inference rules

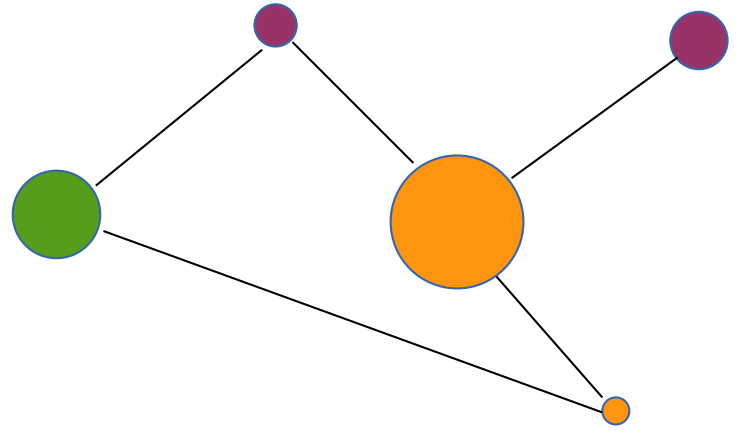
Rudolf Yeti (Person);
Zasnežíme a.s.;
(Legal Subject)
DGAT-AP-SK7/A
Balvanho SK7/A
BPSV-AP-SK ...
Addresses (sk-person, ...),
controlled
<https://data.gov.sk/>
vocabularies
..



CPSV-AP-SK

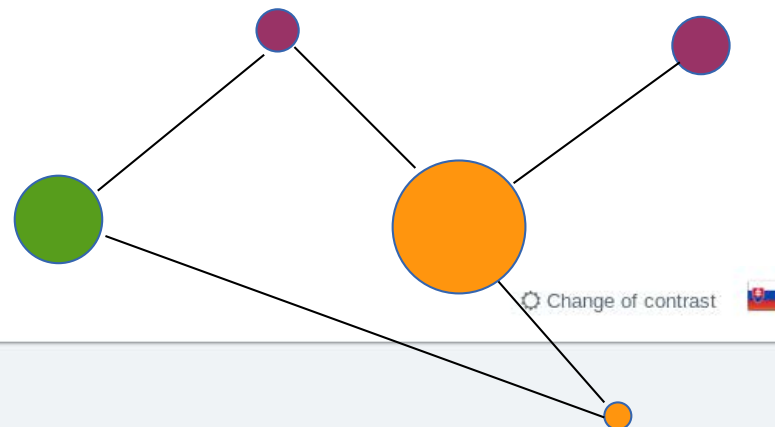


<https://wiki.finance.gov.sk/pages/viewpage.action?pageId=2494590>



II. CPSV-AP pilot in Slovakia

MetaIS – source of public services



METAIS Search everywhere

PUBLIC AUTHORITY

EGOVERNMENT COMPONENTS

- ISVS
- eGov service**
- Process
- Agenda
- Section of public administration
- Life situation
- Application service
- Infrastructure service
- Total ownership costs
- Monitoring

STUDIES, PROJECTS, KRIS

INTEGRATION AND SLA

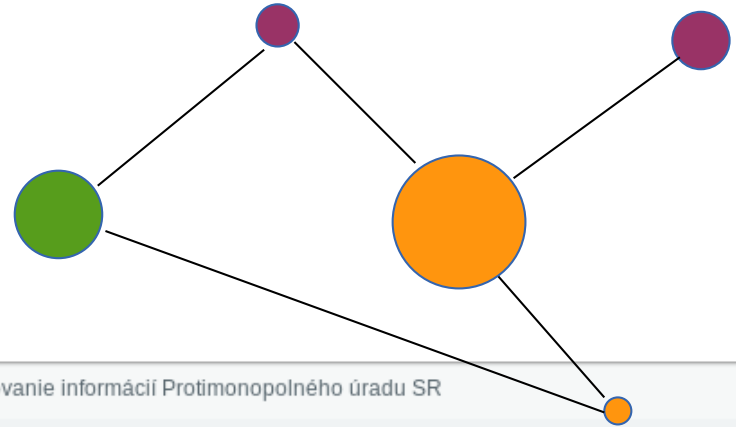
Items list eGov service

[Show advanced options of records filter](#)

Search table View

eGov service name	MetaIS code	Service type	Level of service electronisation
Publikovanie informácií Centra pre liečbu drogových závislostí Košice	ks_335507	public administration, public authority and public bodies	level 4
Php live chat	ks_335506	public administration, public authority and public bodies	level 3
Podávanie daňového priznania k dani za psa	ks_335505	original competence of municipalities	level 4
Podávanie daňového priznania k dani z nehnuteľností	ks_335504	original competence of municipalities	level 4
Ohlasovanie vzniku, zániku alebo zmeny poplatkovej povinnosti za komunálne odpady a drobné stavebné odpady	ks_335503	original competence of municipalities	level 4
Ohlasovanie vzniku, zániku alebo zmeny poplatkovej povinnosti za komunálne odpady a drobné stavebné odpady	ks_335502	original competence of municipalities	level 4

MetaIS – public services already have URIs



METAIS Search everywhere

Main page » eGovernment components: eGov service » Zverejňovanie informácií Protimonopolného úradu SR

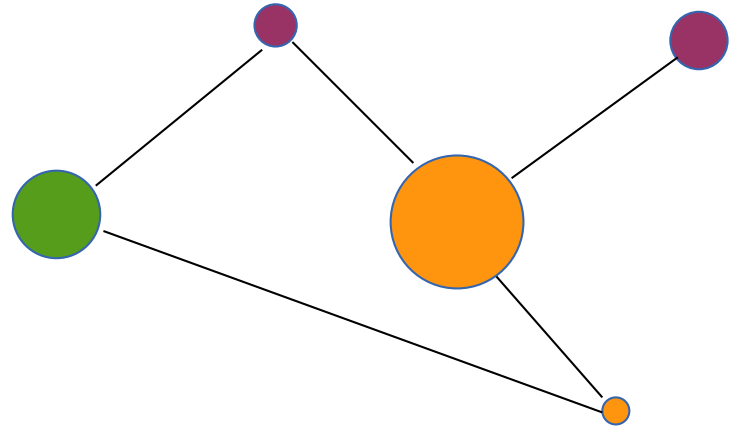
eGov service: Zverejňovanie informácií Protimonopolného úradu SR

[Summary Information](#) | **Basic information** | [Detailed information](#) | [Relationships](#) | [Documents](#) | [SLA parameters](#)

Gestor:	Protimonopolný úrad SR	
eGov service name:	Zverejňovanie informácií Protimonopolného úradu SR	?
English name:	Publication of information of the Antimonopoly Office of the Slovak Republic	?
Description:	Služba sprístupňuje tlačové správy, oznámenia o koncentrácii, usmernenia a pokyny úradu, iniciatívy, súhrny konaní, rozhodnutí a iných informácií Protimonopolného úradu SR na internetovej stránke úradu.	?
English description:	Service provides press releases, concentration notifications, guidelines and instructions of the Office, activities, summaries of the proceedings, decisions and other information of the Antimonopoly Office of the Slovak Republic at the website of the Office.	?
Note:		?
MetaIS code:	sluzba_egov_821	?
Reference identifier:	https://data.gov.sk/id/egov/public-service/821	?

Objective of pilot: to provide RDF format annotated with CPSV-AP-SK

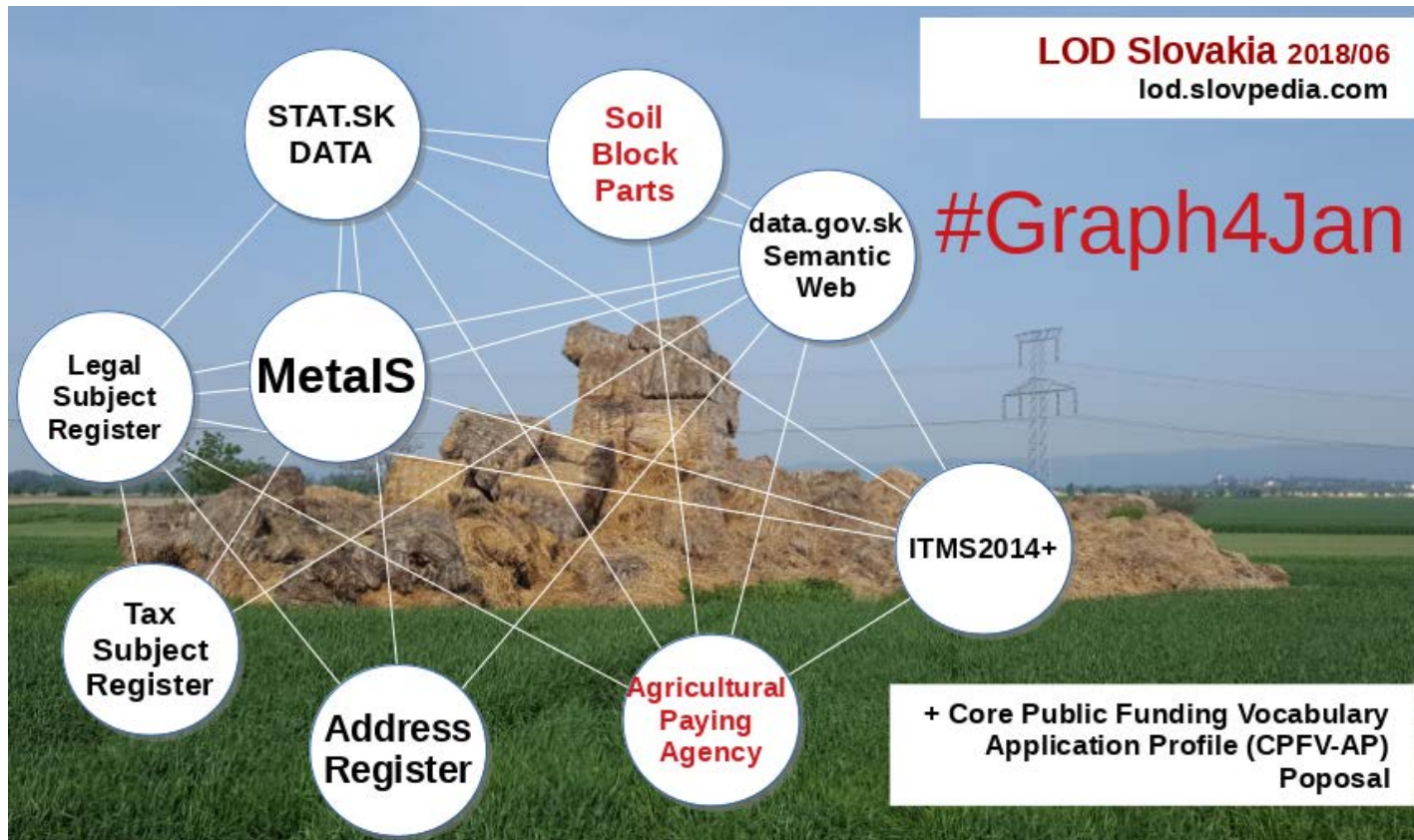
The image shows a screenshot of the data.gov.sk website. At the top left is the logo for data.gov.sk, described as the 'ústredný portál verejných služieb ľuďom'. A network diagram with colored nodes (green, orange, purple) and connecting lines is overlaid on the right side of the page. Below the header, there is a navigation bar with 'Dataseťy' and a search bar containing the text 'služby'. Below the search bar, it says '99 nájdených datasetov pre "služby"'. A dropdown menu for sorting is set to 'Posledná modifikácia'. The first search result is 'Elektronické služby na ÚPVS' with icons for xlsx, CSV, and a 5-star rating. The second result is 'Objednávky tovarov a služieb RÚVZ Bardejov' with icons for HTML, XML, and a 5-star rating. On the left, there is a map filter titled 'Filtrovať podľa lokácie' showing a map of Central Europe. On the right, there are navigation buttons for 'Informácie', 'Prihlásiť sa', 'Dataseťy', and 'Applikácie'.



III.

Graph based exploration of public services

LOD Slovakia 18/6 (#Graph4Jan)




Public Service – example (table view)

<https://data.gov.sk/id/egov/public-service/821>




dct:description


 Služba sprístupňuje tlačové správy, oznámenia o koncentrácii, usmernenia a pokyny úradu, iniciatívy, súhrny konaní, rozhodnutí a iných informácií Protimonopolného úradu SR na internetovej stránke úradu.

[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

dct:title

 Publication of information from the Antimonopoly Office of the Slovak Republic

[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

 Zverejňovanie informácií Protimonopolného úradu SR


[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

schema:startDate


2017-04-05T00:00:00Z

[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

dcat:keyword

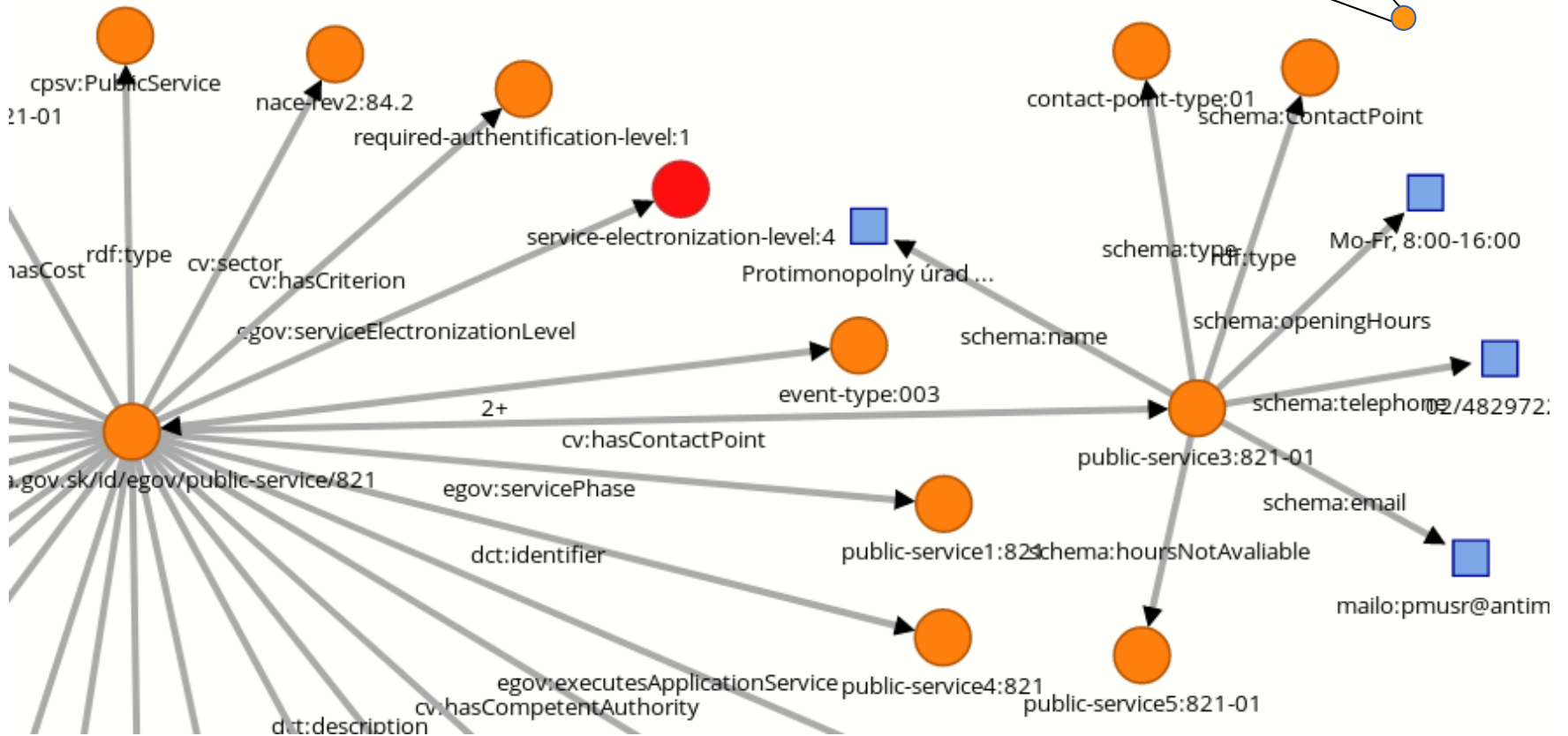
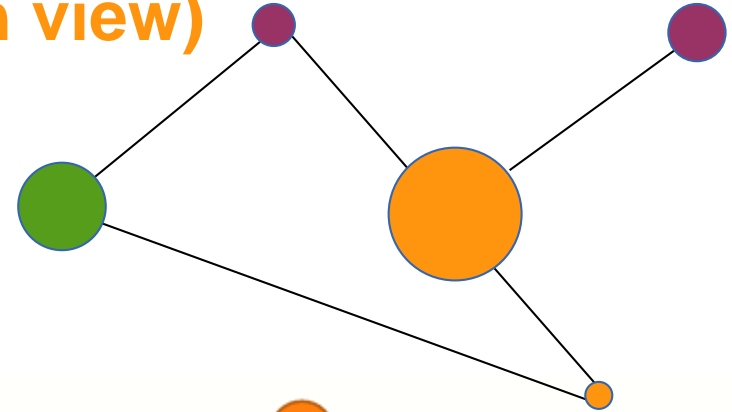
 market protection

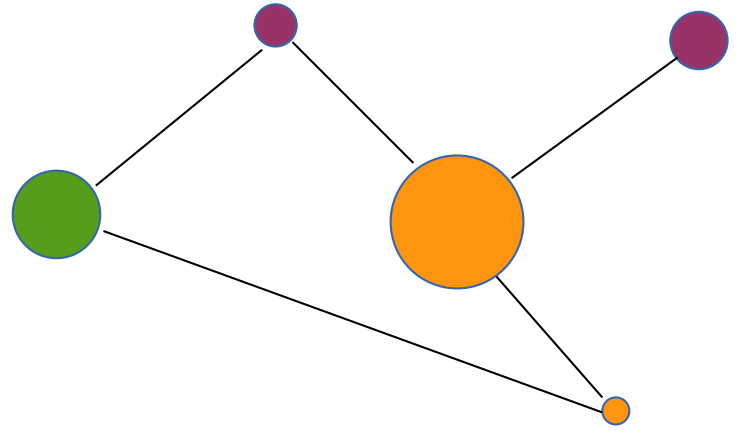
[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

 transparency

[Centrálny metainformačný systém verejnej správy](#)
[Elektronické služby](#)

Public Service – example (graph view)





**Thank you for
your attention**