

Slovenian open science infrastructure

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Open science

Michel Nielsen said „**Open Science is the idea that scientific knowledge of all kinds should be openly shared as early as is practical in the Discovery process**”. **Scientific Knowledge of all kinds: journal articles, data, code, online software tools, questions, ideas, speculations, failures, ...and anything which can be considered knowledge.** ”

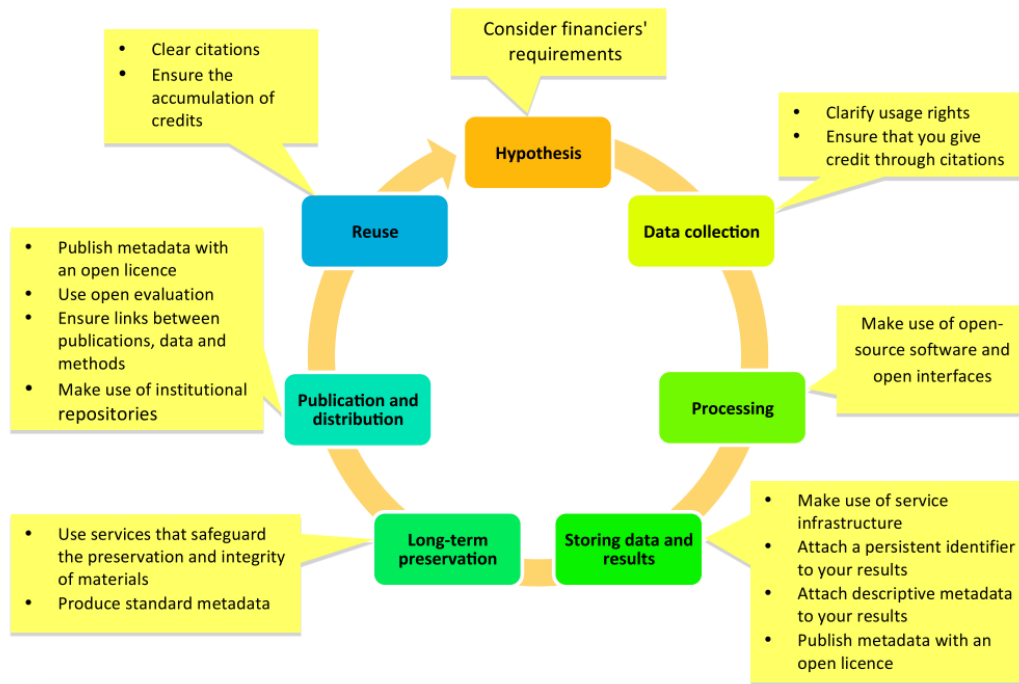
Open access to scientific publications
Open Data
Open Software
Open services and workflows
Open Research Infrastructure
Open peer review
Open Learning Materials
Open Research Methods
Open Lab Notes
Citizen Science



Reproducibility
of research

Foster: What is Open Science? Introduction. Available at
<https://www.fosteropenscience.eu/content/what-open-science-introduction>

Promoting openness at different stages of the research process



Foster: Open Science and Research Initiative (2014). *Open Science and Research Handbook*. [English version]. Available at <https://www.fosteropenscience.eu/sites/default/files/pdf/3986.pdf>

Open Reproducible Research

Open Reproducible Research is based on:

- **Irreproducibility Studies:** The act during which the results of a study or an experiment can be replicated and reproduced.
- **Open Lab/Notebooks:** Laboratory research records, diaries, journals, workbooks etc. offered online free of cost with terms that allow reuse and redistribution of the recorded material.
- **Open Science Workflows:** A sequence of processes scientists make to administer and disseminate convoluted scientific examinations offered online and free of cost allowing the reuse of the material.
- **Open Source in Open Science:** Software where the source code is available free of cost with terms that allow dissemination and adaptation.
- **Reproducibility Guidelines:** Ground rules to assist with the recreation of research experiments and studies.
- **Reproducibility Testing** refers to the process of validating that the reported research results can be obtained in an independent experiment

Open Science Tools

Refers to the tools that can assist in the process of delivering and building on Open Science.

Tools are:

- **Open archives** that host scientific literature, data, software and other research objects and make their content freely accessible to everyone in the world.
- **Open services** offered by organisations and institutions which is possible to use free of cost.
- **Open Workflow Tools** (apparatuses and services) that promote open scientific projects.

Open Data

*A piece of data or content is open if **anyone** is **free to use, reuse, and redistribute** it — subject only, at most, to the requirement to attribute and/or share-alike” -- opendefinition.org*

This means, according to the Open Knowledge Foundation:

- **Availability and Access:** the data must be available as a whole and at no more than a reasonable reproduction cost, preferably by downloading over the internet. The data must also be available in a convenient and modifiable form.
- **Reuse and Redistribution:** the data must be provided under terms that permit reuse and redistribution including the intermixing with other datasets.
- **Universal Participation:** everyone must be able to use, reuse and redistribute - there should be no discrimination against fields of endeavour or against persons or groups. For example, ‘non-commercial’ restrictions that would prevent ‘commercial’ use, or restrictions of use for certain purposes (e.g. only in education), are not allowed

Open knowledge foundation: What is open? <https://okfn.org/en/library/what-is-open/>

FAIR (Findable, Accessible, Interoperable, Reusable)

What is FAIR DATA?



Data and supplementary materials have sufficiently rich metadata and a unique and persistent identifier.

FINDABLE



Metadata and data are understandable to humans and machines. Data is deposited in a trusted repository.

ACCESSIBLE



Metadata use a formal, accessible, shared, and broadly applicable language for knowledge representation.

INTEROPERABLE



Data and collections have a clear usage licenses and provide accurate information on provenance.

REUSABLE

Source:

<https://libereurope.eu/blog/2018/07/13/fairdataconsultation/liber-fair-data-2/>

TO BE FINDABLE:

F1. (meta)data are assigned a globally unique and eternally persistent identifier.

F2. data are described with rich metadata.

F3. (meta)data are registered or indexed in a searchable resource.

F4. metadata specify the data identifier.

TO BE ACCESSIBLE:

A1 (meta)data are retrievable by their identifier using a standardized communications protocol.

A1.1 the protocol is open, free, and universally implementable.

A1.2 the protocol allows for an authentication and authorization procedure, where necessary.

A2 metadata are accessible, even when the data are no longer available.

TO BE INTEROPERABLE:

I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.

I2. (meta)data use vocabularies that follow FAIR principles.

I3. (meta)data include qualified references to other (meta)data.

TO BE RE-USABLE:

R1. meta(data) have a plurality of accurate and relevant attributes.

R1.1. (meta)data are released with a clear and accessible data usage license.

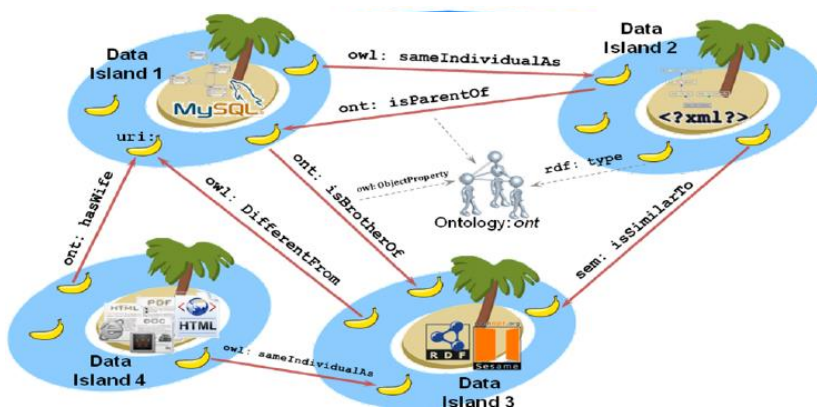
R1.2. (meta)data are associated with their provenance.

R1.3. (meta)data meet domain-relevant community standards.

Source:

<https://www.force11.org/group/fairgroup/fairprinciples>

How to achieve interoperability between data islands?



(Meta)data Interoperability principles:

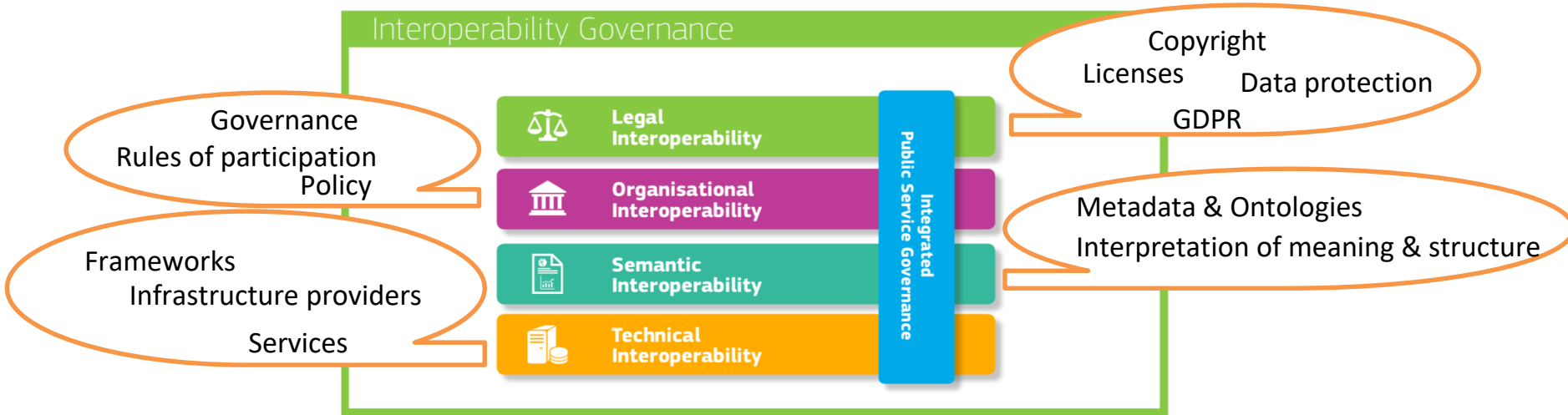
- (Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
- (Meta)data use vocabularies that follow FAIR principles.
- (Meta)data include qualified references to other (meta)data.

Source: Wilkinson, M. D. et al. The FAIR Guiding Principles for scientific data management and stewardship. Sci. Data 3:160018 doi:10.1038/sdata.2016.18 (2016)

Source: https://commons.wikimedia.org/wiki/File:Islands_Of_Data.svg

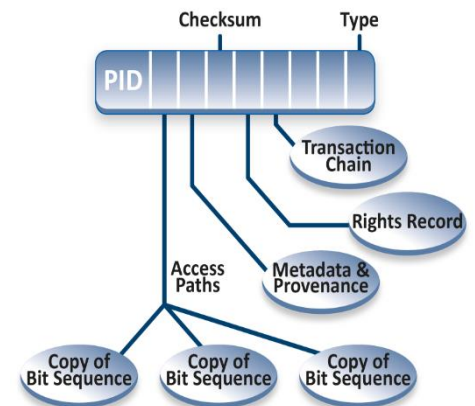
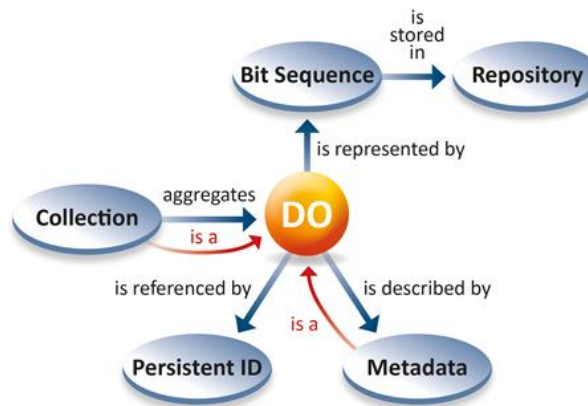
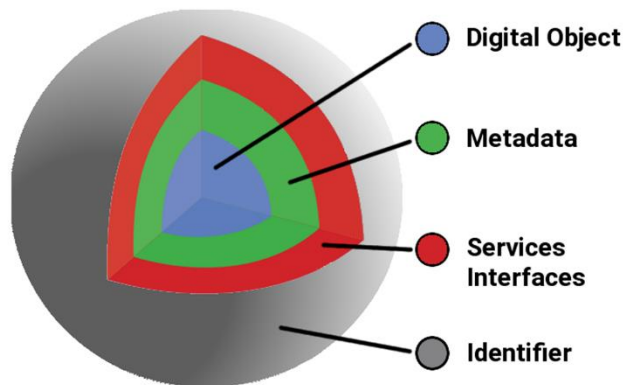
Source: https://www.researchgate.net/publication/267692879_Towards_Executable_Reality_Business_Intelligence_on_Top_of_Linked_Data/figures?lo=1

Layers of interoperability



Source: [*The European Interoperability Framework four levels of interoperability*](#)

FAIR digital object

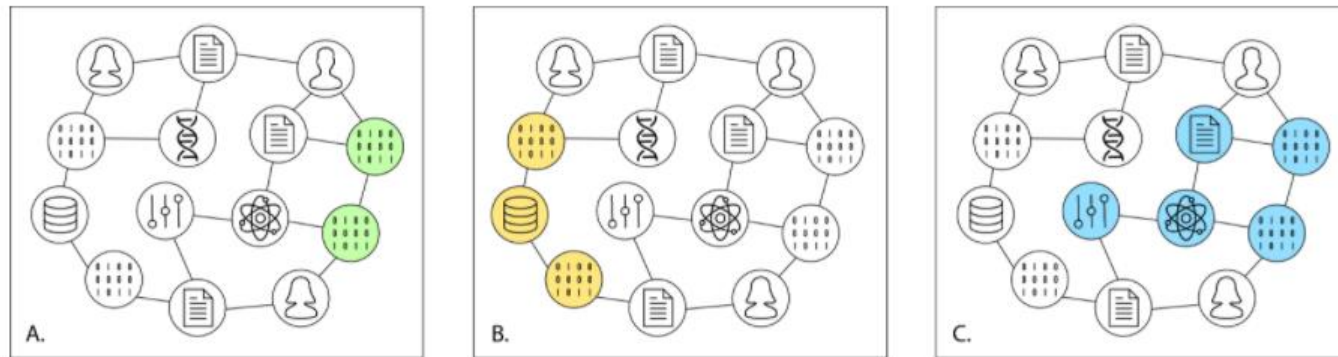


Digital Object Interface Protocol

Source: RDA's Data Foundation & Terminology Group (DFT) 2014:
Core Model

Source: Schwardmann, U., 2020. Digital Objects – FAIR Digital Objects: Which Services Are Required?. *Data Science Journal*, 19(1), p.15. DOI: <http://doi.org/10.5334/dsj-2020-015>

PID graph



A – linkage of different version of software

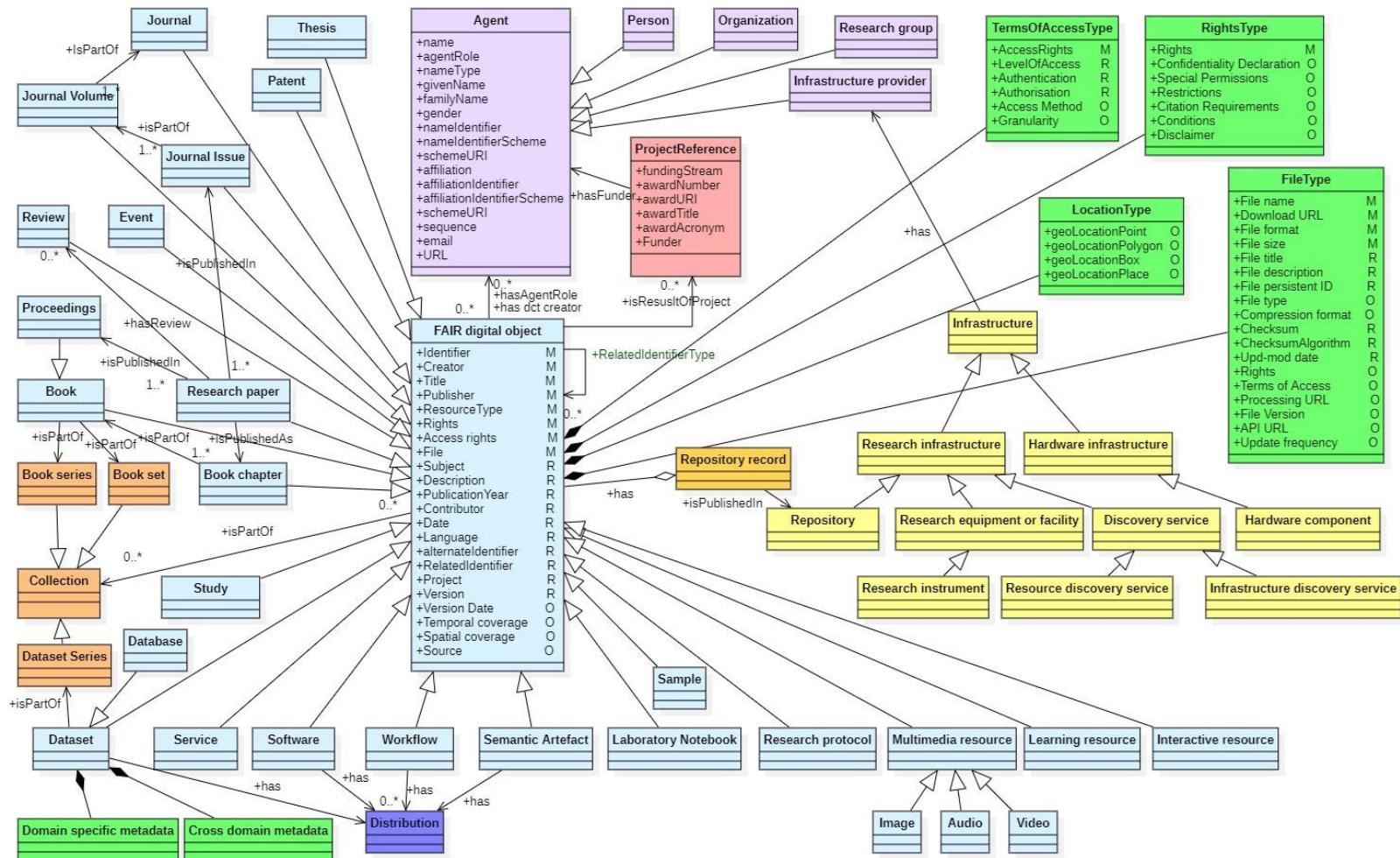
B – datasets stored in the repository

C – linkage of different digital objects of the research project

Manghi, P., et al.: Openaire research graph dump (2019). <https://doi.org/10.5281/zenodo.3516918> and <https://graph.openaire.eu/>

Source: Martin Fenner and Amir Aryani. Introducing the PID Graph, Datacite blog - <https://doi.org/10.5438/jwvf-8a66>

metadata interoperability



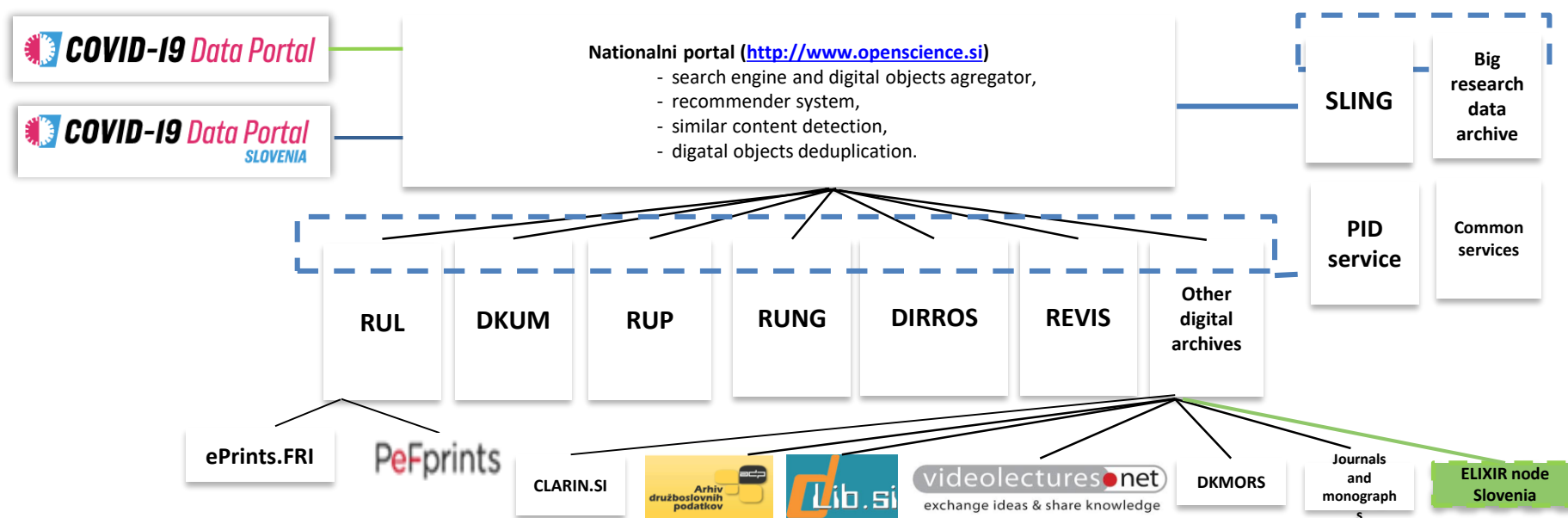
Important documents for openscience in Slovenia

- [Resolution on the Slovenian Scientific Research and Innovation Strategy 2030](#) (ReZrIS30)
- Decree of the implementation of scientific research work in accordance with the principles of open science ([official version in Slovene](#), [translated version in English](#))
- [Action plan for Open Science](#) – implementation of objective from ReZrIS30 : Open Science to improve the research quality, efficiency, and responsiveness.

Open Science to improve research quality, efficiency, and responsiveness

- Effectively manage and finance the development of the national Open Science ecosystem and ensure its coherence with international standards, develop national structures and infrastructures related to Open Science, and foster their integration into international networks and infrastructures.
- Introduce modern approaches to the evaluation of scientific research in accordance with Open Science principles (e.g. DORA -San Francisco Declaration on Research Assessment, Leiden Manifesto for research metrics, (European Research Area and Innovation Committee Guidelines) to increase the quality and impact of research.
- Ensure that the results of scientific research are consistent with the FAIR (Findable, Accessible, Interoperable, and Reusable) principles, and that full and immediate Open Access is provided (subject to justified exceptions).
- Establish a national Open Science community to implement and monitor Open Science in Slovenia, as well as its integration into ERA and beyond.
- Promote the development of citizen science and public involvement in scientific research.
- Promote the development of national scientific publishing that will operate according to the principles of Open Science.

Structure diagram of Slovenian open access infrastructure



Slovenian COVID 19 national portal is available on <http://covid19dataportal.si/>

Achievements

- A national approach to building of open science infrastructure and FAIR digital objects.
- National PID service.
- National big data archive.
- Templates for amendments to the policies about a mandatory copy of research publications, research data, final theses and other research results (software, workflows, lab notebooks, online courses...) is developed for all partner institutions.
- Development of adapted processes for filling publications, research data sets and other research results from students and employments on all partner institutions.
- Open Aire compatibility is established to facilitate in registration, discovery, access and re-use of research publications and research data, in particular in the context of funded projects across European countries.
- Integration with COBISS, SICRIS, higher education information system, university information systems and university authentication systems.
- Plagiarism detection software is developed and included into processes for filling publications from students and employments.
- Recommendation system of similar works within repositories and between repositories and other is implemented.

National openscience portal

Open Science Slovenia

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SLOVENSKO | **ENGLISH** | A+ | A-

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Everyone talks everything with ChatGPT

Gregor Petrič

ORIGINAL SCIENTIFIC ARTICLE

Subjects: Umetna inteligenca;

Research suggests that ChatGPT offers numerous affordances for students, who use it for various purposes, yet the field lacks quantitative studies that offer insight into a variety of students' actual uses of ChatGPT and their impact on academic performance. The main aims of this paper were (a) to i ...

Year: 2024

Source: Faculty of Social Sciences (UL FDV)

ChatGPT as a tool for honing teachers' Socratic dialogue skills

Bor Gregorčič, Giulia Polverini, Andreja Šarlah

ORIGINAL SCIENTIFIC ARTICLE

Subjects: poučevanje fizike; ChatGPT; sokratski dialog;

In this proof-of-concept paper, we propose a specific kind of pedagogical use of ChatGPT—to help teachers practice their Socratic dialogue skills.

Reset

Keywords:

- ☐ ChatGPT (30)
- ☐ Univerzitetna in visokošolska dela (17)
- ☐ artificial intelligence (16)
- ☐ Računalništvo (8)
- ☐ umetna inteligenca (8)
- ☐ diploma (7)
- ☐ Umetna inteligenca (7)

Issue Year:

- ☐ 2024 (43)
- ☐ 2023 (25)

Authors:

- ☐ Robnik Šikonja Marko (5)
- ☐ Arslanagić Kalidžić Maša

Advanced search

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EOSC interoperability framework

Oscar Corcho, Magnus Eriksson, Krzysztof Kurowski, Milan Ojsteršek, Christine Choirat, Mark Van de Sanden, Frederik Coppens

TREATISE, PRELIMINARY STUDY, STUDY

Subjects: metapodatki; analiza podatkov;

This document has been developed by the Interoperability Task Force of the EOSC Executive Board FAIR Working Group, with participation from the Architecture WG. Achieving interoperability within EOSC is essential in order for the federation of services that will compose EOSC to provide added value f ...

Year: 2021

Source: Faculty of Electrical Engineering and Computer Science (UM FER)

EOSC interoperability framework reference architecture

Issue Year:

☐ 2021 (2)

Authors:

- ☐ Choirat Christine (2)
- ☐ Coppens Frederik (2)
- ☐ Corcho Oscar (2)
- ☐ Eriksson Magnus (2)
- ☐ Kurowski Krzysztof (2)
- ☐ Ojsteršek Milan (2)
- ☐ Van de Sanden Mark (2)

Recommendation system

Title: **Analiza povezav med arterijsko togostjo, ekspresijskim profilom mikroRNK iz periferne krvi in stopnjo aterosklerotične prizadetosti koronarnih arterij pri bolnikih z normalnim ali zmanjšanim ledvičnim delovanjem**

Authors: [Piko, Nejc](#) (Author)
[Ekart, Robert](#) (Mentor) [More about this mentor...](#)
[Naji, Husam Franjo](#) (Co-mentor)

Files: [DOK_Piko_Nejc_2023.pdf](#) (3,48 MB)
MD5: B73C4FBD3AFA03B05BEEC0E32139C6A3

Language: Slovenian

Work type: Doctoral dissertation

Typology: 2.08 - Doctoral Dissertation

Organization: MF - Faculty of Medicine

Abstract: Ateroskleroza je kronična vnetna bolezen arterij, ki vodi v zoženje svetline žil ter v ishemično okvaro tkiv in organov v povirju prizadetih arterij. Med srčnožilne bolezni uvrščamo ishemično bolezen srca, periferno arterijsko bolezen, bolezni možganskih žil ter anevrizme prsne in trebušne aorte. Predstavljajo enega izmed najpogostejših vzrokov umrljivosti v razvitem svetu in so neposredna posledica napredovale ateroskleroze. Kronična ledvična bolezen je pomemben dejavnik tveganja za srčnožilne bolezni. Arterijska togost označuje zmanjšano podajnost arterij in je povezana s strukturnimi in funkcionalnimi spremembami v žilni steni in pretoku krvi. MikroRNK so ključni epigenetski regulatorji številnih procesov v telesu in imajo velik potencial pri prepoznavanju in zdravljenju srčnožilnih bolezni.

V naši študiji smo analizirali povezave med koronarno arterijsko boleznijo, periferno arterijsko boleznijo in arterijsko togostjo pri bolnikih z in brez kronične ledvične bolezni. Prav tako smo analizirali ekspresijski profil mikroRNK molekul pri bolnikih z najvišjimi in najnižjimi vrednostmi hitrosti karotidno-femoralnega pulznega vala.

Rezultati naše študije dokazujejo, da imajo bolniki s kronično ledvično boleznijo višjo arterijsko togost ter nižji gleženjski indeks. Pri bolnikih s kronično ledvično boleznijo je bilo nekoliko več trožilne koronarne arterijske bolezni, vendar razlika v primerjavi z bolniki brez kronične ledvične bolezni ni bila statistično pomembna.

V ekspresiji mikroRNK razlik ni bilo.

Keywords: [ateroskleroza](#), [arterijska togost](#), [kronična ledvična bolezen](#), [srčnožilna bolezen](#), [mikro RNK](#)

Place of publishing: Maribor

Year of publishing: 2022

PID: [20.500.12556/DKUM-82314](#)

COBISS.SI-ID: [141963779](#)

Publication date in DKUM: 16.02.2023

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Downloads: 34

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User interface of Slovenian text similarity detection system

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Preizkušnja podobnosti je pojava, ki se kaže v podobnosti vsebin. V poglavju, ki vsebuje opredelitve pojmov MSOV, je zaslediti naslednjo definicijo tržne vrednosti: Tržna vrednost - ocenjeni znesek, za katerega naj bi voljan kupec in voljan prodajalec zamenjala sredstvo ali obveznost na datum ocenjevanja vrednosti v poslu med nepovezanima in neodvisnima strankama po ustreznem trženju in pri čemer sta stranki delovali seznanjeno, preudarno in brez prisile. Naslednjem poglavju, ki določa t.i.m. okvir MSOV (le-ta vključuje splošno sprejete zasnove, načela in opredelitve pojmov ocenjevanja vrednosti na katerih temeljijo mednarodni standardi ocenjevanja vrednosti), se definicija v točki 30 ponovi, v točki 31 pa so izrazi iz osnovne definicije odrobneje obrazloženi. ako se izraz »ocenjeni znesek« nanaša na ceno, izraženo v denarju plačljivo za sredstvo v poslu med nepovezanima in neodvisnima strankama. Tržna vrednost je najverjetnejša cena, ki jo lahko razumno dosežemo na trgu na datum ocenjevanja vrednosti v skladu z opredelitvijo pojma tržna vrednost. o je najboljša cena, ki jo prodajalec lahko razumno doseže, in najugodnejša cena, ki jo kupec lahko razumno doseže. Ta ocena izrecne izključuje cenjeno ceno, ki je povišana ali znižana zaradi posebnih pogojev ali okoliščin, kot so neobičajno financiranje, dogovori o prodaji in povratnem menjavi, posebne obravnave ali ugodnosti, ki jih podeli nekdo, ki je povezan s prodajo, ali katere koli prvina posebne vrednosti. zraz »zamenjala sredstvo« se nanaša na dejstvo, da je vrednost sredstva ocenjeni znesek in ne vnaprej določeni znesek ali dejanska prodajna cena. o je cena v poslu, ki izpolnjuje vse sestavine opredelitve pojma tržna vrednost na datum ocenjevanja vrednosti. asovna opredelitev. kina datum ocenjevanja vrednosti« zahteva, da je vrednost časovno vezana na določen dan. Ker se trgi in tržne razmere lahko premikajo, je ocenjena vrednost ob drugem času lahko napadna ali neprimerna. Znesek vrednosti bo izražal dejansko stanje na trgu in okoliščine na oločen datum ocenjevanja vrednosti, ne pa na neki pretekli ali prihodnji dan. Opredelitev tudi predvideva hkratno zamenjavo in izpolnitev prodajne pogodbe brez vsake spremembe cene, do katere bi sicer utegnilo priti. Voljan kupec« se nanaša na tistega, ki je motiviran. Vendar ni prisiljen k nakupu. Ta kupec ni niti pretirano navdušen niti odločen, da kupi po katerikoli ceni. Kupuje v skladu s stvarnostjo sedanjega trga in s pričakovani sedanjega trga, ne pa namišljenega ali hipotetičnega trga, ki ga ne oremo prikazati ali pričakovati, da obstaja. Domnevni kupec ne bi plačal višje cene, kot jo zahteva trg. Voljan prodajalec« ni niti pretirano navdušen niti prisiljen prodajalec, pripravljen prodati po kateri koli ceni, niti ni pripravljen ponujati po eni, ki na trenutnem trgu ne velja za primerno. Voljan prodajalec je motiviran, da proda sredstvo po tržnih pogojih za najvišjo ceno, ki jo lahko osebe na prostem trgu po ustreznem glede na višino te cene. Dejanske okoliščine sedanjega lastnika niso del te ocenitve, ker je voljan prodajalec ipotetični lastnik. Posel med nepovezanima in neodvisnima strankama« je posel med strankama, ki nista v določenem ali posebnem razmerju, kot je npr. med obvladujočim podjetjem in odvisno družbo ali najemodajalcem in najemnikom, zaradi katerega cena ne bi bila taka, kot je značilna za trg, ali bi bila zvišana zaradi sestavine posebne vrednosti. Domneva se, da se posel po tržni vrednosti opravi med nepovezanima strankama, ki delujeta neodvisno. Po ustreznem trženju« pomeni, da bi bilo sredstvo izpostavljeno trgu na najprimernejši način, ki vpliva na njegovo odprodajo po najboljši ceni, ki o je razumno mogoče doseči v skladu z opredelitvijo pojma tržna vrednost. Šteje se, da je način prodaje najprimernejši, da prodajalec lahko doseže najboljšo ceno na trgu, do katerega ima dostop. Čas izpostavljenosti ni nujno določeno obdobje in se lahko spreminja v skladu z vrsto sredstva in tržni razmerami. Edino sodilo je, da mora trajati dovolj dolgo, da sredstvo lahko spozna prime-p številu tržnih udeležencev obdobje izpostavljenosti se začne pred datumom ocenjevanja vrednosti. Pri katerem sta stranki delovali seznanjeno, preudarno« predpostavlja, da sta voljni kupec in voljni prodajalec primerno seznanjena z naravo in naličnostmi sredstva, z njegovo dejansko in morebitno uporabo in z razmerami na trgu na datum ocenjevanja vrednosti. Potem domnevno vsaka od strank reudarno uporabi svoje vedenje, da najde ceno, ki je najugodnejša za njen položaj v poslu. Preudarnost se ocenjuje s sklicevanjem na stanje trga a datum ocenjevanja vrednosti, brez upoštevanja koristi kasnejših spoznanj. Za prodajalca na primer ni nujno nepreudarno, če na trgu s padajočimi enami proda sredstva po ceni, ki je nižja od predhodnih tržnih ravni. V takih primerih, kakor velja tudi za druge situacije nakupov in prodaj na rgnih spreminjajočini se cenam, bo preudarni kupec ali prodajalec ravnal v skladu z najboljšimi informacijami o trgu, ki so takrat na voljo. zraz »brez prisile« določa, da je vsaka izmed strank motivirana, da opravi posel, ni pa niti prisiljena niti neprimerno siljena v to, da ga zvede.

LITERATURA IN VIRI

Adam, F., Makarovič, M., Končević, B., Tomšič, M. 2001. Socio-kulturni dejavniki

Podobni dokumenti Podobni nizi Izseki PDF poročilo Prenos Pomoč

Podobni dokumenti

dokumenta:

Testni dokument.doc

Predstavitve UPR 11.11.2016 (vir)

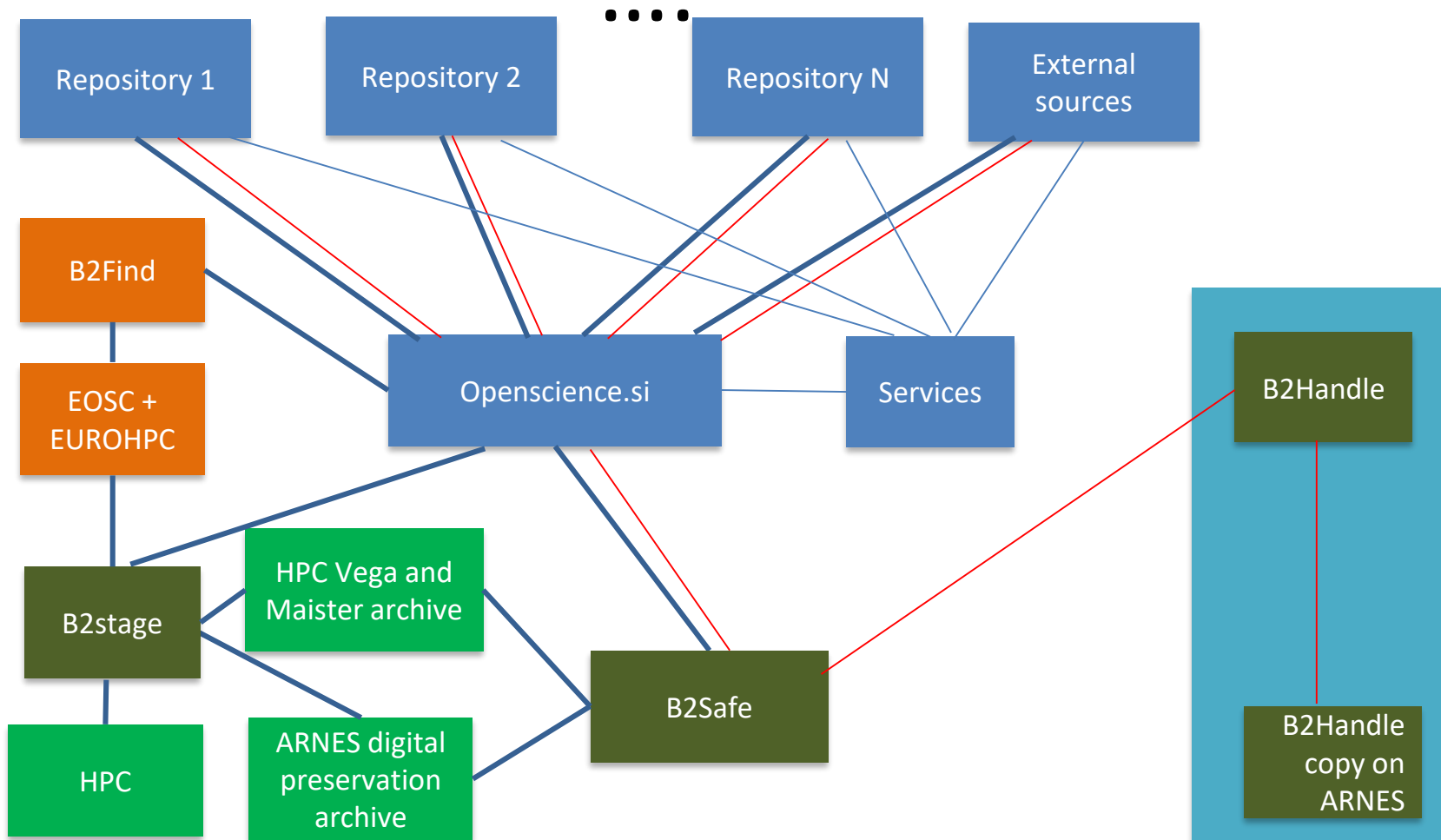
Pokritost dokumenta: 54,38 %

Najdeno v 60 dokumentih.

☐ Izberi vse

1. UPRAVLJANJE DAVKA NA NEPREMIČNINE S POUČENJEM NA VREDNOTENJU NEPREMIČNIN	15,78 %
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[Primerjava povedi] [Znakovna primerjava] Bojan Praznik, Jože Glogovšek (mentor), 2006, Ekonomsko-poslovna fakulteta	
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[Primerjava povedi] [Znakovna primerjava] Andreja Črnič, Hajdeja Iglič (mentor), 2007, Fakulteta za družbene vede	
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[Primerjava povedi] [Znakovna primerjava] Milena Mikola, Franc Koletnik (mentor), 2013, Ekonomsko-poslovna fakulteta	
7. Socialni kapital v slovenskih organizacijah	6,21 %
[Primerjava povedi] [Znakovna primerjava] Anja Šega, Hajdeja Iglič (mentor), 2006, Fakulteta za družbene vede	

Structure diagram of research big data archive and PID service infrastructure



Open metadata

JAN BEZGET
MLADEN BOROVIČ
MILAN OJSTERŠEK, PhD.

Thursday, 13:00-15:00

F-209

220-7451

milan.ojstersek@um.si

<http://www.r-it.uni-mb.si/podrocje.aspx?id=179>

SICRIS (research activities)

COBISS (bibliography)

E-publications:



M.Sc. thesis:

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Mladen Borovič, Milan Ojsteršek: SISTEM PRIPOROČANJA DOKUMENTOV IN ANALIZA KVALITETE VSEBINSKEGA PRIPOROČANJA PRI RAZLIČNIH OBDELAVAH VHODNEGA BESEDILA

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Janez Brezovnik, Milan Ojsteršek: PROGRAMSKO ORODJE ZA PROCESIRANJE BESEDIL V NARAVNEM JEZIKU

Bachelor thesis:

Alen Merc, Milan Ojsteršek: STATISTIČNA OBDELAVA PODATKOV O PODOBNIH DELIH NA INTERNETU

Marko Dežan, Milan Ojsteršek: Razvoj programske rešitve za optimizacijo polnjenja zalog na samopostrežnih avtomatih

Andrej Žiš, Milan Ojsteršek: IZGRADNJA SISTEMA MOBILNIH STORITEV SMS CITY

Rok Meznarič, Milan Ojsteršek: ZASNOVA, RAZVOJ IN INTEGRACIJA SPLETNE LEKARNE Z IS RECIPJE

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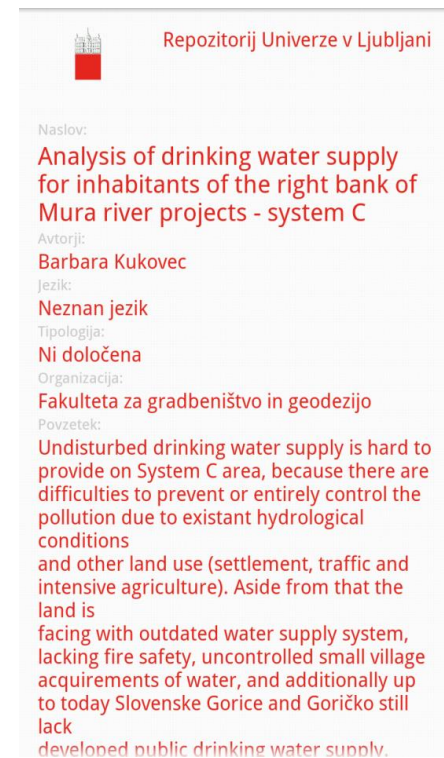
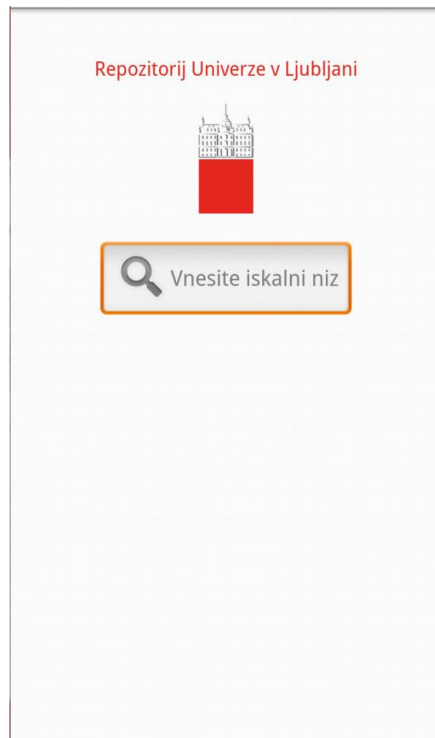
Uroš Krajger, Milan Ojsteršek, Marko Ferme: IZDELAVA SPLETNE STATISTIKE Z NAPREDNIM SLEDENJEM UPORABNIKOV S POMOČJO ODPRTOKODNEGA ORODJA PIWIK

```
{
  "Metadata": {
    "RecordID_IR": "1437683",
    "RecordID_IR": "26480",
    "UDC": "004.5",
    "URN": "URN:SI:UM:",
    "URL": "http://www.wseas.us/e-library/transactions/information/2009/29-627.pdf",
    "Typology": "1.01",
    "OrganizationID_eVS": "0000000",
    "Title": "Developing a question answering system for the slovene language",
    "Abstract": "In today's world the majority of information is sought after on the internet. A common method is the use of search engines. However since the result of a query to the search engine is a ranked list of results, this is not the final step. It is up to the user to review the results and determine which of the results provides the information needed. Often this process is time consuming and does not provide the sought after information. Besides the number of returned results the limiting factor is often the lack of ability of the usersto form the correct query. The solution for this can be found in the formof question answering systems, where the user proposes a question in the natural language, similarly as talking to another person. The answer is the exact answer instead of a list of possible results. This paper presents the design of a question answering system in natural slovene language. The system searches for the answers for our target domain (Faculty of Electrical Engineering and Computer Science) with the use of a local database, databases of the faculty's information system, MS Excel files and through web service calls. We have developed two separate applications: one for users and the other for the administrators of the system. With the help of the latter application the administrators supervise the functioning and use of entire system. The former application is actually the system that answers the questions.",
    "Keywords": "odgovori na vprašanje;Slovenski jezik;klasifikacija vprašanj;strojno učenje;personalizacija;question answering;Slovenian language;question classification;machine learning;question templates;personalization;",
    "Language": "eng",
    "AlternativeKeywords": "odgovori na vprašanja;Slovenski jezik;klasifikacija vprašanj;strojno učenje;personalizacija;",
    "AlternativeLanguage": "eng",
    "ViewCount": "1656",
    "DownloadCount": "31",
    "FeedbackCount": "0",
    "FeedbackWeight": "0",
    "IssueYear": "2009",
    "IssueYearInt": "2009",
    "ISSN": "1790-0832",
    "Pages": "str. 1539-1543",
    "Volume": "{Vol. 16",
    "Issue": "{Iss. 19",
    "Chronology": "Sep. 2009",
    "ParentPublicationID": "18587175",
    "UDCTag": "science and knowledge;organization;computer science;information;documentation;librarianship;institutions;publications;znanost in znanje;organizacije;informacije;dokumentacija;bibliotekarstvo;institucije;publikacije;prolegomena;fundamentals of knowledge and culture;propaedeutics;prolegomena;splošne osnove znanosti in kulture;computer science and technology;computing;data processing;računalniška znanost in tehnologija;računalništvo;obdelava podatkov;human-computer interaction;man-machine interface;user interface;user environment;interakcija med človekom in računalnikom;vmesnik človek-stroj;uporabniški vmesnik;uporabniško okolje;",
    "hasFullText": "1",
    "lastModified": "2022-04-16T01:54:13.363"
  },
  "Authors": [
    {
      "Name": "Ines",
      "Surname": "Ček",
      "Role": "Author"
    },
    {
      "Name": "Milan",
      "Surname": "Ojsteršek",
      "Role": "Author"
    }
  ]
}
```





Mobile application - Android



Application programming interface



Vključitev DKUM v druge spletne strani

Nekatere funkcionalnosti DKUM so dosegljive preko programskega vmesnika (API-ja), ki omogoča integracijo teh funkcionalnosti v druge spletne strani, mobilne in druge aplikacije. Trenutno so preko programskega vmesnika dosegljive naslednje funkcionalnosti:

- osnovno iskanje,
- napredno iskanje,
- brskanje po kategorijah,
- osnovni izpis podatkov gradiva.

Na podlagi tega API-ja je bila izdelana JavaScript aplikacija, ki omogoča enostavno vključitev funkcionalnosti DKUM na poljubno spletno stran.

Namestitve

Namestitve JavaScript aplikacije DKUM (v nadaljevanju "aplikacije") zajema naslednje korake:

1. Prenešemo namestitveni paket [dkWebApp_240506.zip](#), ki zajema naslednje datoteke:

- **dk_webApp.js** - jedro aplikacije. Datoteko namestimo na želeno lokacijo na strežniku lastne spletne strani in vključimo v spletno stran. Vsebine ne spreminjati!
- **jquery.min.js** - knjižnica jQuery 1.9.1 ali novejša. Datoteko namestimo na lokacijo poleg prejšnje datoteke, razen če je knjižnica že v uporabi. Datoteko vključimo v spletno stran.
- **dk_style.css** - določa obliko aplikacije. Datoteko namestimo na želeno lokacijo na strežniku in vključimo v spletno stran. Obliko poljubno prilagodimo lastni spletni strani.
- **index.html** - primer uporabe JS aplikacije, na strežnik je ni potrebno nameščati.

2. Prve tri datoteke vključimo v lastno spletno stran. Zadostuje, da so datoteke vključene samo na podstran, na kateri bo aplikacija dosegljiva.

3. Na poljubno lokacijo v vsebini spletne strani dodamo element, v katerem želimo izpis aplikacije. Npr.:

```
<div id="dkWebApp"></div>
```

4. V spletno stran prilepimo naslednjo JavaScript kodo, ki sproži delovanje aplikacije:

```
<script type="text/javascript">
$(document).ready(function() {
  var dk = new dkWebApp({
    cmd      : 'iskanje',
    baseUrl  : '',
    dkURL    : 'http://dkum.uni-mb.si/',
    element  : '#dkWebApp',
    langID   : 'slv',
    workType : '',
    defOrgID : ''
  });
});
</script>
```

Domov

Iskanje

Iskalni niz: štebe janez

Išči po: FDV - Fakulteta za družbene vede

Opcije: ☐ Prikaži samo zadetke s polnim besedilom

Isči

Napredno iskanje

Gradiva

1. Navodila za ravnanje z raziskovalnimi podatki na Fakulteti za družbene vede »

2021

Ključne besede: navodila, načrt ravnanja z raziskovalnimi podatki, družbene vede

Objavljeno: 2024-05-22 16:00:47; **Ogledov:** 340; **Prenosov:** 47

Celotno besedilo: Navodila_z_ravnanje_z_raziskovalnimi_podatki_FDV.pdf
(307,92 KB)

2. Interdisciplinarne tematske zbirke podatkov kot platforma povezovanja raziskovalcev »

Janez Štebe, 2023

Ključne besede: podnebne spremembe, okolje, podatkovni arhivi, raziskovalni podatki, občanska znanost, družboslovni koncepti, CESSDA

Objavljeno: 2024-02-13 10:23:40; **Ogledov:** 742; **Prenosov:** 46

Celotno besedilo: RAZ_Bezjak_Sonja_2023.pdf
(1,07 MB)

3. Lažne novice in odnos do cepljenja proti COVIDU-19 »

RSS – the latest published diplomas at the faculty

```
<?xml version="1.0" encoding="UTF-8" ?>
<rss version="2.0" xmlns:atom="http://www.w3.org/2005/Atom">
<channel>
<title>DKUM - FERI (Fakulteta za elektrotehniko, računalništvo in informatiko): diplomska dela</title>
<link>https://dk.um.si/Iskanje.php?
type=napredno&viz0=&vrsta=dip&vir=3&chkFullOnly=on&lang=slv</link>
<atom:link href="https://dk.um.si/rss.php?o=3&v=dip&lang=slv" rel="self"
type="application/rss+xml" />
<description>Zadnje objavljena diplomska dela, Fakulteta za elektrotehniko, računalništvo in
informatiko</description>
<language>sl</language>
<lastBuildDate>Sun, 13 Oct 2024 03:06:20 +0200</lastBuildDate>
<item>
<title>Napovedovanje športnih rezultatov v nogometu s pomočjo strojnega učenja</title>
<link>https://dk.um.si/IzpisGradiva.php?id=90161&lang=slv</link>
<guid>https://dk.um.si/IzpisGradiva.php?id=90161&lang=slv</guid>
<description><![CDATA[Simi Jakob: <br />NAPOVEDOVANJE ŠPORTNIH REZULTATOV V NOGOMETU S POMOČJO
STROJNEGA UČENJA<br />Fakulteta za elektrotehniko, računalništvo in informatiko<br /><br />V
zaključnem delu smo se osredotočili na statistiko prišakovanih zadetkov v nogometu. S programom Figma
smo ustvarili izgled programa, ki smo ga poimenovali Footstat. Program Footstat uporablja podatke
podjetja Statsbomb, ki je med vodilnimi podjetji v zbiranju in obdelovanju nogometnih podatkov. Z
uporabo njihovega API-ja smo lahko dostopali do podatkov preko Python knjižnice. Omejili smo se na
brezplačne podatke, ki jih je podjetje namenilo za raziskovalne in študijske namene. Nato smo
ustvarili metriko s pomočjo logistične regresije, ki smo jo implementirali s pomočjo knjižnice za
obdelavo podatkov v Pythonu Scikit-learn. Končni rezultat je postal program Footstat, ki je s pomočjo
metrike izračunal prišakovane zadetke za izbrane tekme glede na omejene podatke podjetja Statsbomb.
Izračunane prišakovane zadetke smo na koncu primerjali z dejanskimi zadetki na tekmah in analizirali
morebitna odstopanja.]]></description>
<pubDate>Tue, 08 Oct 2024 14:46:21 +0200</pubDate>
</item>
<item>
<title>Uporaba drevesnega preiskovanja Monte Carlo za inteligentno vodenje igralnih agentov v Rogue-
podobnih igrah</title>
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<description><![CDATA[Jeran Benjamin: <br />UPORABA DREVESNEGA PREISKOVANJA MONTE CARLO ZA INTELIGENTNO
VOĐENJE IGRALNIH AGENTOV V ROGUE-PODOBNIH IGRAH<br />Fakulteta za elektrotehniko, računalništvo in
informatiko<br /><br />V diplomski nalogi smo se osredotočili na implementacijo igralnega agenta za
Rogue-podobne igre. V teoretičnem delu smo najprej opisali, kaj so Rogue-podobne igre ter izpostavili
njihove glavne značilnosti. Naredili smo pregled igralnih agentov in njihovih pristopov ter se na koncu
dotaknili osnovne implementacije algoritma drevesnega preiskovanja Monte Carlo, pri katerem smo
uporabili formulo UCT za izbiranje vozil. V praktičnem delu smo s pomočjo algoritma zgradili
igralnega agenta za Rogue-podobno igro ter naredili raziskavo, kako dobro se je ta obnesel v igranju.
Raziskovali smo, kako dobro se agent na podlagi algoritma MCTS izkaže proti igranju nasprotnika, ki
izhira naključne poteze. Algoritem MCTS se je ob koncu praktičnega dela dobro izkazal za uporabo v
```



IZR. PROF. DR. SAŠO KARAKATIČ MED NAGRAJENCI NAGRADE UNIVERZE V MARIBORU ZA PEDAGOŠKO ODLIČNOST

Danes, 10. 10. 2024, je na rektoratu Univerze v Mariboru potekala prva slovesna podelitev **Nagrade UM za pedagoško odličnost**, s katero univerza prepoznava izjemne dosežke na področju poučevanja. Med prejemniki za študijsko leto 2023/24 je bil tudi izr. prof. dr. Sašo Karakatič za kar mu iskreno čestitam.

[PREBERI VEČ](#)

PRILOŽNOST ZA RAZISKOVANJE V TUJINI: ASEF JUNIOR FELLOWSHIP – SPLETNA INFORMATIVNA URA V TOREK 15. OKTOBRA 2024

ASEF (American Slovenian Education Foundation) vabi k prijavi na program ASEF Junior Fellowship 2025 – Raziskovanje v tujini, ki slovenskim študentom omogoča 10-tedenski raziskovalni obisk na uglednih tujih univerzah pod vodstvom priznanih mentorjev. Program nudi vrhunsko podporo pri pridobivanju mednarodnih raziskovalnih izkušenj.

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- 8. 10. 2024
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- 8. 10. 2024
[Uporaba drevesnega preiskovanja Monte Carlo za inteligentno vodenje igralnih agentov v Rogue-podobnih igrah](#)
- 8. 10. 2024
[Regulacija polnilne moči električnih polnilnic v zaprtem distribucijskem omrežju](#)
- 8. 10. 2024
[Tržne strategije v digitalni dobi in analiza oglaševanja podjetja duolinga na družbenih omrežjih](#)
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- 8. 10. 2024
[Razvoj spletne aplikacije votegame za prototipno testiranje in pospeševanje oglaševanja](#)
- 8. 10. 2024
[Izbira primernega hranilnika energije za sončno elektrarno](#)
- 7. 10. 2024
[Razvoj programske rešitve za napredni prikaz in obdelavo tabelarnih podatkov](#)
- 7. 10. 2024
[Merjenje napolnjenosti dveh zaporedno vezanih Li-Ionskih baterij s pomočjo mobilnega telefona](#)
- 7. 10. 2024
[Načrtovanje in izdelava elektronskega multimetra z bluetooth povezljivostjo](#)

[VEČ ZAKLJUČNIH DEL NA DKUM](#)

OAI-PMH (DC, Datacite, OpenAire,) RDF, Highwire press, Open Graph in Shema.org metadata



ENG

Iskanje | Brskanje | Oddaja dela | Statistika

[Prva stran](#) / Izpis gradiva

Izpis gradiva

A- | A+ | Natisni

Naslov: **Kreativni pristopi socialnih pedagogov pri delu z otroki in mladostniki : diplomsko delo**

Avtorji: [Preložnik, Veronika](#) (Avtor)
[Bogdan Zupančič, Ana](#) (Mentor) [Več o mentorju...](#) [Nanut, Tina](#) (Komentor)

Datoteke: [DIP_Prelonik_Veronika_2024.pdf](#) (570,91 KB)
MD5: B4485E00C3AC86F781F9621567C1EB1C

Jezik: Slovenski jezik

Vrsta gradiva: Diplomsko delo/naloga
Tipologija: 2.11 - Diplomsko delo
Organizacija: PEF - Pedagoška fakulteta

Ključne besede: [kreativni pristopi, socialni pedagogi, otroci in mladostniki, gledališka pedagogika, cirkuška pedagogika, pomoč z umetnostjo in pravilnicami](#)

Kraj izida: Koper
Kraj izvedbe: Koper
Založnik: V. Preložnik
Leto izida: 2024
Leto izvedbe: 2024

Št. strani: 1 USB ključ
PID: [20.500.12556/RUP-20757](#) [UDK: 37.013.42\(043.2\)](#)

COBISS.SI-ID: [211395587](#)

Opomba: Sistemske zahteve: Adobe Acrobat Reader

Datum objave v RUP: 14.10.2024

Število ogledov: 32

Število prenosov: 2

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<meta name="DC.creator" content="Preložnik, Veronika">
<meta name="DC.contributor" content="Bogdan Zupančič, Ana">
<meta name="DC.contributor" content="Nanut, Tina">
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<meta name="DC.type" content="thesis">
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Highwire Press metatags

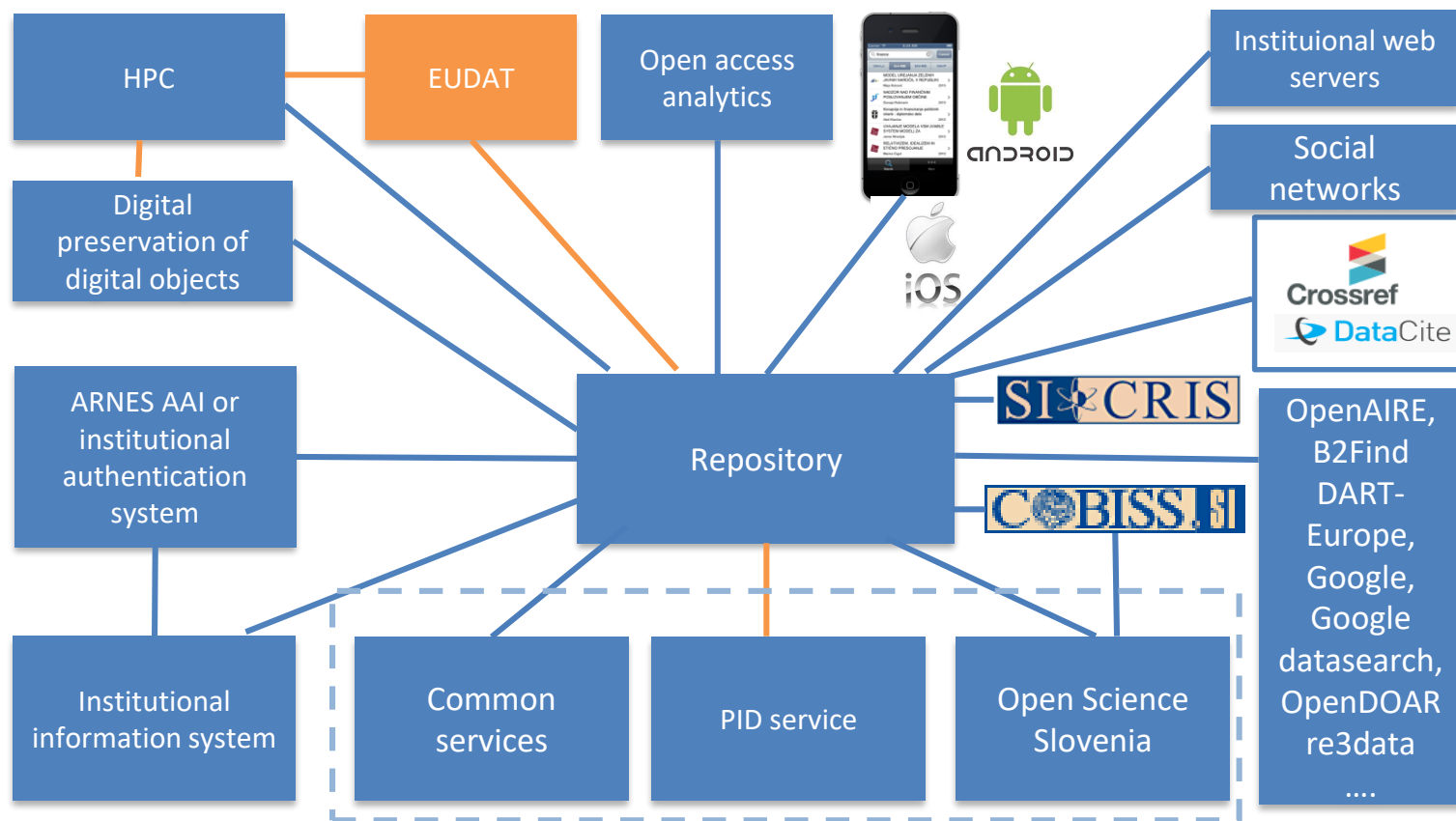
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<meta property="og:type" content="website" />
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<meta property="og:url" content="https://repozitorij.upr.si/IzpisGradiva.php?id=20757" />
<meta property="og:site" content="RUP" />
```

Open Graph metadata

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<script type="application/ld+json">
{
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  "@type": "Thesis",
  "name": "Kreativni pristopi socialnih pedagogov pri delu z otroki in mladostniki",
  "alternativeHeadline": "diplomsko delo",
  "url": "https://repozitorij.upr.si/IzpisGradiva.php?lang=slv&id=20757",
  "alternateName": "",
  "abstract": "",
  "description": "Description for this item is currently not available.",
  "keywords": "kreativni pristopi, socialni pedagogi, otroci in mladostniki, gledališka pedagogika, cirkuška pedagogika, pomoč z umetnostjo in pravilnicami",
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  "isAccessibleForFree": 1,
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    "name": "V. Preložnik"
  },
  "datePublished": "2024",
  "author": [
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      "name": "Veronika Preložnik"
    },
    {
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      "name": "Ana Bogdan Zupančič"
    },
    {
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      "name": "Tina Nanut"
    }
  ],
  "@graph": [
    {
      "license": [
        {
          "sameAs": [
            "https://plus.cobiss.net/cobiss/si/sl/bib/211395587",
            "http://hdl.handle.net/20.500.12556/RUP-20757"
          ]
        }
      ]
    }
  ]
}
```

Schema.org JSON-LD

Structure diagram of repository infrastructure



DKUM – Digital library of University of Maribor



Digital
Library of
University of
Maribor

[f](#) | [t](#) | [SLO](#) | [ENG](#) | [Cookies and privacy](#)

SEARCH THE CATALOG

DKUM

[Larger font](#) | [Smaller font](#)

INTRODUCTION

SEARCH

BROWSING

UPLOAD DOCUMENT

STATISTICS

LOGIN

PRVA STRAN

Welcome to the Digital library of University of Maribor

New documents in DKUM:

08.11.2024	FOV	misc	Climate change and agriculture management
23.10.2024	FZV	msc	Model coachinga kot podpora vodenja glavnim medicinskim sestram
23.10.2024	FZV	bsc	Uživanje drog in kakovost življenja pri mladostniku
23.10.2024	EPF	bsc	Primerjalna analiza islamskega in tradicionalnega bančništva: razlike v načelih, produktih in poslovnih modelih
23.10.2024	FZV	bsc	Zgodnji opozorilni kazalci povečanega tveganja za avtizem na preventivnih pregledih otrok
23.10.2024	FZV	bsc	Vpliv ustrahovanja med zdravstvenimi delavci na kakovost zdravstvene nege
23.10.2024	FZV	bsc	Učinkovitost intervencij za zniževanje povišane telesne temperature in preprečevanje vročinskih krčev pri otrocih
23.10.2024	FZV	bsc	Kakovost življenja žensk po vulvektomiji
23.10.2024	FZV	bsc	Vpliv ogledalne terapije na lajšanje fantomske bolečine pri pacientih po amputaciji
23.10.2024	EPF	bsc	Prepoznavanje in obvladovanje obrestnega tveganja v družinskih proračunih

The table below shows organizations of digital library of University of Maribor. Number of works includes only works with full text (with files) in all languages. New works are all works, published in last 30 days. Table cells with 🔍 start with a search, while cells with 📡 enable RSS subscription.

Organization	Diplomas		MSc theses		PhD theses		Other		All	
	All	New	All	New	All	New	All	New	All	New
EPF - Faculty of Business and Economics	8.637 🔍 📡	39	2.259 🔍 📡	12	113 🔍 📡	0	1.713 🔍 📡	2	12.722 🔍 📡	53
FE - Faculty of Energy Technology	358 🔍 📡	0	156 🔍 📡	0	5 🔍 📡	0	257 🔍 📡		776 🔍 📡	0
FERI - Faculty of Electrical Engineering and Computer Science	5.221 🔍 📡	53	1.236 🔍 📡	24	199 🔍 📡	1	1.051 🔍 📡	1	7.707 🔍 📡	79
FF - Faculty of Arts	2.288 🔍 📡	0	1.620 🔍 📡	0	105 🔍 📡	0	1.276 🔍 📡	0	5.208 🔍 📡	4

RUL – Repository of University of Ljubljana

Univerza v Ljubljani Universitas Labacensis



Repository of the University of Ljubljana

Open Science Slovenia

Open Science

DiKUL

A⁻ A⁺

slv | eng

Search

Browse

New in RUL

About RUL

In numbers

Help



Sign in


































































































































Numbers

Organisation

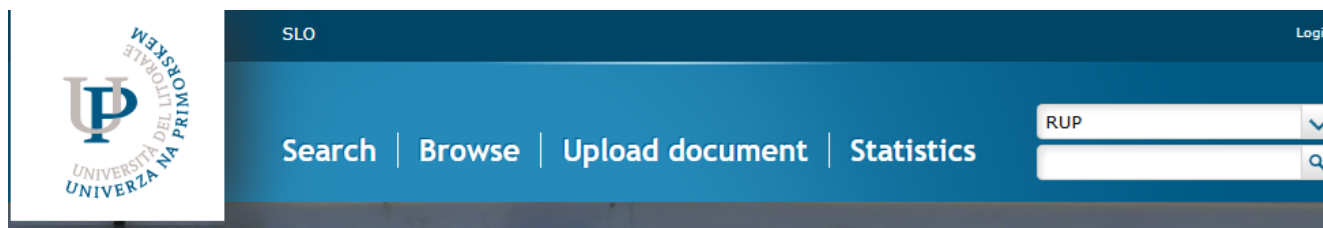
Files

Mentors

The table gives numbers of works with full text. New works are those which were published in the last 30 days. Table cells with the icon  start the search, while cells with the icon  enable RSS subscription.

Faculty or academy of UL	BSc		MSc		PhD		Other		All	
	all	new	all	new	all	new	all	new	all	new
Academy of Fine Arts and Design	508 	0 	253 	0 	2 	0 	82 		845 	0 
Academy of Music	2 	0 	469 	0 	16 	0 	2 		489 	0 
Academy of Theatre, Radio, Film and Television	1 	0 					26 		27 	0 
Biotechnical Faculty	5.683 	4 	2.678 	22 	587 	5 	5.467 	43 	14.415 	74 
Faculty of Administration	3.596 	5 	891 	3 	19 	0 	156 	1 	4.662 	9 
Faculty of Architecture	66 	4 	348 	12 	11 	0 	28 		453 	16 
Faculty of Arts	4.187 	2 	2.587 	39 	107 	0 	1.755 	60 	8.636 	101 
Faculty of Chemistry and Chemical Technology	1.241 	6 	737 	17 	82 	3 	432 	13 	2.492 	39 
Faculty of Civil and Geodetic Engineering	3.152 	2 	900 	0 	213 	1 	626 	20 	4.891 	23 
Faculty of Computer and Information Science	3.731 	3 	703 	16 	146 	2 	159 	9 	4.739 	30 
Faculty of Education	3.470 	3 	2.634 	24 	120 	0 	2.943 	12 	9.167 	39 
Faculty of Electrical Engineering	1.999 	8 	1.020 	11 	183 	1 	420 	16 	3.622 	36 
Faculty of Health Sciences	2.300 	18 	489 	3 			481 	1 	3.270 	22 
Faculty of Law	12 	0 	1.193 	15 	77 	0 	46 		1.328 	15 

RUP – Repository of University of Primorska



Prva stran

Welcome to the repository of University of Primorska!

A- | A+ | Print

New documents in RUP:

08.11.2024	FM	bsc	Komuniciranje vodij s podrejenimi v izbranem podjetju
08.11.2024	FM	bsc	Tímsko delo na daljavo med epidemijo
08.11.2024	FM	msc	Odziv izbranih slovenskih podjetnic na stres v času krize covid-19
08.11.2024	FM	bsc	Združene države Amerike v odnosu do izraelsko-palestinskega konflikta
07.11.2024	FM	bsc	Sistem presoje trajnosti in cilji ESG na primeru podjetja X
07.11.2024	FTŠ	msc	"Muzejske kavarne" na Slovenskem
		Turistica	
07.11.2024	FM	bsc	Izdelava poslovnega modela za podjetje v modni industriji
06.11.2024	FM	bsc	Socialno podjetništvo na izbranem primeru
06.11.2024	FM	bsc	Ladijski pretovor v pristanišču med leti 2012 in 2022
06.11.2024	FM	bsc	Vpliv gibanja obrestnih mer na posojila za fizične osebe

The table below shows organizations of the repository of University of Primorska. Number of works includes only works with full text (with files) in all languages. Theses of bologna study programme are also included. New works are all works, published in last 30 days. Table cells with 🔍 start with a search, while cells with 📡 enable RSS subscription.

Organization	Diplomas		MSc theses		PhD theses		Other		All	
	All	New	All	New	All	New	All	New	All	New
FAMNIT - Faculty of Mathematics, Science and Information Technologies	752 🔍📡	5	309 🔍📡	1	40 🔍📡	0	178 🔍	1	1.279 🔍📡	7
FHŠ - Faculty of Humanities	779 🔍📡	6	285 🔍📡	4	103 🔍📡	0	172 🔍		1.339 🔍📡	10
FM - Faculty of Management	2.794 🔍📡	26	964 🔍📡	3	58 🔍📡	0	700 🔍		4.516 🔍📡	29
FTŠ Turistica - Turistica – College of Tourism Portorož	1.055 🔍📡	1	73 🔍	1	8 🔍📡	0	56 🔍		1.192 🔍📡	2
FVZ - Faculty of Health Sciences	1.916 🔍📡	7	367 🔍📡	6	14 🔍📡	0	117 🔍		2.414 🔍📡	13
IAM - Andrej Marušič Institute							1.261 🔍		1.261 🔍📡	0
PEF - Faculty of Education	3.205 🔍📡	13	1.214 🔍📡	6	70 🔍📡	2	145 🔍		4.634 🔍📡	21

RUNG – Repository of University of Nova Gorica

University of Nova Gorica	University	Study	Research	Search the repository
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Repository of University of Nova Gorica

🏠	About	Search	Browse	Statistics	Login
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Welcome to the repository of University of Nova Gorica

A+ | A- | SLO | ENG

New documents in RUNG:

11.11.2024	UNG	misc	Na Japonskem je tatu tabu
11.11.2024	UNG	misc	P856
11.11.2024	UNG	misc	Postnatal dynamics of Zeb2 expression in rat brain
11.11.2024		misc	Development of thin plasma polymer films for culturing corneal endothelial cells
11.11.2024	UNG	misc	A novel dual-cytokine-antibody fusion protein for the treatment of CD38-positive malignancies
11.11.2024	UNG	misc	A roadmap of therapeutic strategies for patients with multiple myeloma
11.11.2024	UNG	misc	Ex vivo drug response heterogeneity reveals personalized therapeutic strategies for patients with multiple myeloma
11.11.2024	UNG	misc	Astrotop_X
08.11.2024	UNG	misc	Cherenkov Telescope Array potential in the search for Galactic PeVatrons
08.11.2024	UNG	misc	The gravitational wave follow-up program of the Cherenkov Telescope Array

The table below lists schools whose materials are included in the Repository of the University of Nova Gorica. The materials only comprise full-text works (with files) in all languages. New works are all works published in the last 30 days. Table cells with 🔍 start with a search, while cells with 📡 enable RSS subscription.

Organization	Diplomex		MSc theses		PhD theses		Other		All	
	All	New	All	New	All	New	All	New	All	New
AU - School of Arts	60	1	17	0					77	1
FAN - Faculty of Applied Sciences	11	0	8	0					19	0
FH - Faculty of Humanities	144	1	35	0					179	1
FN - School of Science	3	0	9	0			9		21	0
FPŠ - Graduate School			63	0	264	0	2	2	329	2
FVV - School for Viticulture and Enology	12	0					4		16	0
FZO - Faculty of Environmental Sciences	193	0	55	0					248	0

DiRROS – Digital repository of Slovenian research organizations

Digital repository of Slovenian research organizations



	Introduction	Search	Browse	Statistics	News	Contacts	Login
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

















Welcome to the DiRROS repository

A+ | A- | SLO | ENG

New documents in DiRROS:

11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-218
11.11.2024	SciVie	article	Three decades of understorey vegetation change in Quercus-dominated forests as a result of increasing canopy mortality and global change symptoms
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-217
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-216
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-215
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-214
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-213
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-211
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-210
11.11.2024	SciVie	monograph	Poročilo o preskusu št.: LVG 2024-209

The table below shows the number of new and total number of documents per DiRROS member organization. Only full text documents (with files) are included, irrespective of the language. New works are all works, published in last 30 days. Table cells with the icon  start a search of a certain type of documents for a single organisation, whereas cells with the icon  enable RSS subscription.

Organisation	Articles and other component parts		Monographs and other completed works		Performed works (events)		ALL	
	All	New	All	New	All	New	All	New
ARRS - Slovenian Research Agency	3  	0					3  	0
CTK - Central Technological Library at the University of Ljubljana	343  	3	10  	0	2  	0	355  	3
FTPO - Faculty of Polymer Technology	1  	0	63  	0			64  	0
GeoZS - Geological Survey of Slovenia	119  	0	2  	0			121  	0
IER - Institute for Economic Research								
IHR - Institute for Hydraulic research								

ReVIS – Repository of colleges and higher education institutions

Repository of colleges and higher education institutions

🏠	About	Search	Browse	Statistics	Contacts	Login
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Welcome to the ReVIS repository

A+ | A- | SLO | ENG

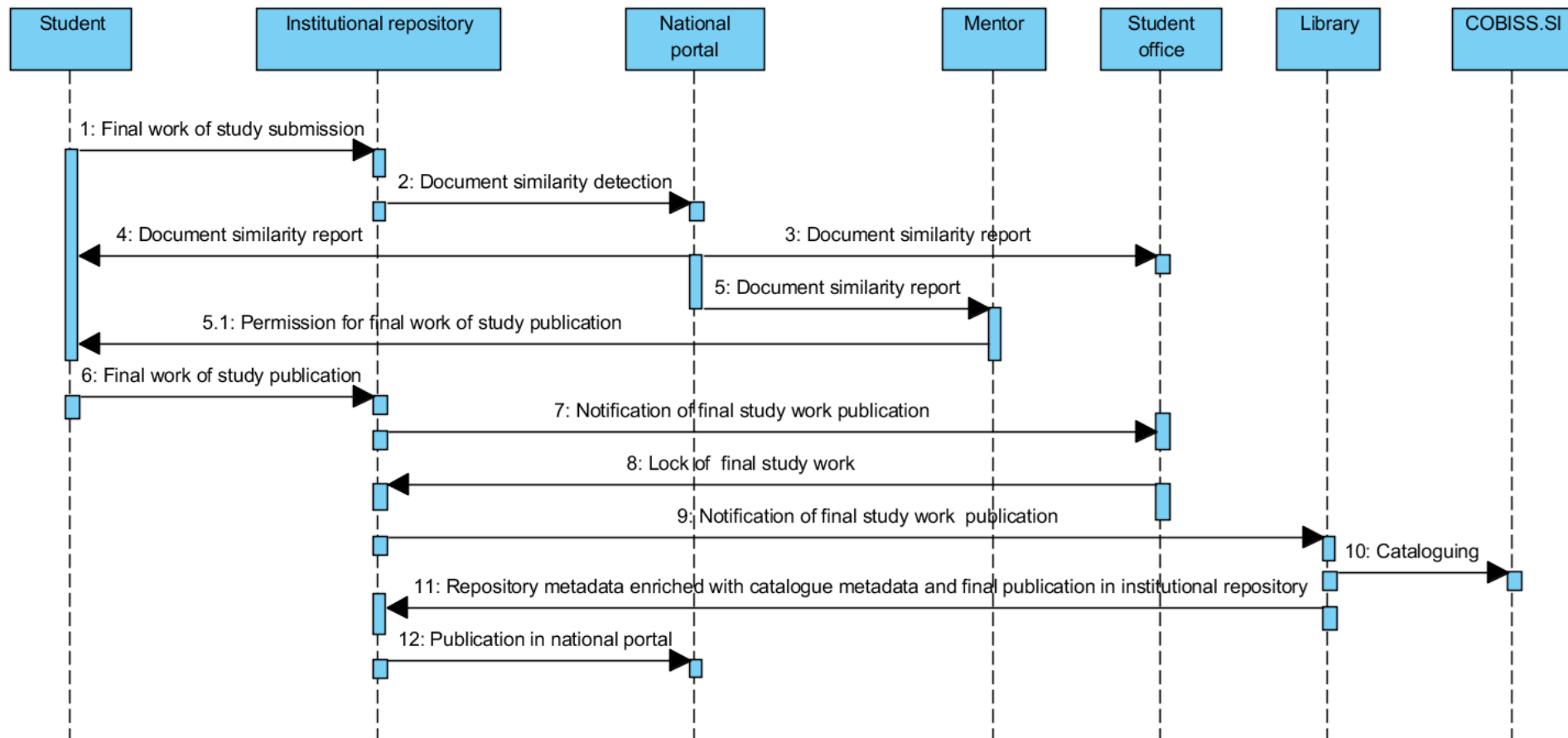
New documents in ReVIS:

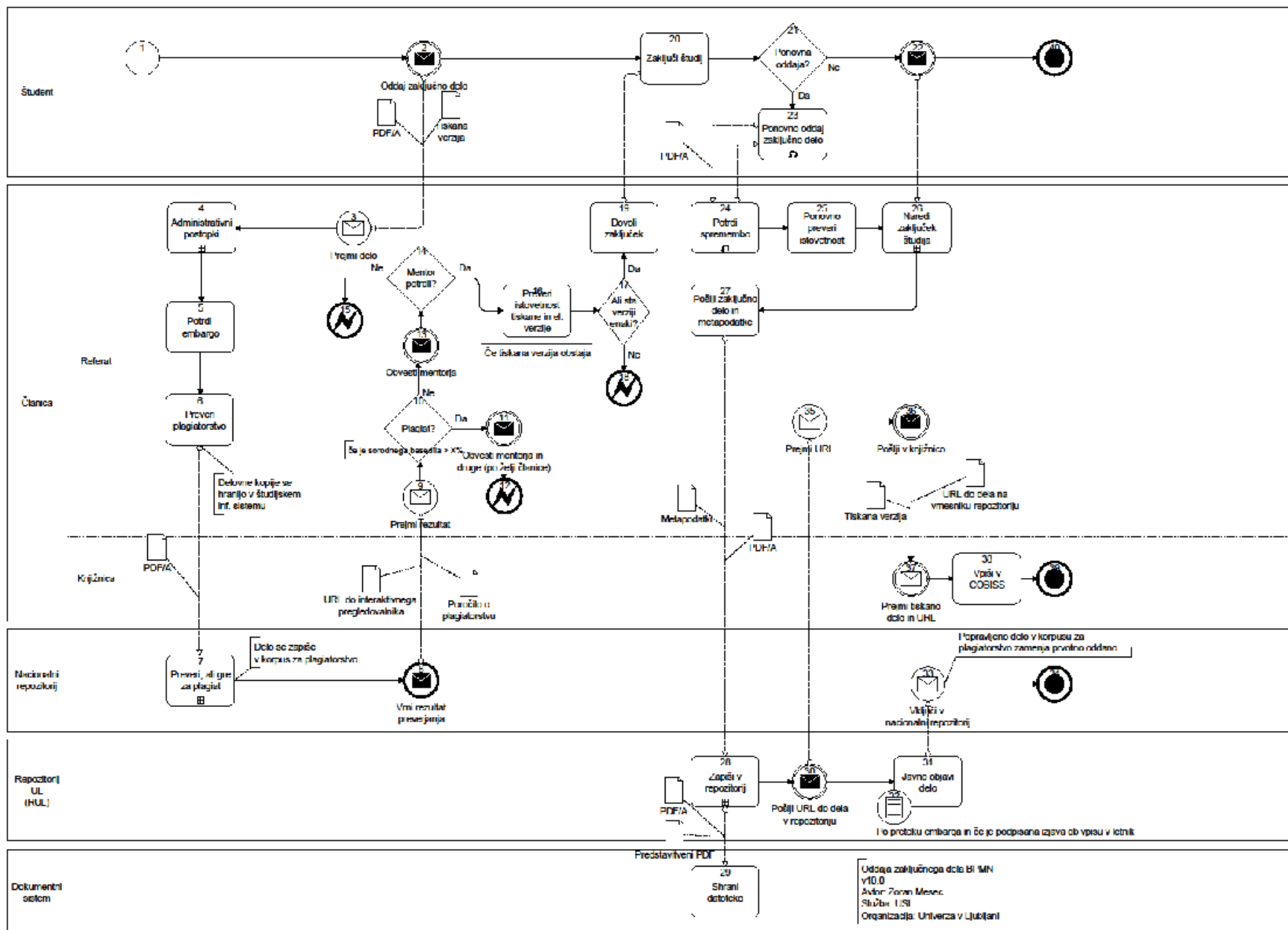
11.11.2024 MFDPŠ	other	Managementu znanja v carinskih postopkih
11.11.2024 MFDPŠ	other	Izobraževanje in zavedanje pomena informacijske varnosti v izbrani organizaciji
11.11.2024 MFDPŠ	other	Management kakovosti pri delu z dobavitelji v izbranem podjetju
11.11.2024 MFDPŠ	other	Posebnosti kriznega managementa v primeru naravnih nesreč
11.11.2024 MFDPŠ	other	Analiza porabe državnih in Zoisovih štipendij za študente v Sloveniji
11.11.2024 MFDPŠ	other	Delovna zavzetost in zadovoljstvo zaposlenih pri delu od doma v podjetju x
11.11.2024 MFDPŠ	other	Vloga vsebinskega marketinga pri gradnji prepoznavnosti blagovne znamke
11.11.2024 MFDPŠ	other	Analiza orodij digitalnega marketinga blagovnih znamk kozmetičnih izdelkov
11.11.2024 MFDPŠ	other	Strategija nadaljnjega razvoja podjetja Terme Olimia
11.11.2024 MFDPŠ	other	Vloga influencerjev in prihodnost marketinških kampanj

The table bellow shows members of repository of ReVIS. Number of works include only works with full text (with files) in all languages. New works are all works, published in last 30 days. Table cells with 🔍 start with a search, while cells with 📡 enable RSS subscription.

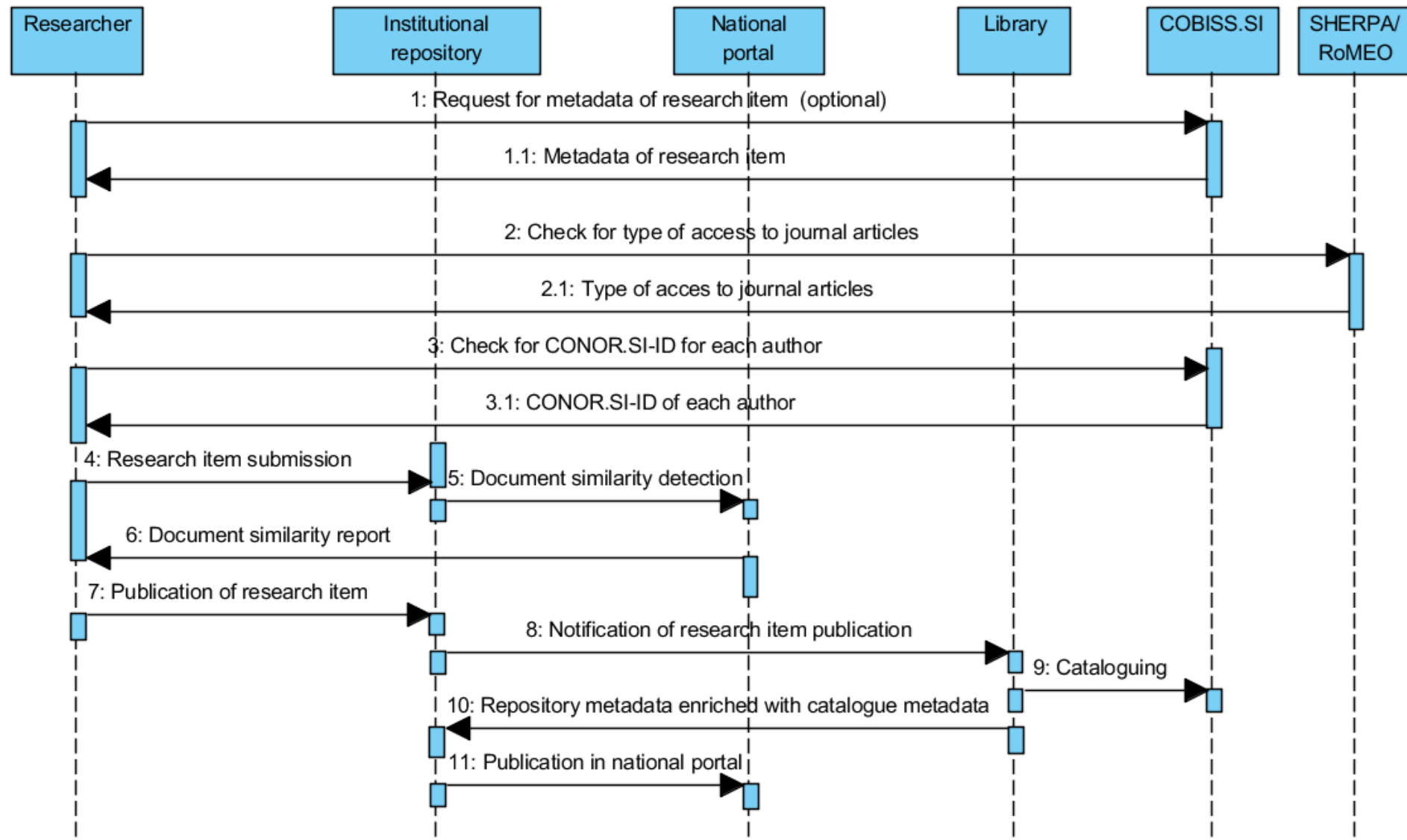
Organisation	Articles and other component parts		Monographs and other completed works		Performed works (events)		All	
	All	New	All	New	All	New	All	New
AMEU - Alma Mater Europaea - ECM			4 🔍 📡	0			4 🔍 📡	0
AREMA - AREMA - Academy for logistic and management, Rogaška Slatina								
AVA - Academy of Visual Arts								
B&B - B&B izobraževanje in usposabljanje d.o.o.								
BCN - Naklo Biotechnical Center	114 🔍 📡	0	397 🔍 📡	6			511 🔍 📡	6

A sequence diagram of final study work submission and publication at the universities of Maribor and of Nova Gorica





A sequence diagram of research item submission and publication



Establishing processes to support the handling of research data in the national open access infrastructure

- Pre-publication activities.
- Publication in the repository or data archive.
- Digital preservation.

Phase before publication of research data and required documentation

- Phase before publication of research data:
 - Planning and finding data sources.
 - Preparation of a research data management plan, applications for the ethics commission and proposals for informed consent, proposals for declarations by data providers.
 - Obtaining relevant statements and opinions.
 - Data collection and creation.
 - Data Processing and analysis.
 - Preparation of files in appropriate formats.
 - Preparation of documentation.

Before a researcher applies for the publication of a research dataset in the national open access infrastructure, he must have:

- a data management plan (if requested by the funder or the organization in which he is employed),
- metadata about the research dataset,
- documentation that is necessary for understanding and using the data,
- data files in appropriate formats,
- ethical approval if the research study involves humans, animals or environmental data,
- statements of data providers and signed informed consents of research participants,
- defined licenses for the use of research data,
- the software, containers, workflows that was used to generate or process the data, if he created it himself,
- research notes and other research results, if any.

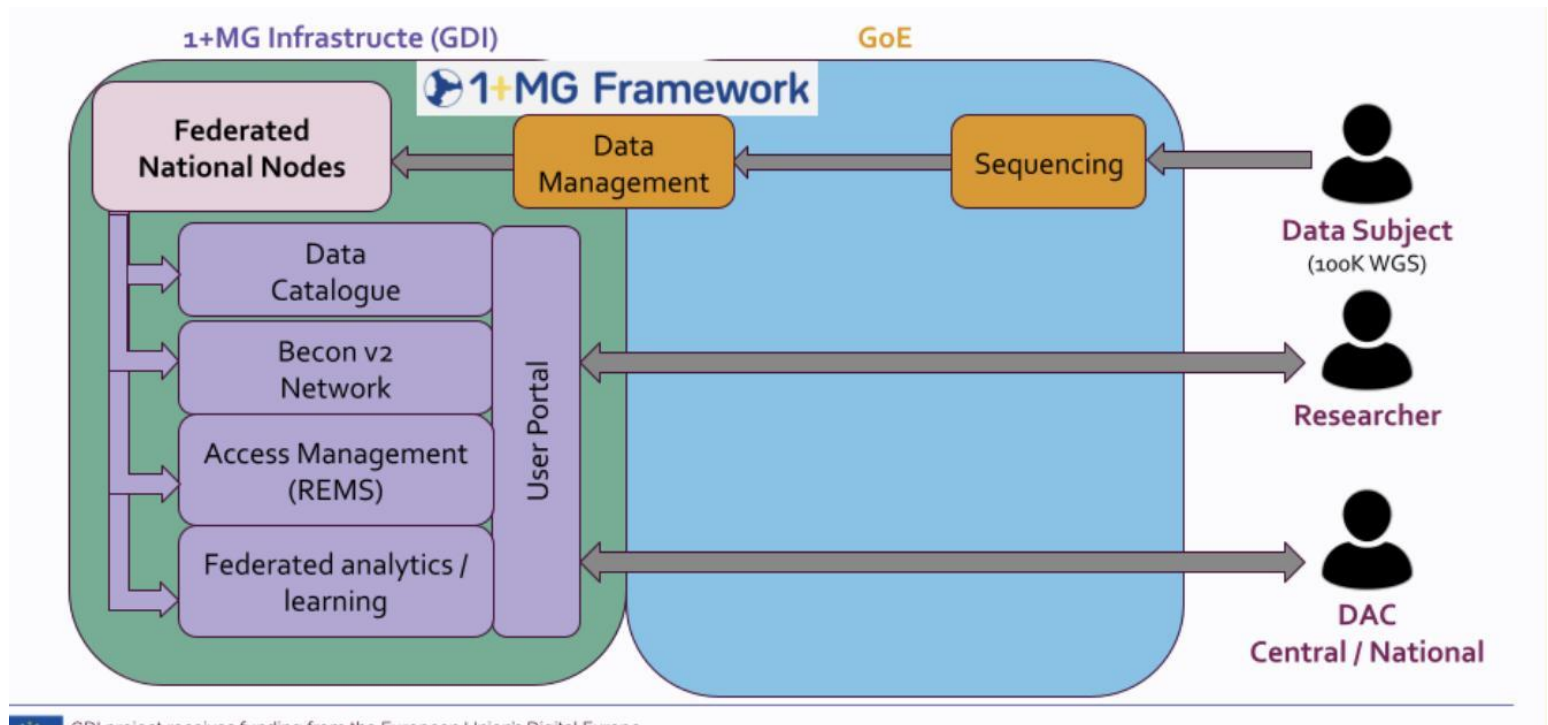
Publication phase

- The researcher inserts the research data set and other research results into the repository or data archive himself or his librarian inserts them .
- The librarian checks the adequacy of the metadata and whether the appropriate documentation is available.
- The librarian informs the appropriate authority within the institution, which is in charge of checking the appropriateness of data publication and other research results, that the data set and other research results have been uploaded. They are accessible in closed access and are only available via a link that requires a password provided by the librarian.
- The appropriate body within the institution, which is in charge of checking the adequacy of the data publication, checks the adequacy of the content of the data set and other research results. If the content is appropriate, inform the librarian that the data set and other research results can be published.
- The librarian, after a positive response from the body within the institution, which is in charge of checking the appropriateness of data publication, publishes the data set and other research results in the repository and performs cataloging in COBISS.
- Central specialised information centre of the scientific field, established by Slovenian research and innovation agency checks the adequacy of the typology, metadata and documentation of the research data set and other research results.

Digital preservation phase

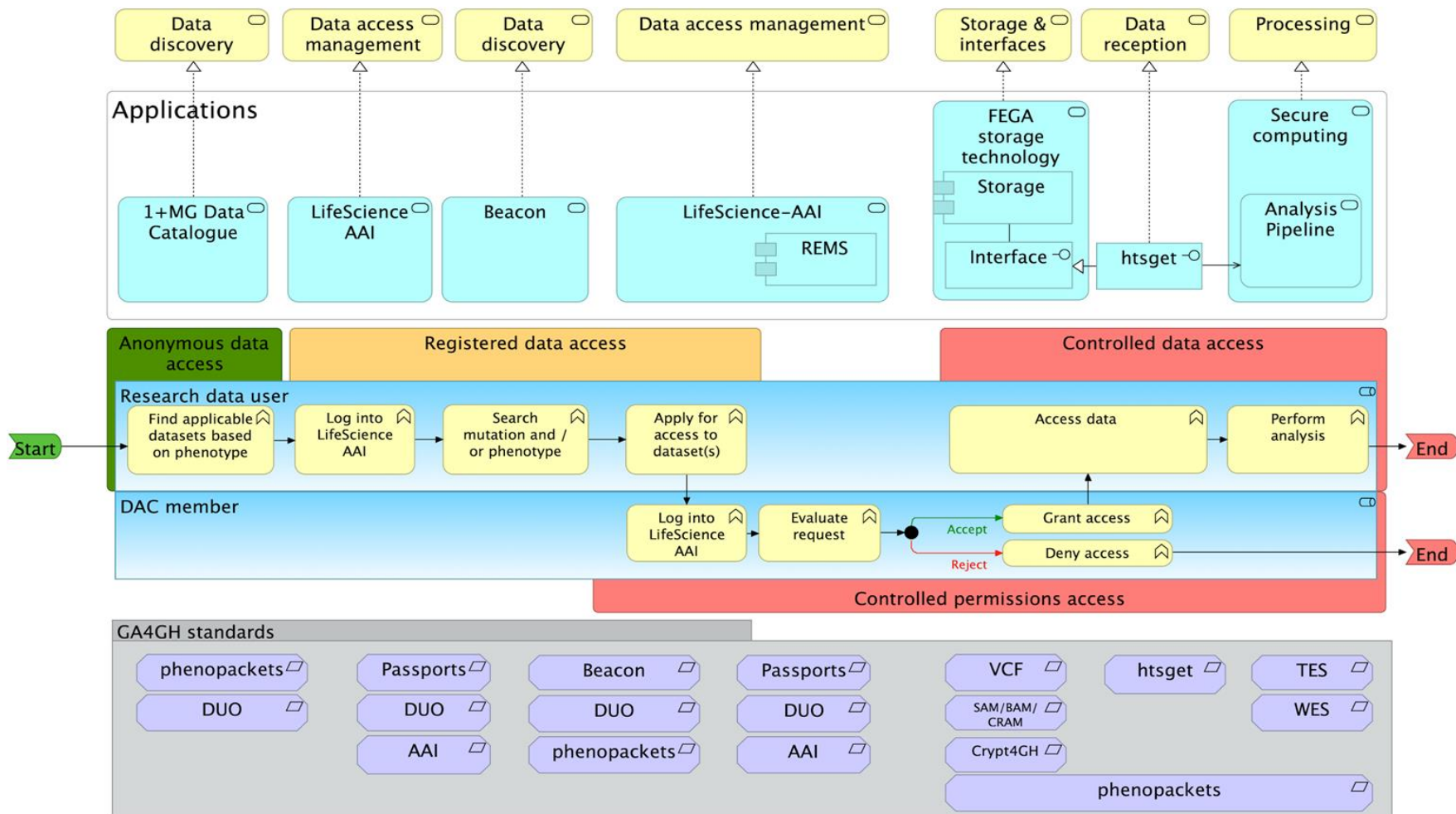
- Data can be stored in different formats and in several versions. For digital preservation of research data, we must ensure the independence of the data from the technology. We will establish processes for digital preservation according to the OAIS reference model ([ISO 14721](#)) using metadata according to [the PREMIS](#) meta data standard.

1+MG schema

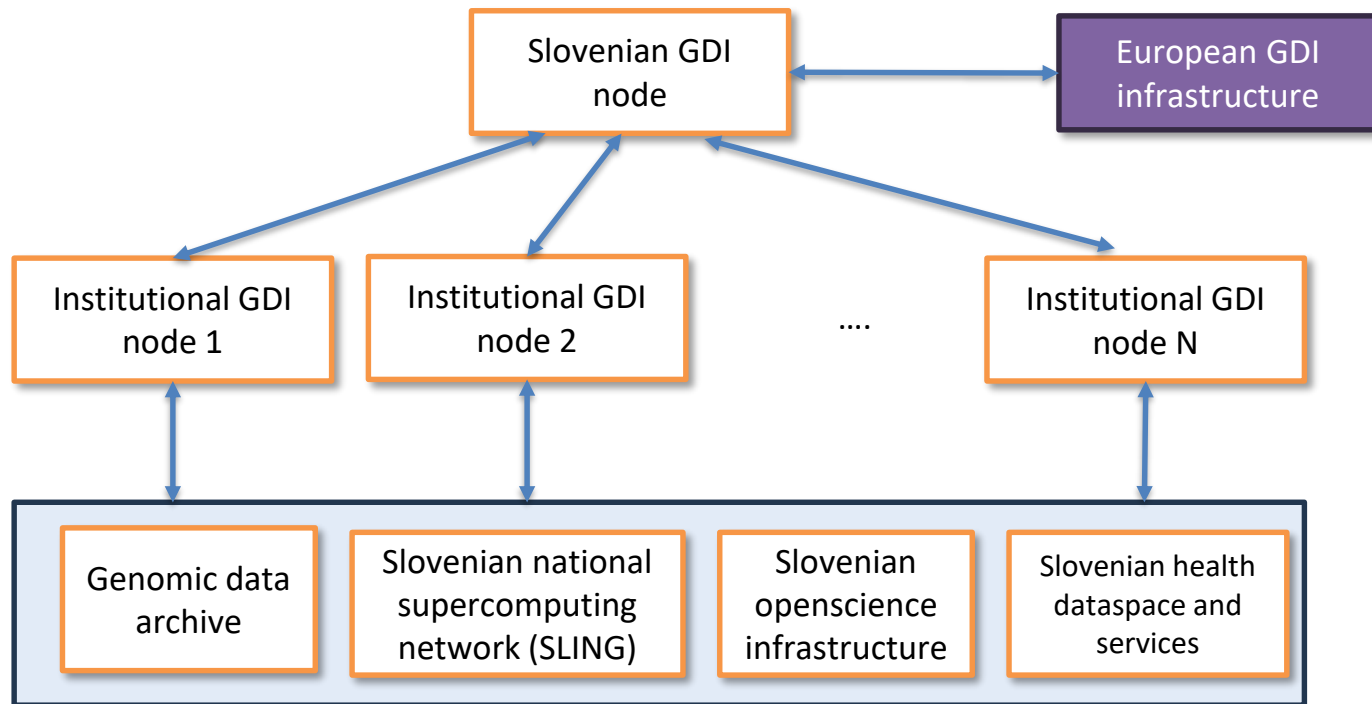


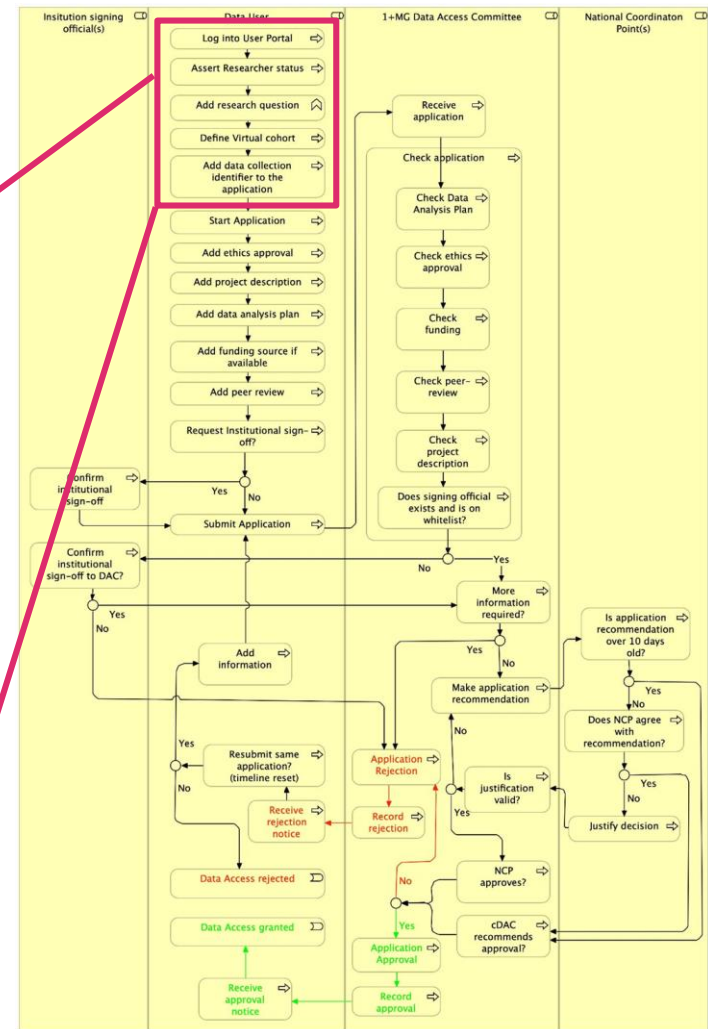
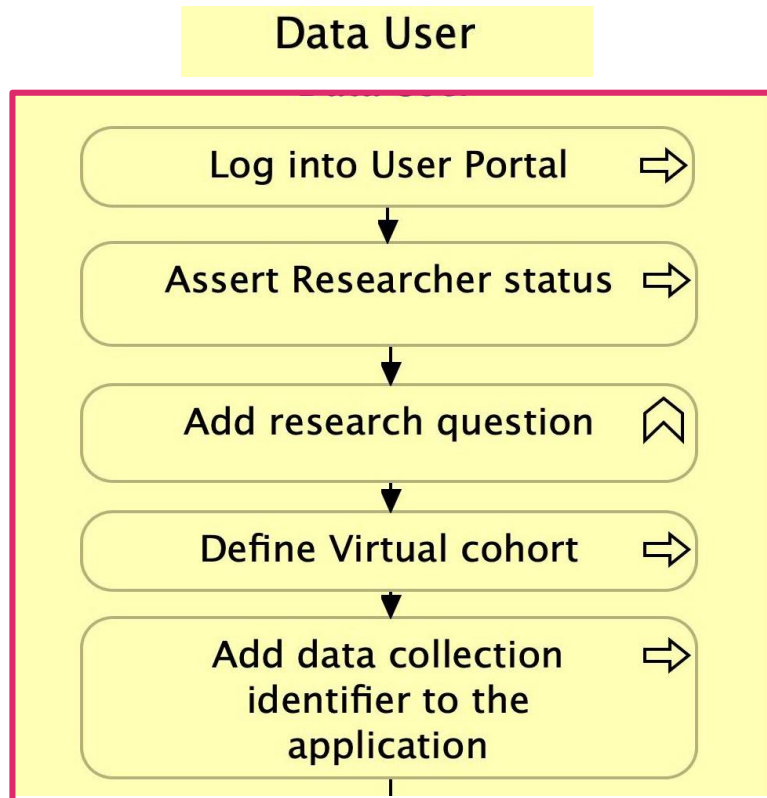


Workflow



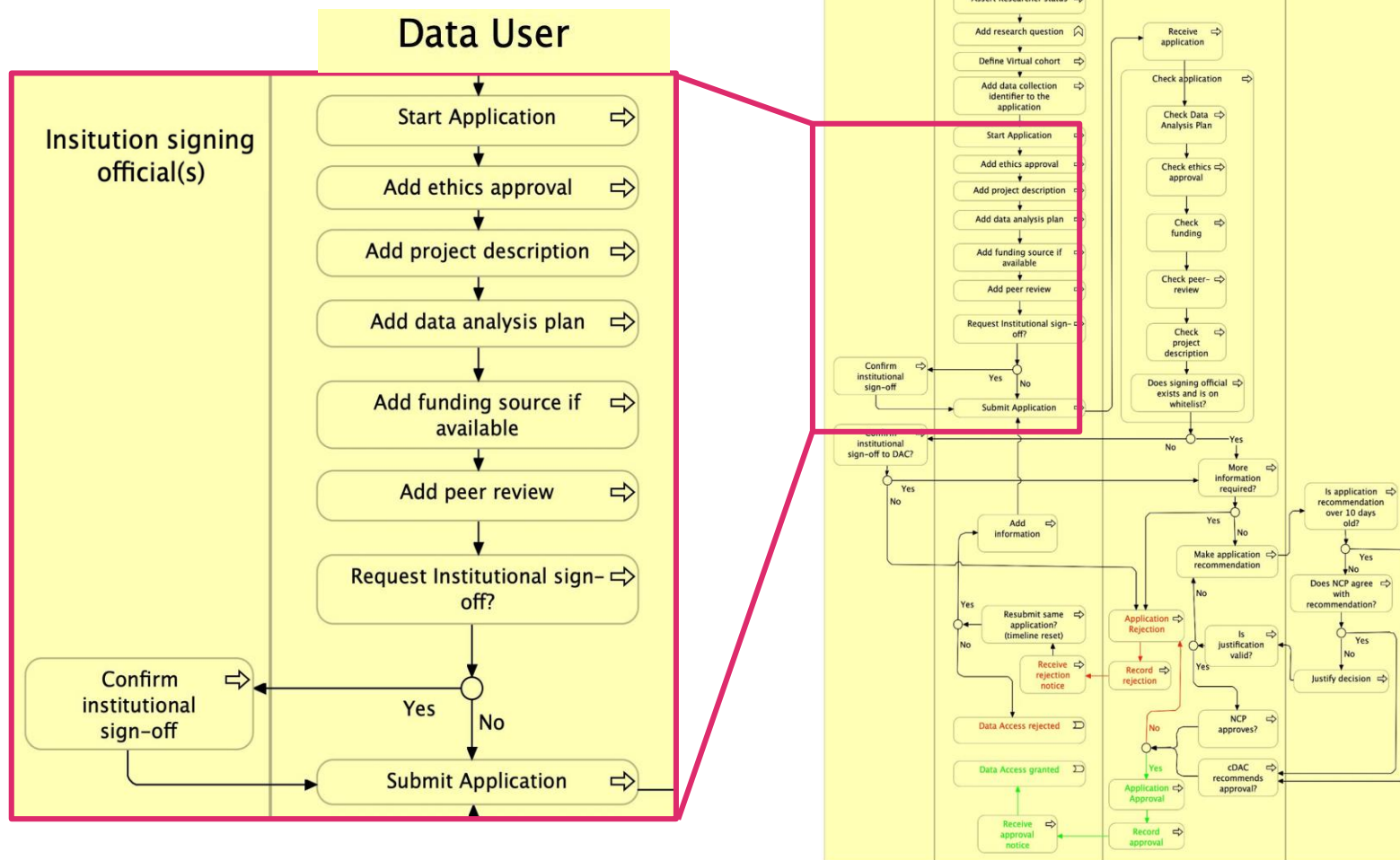
Slovenian GDI architecture diagram

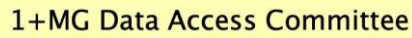






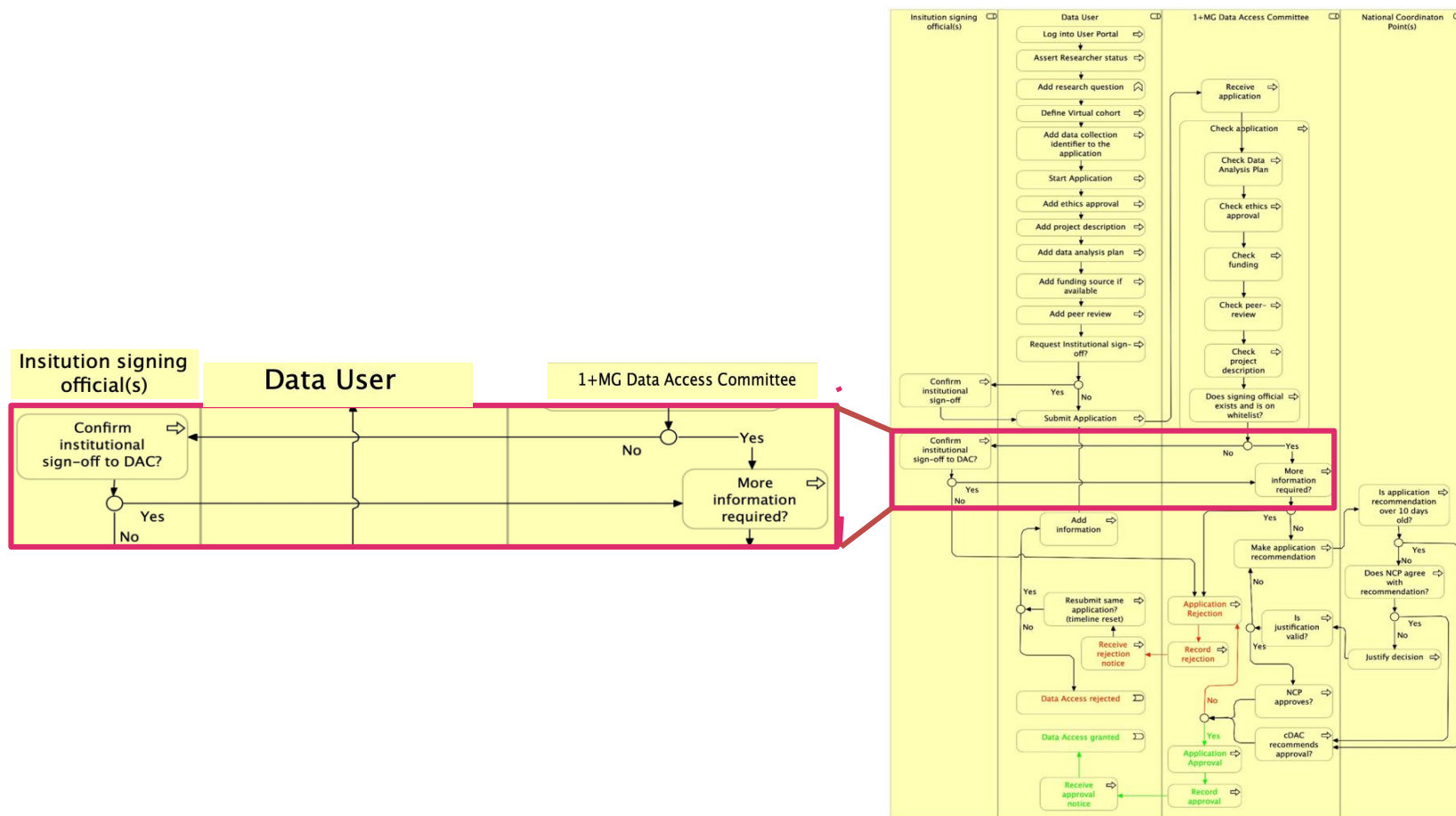
Request for data





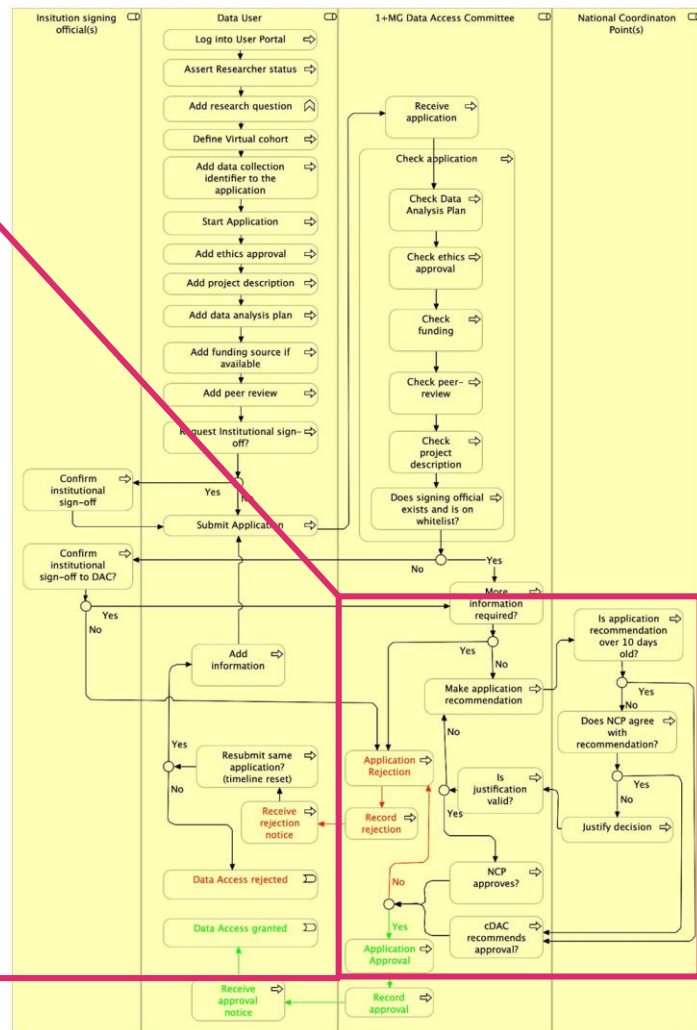
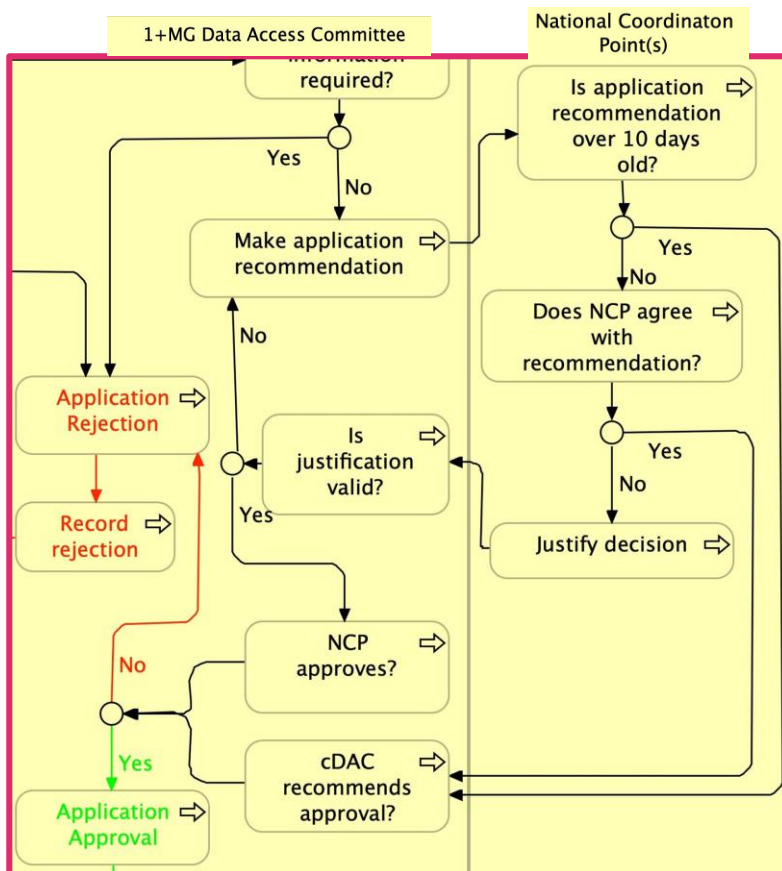


Reviewing a data request



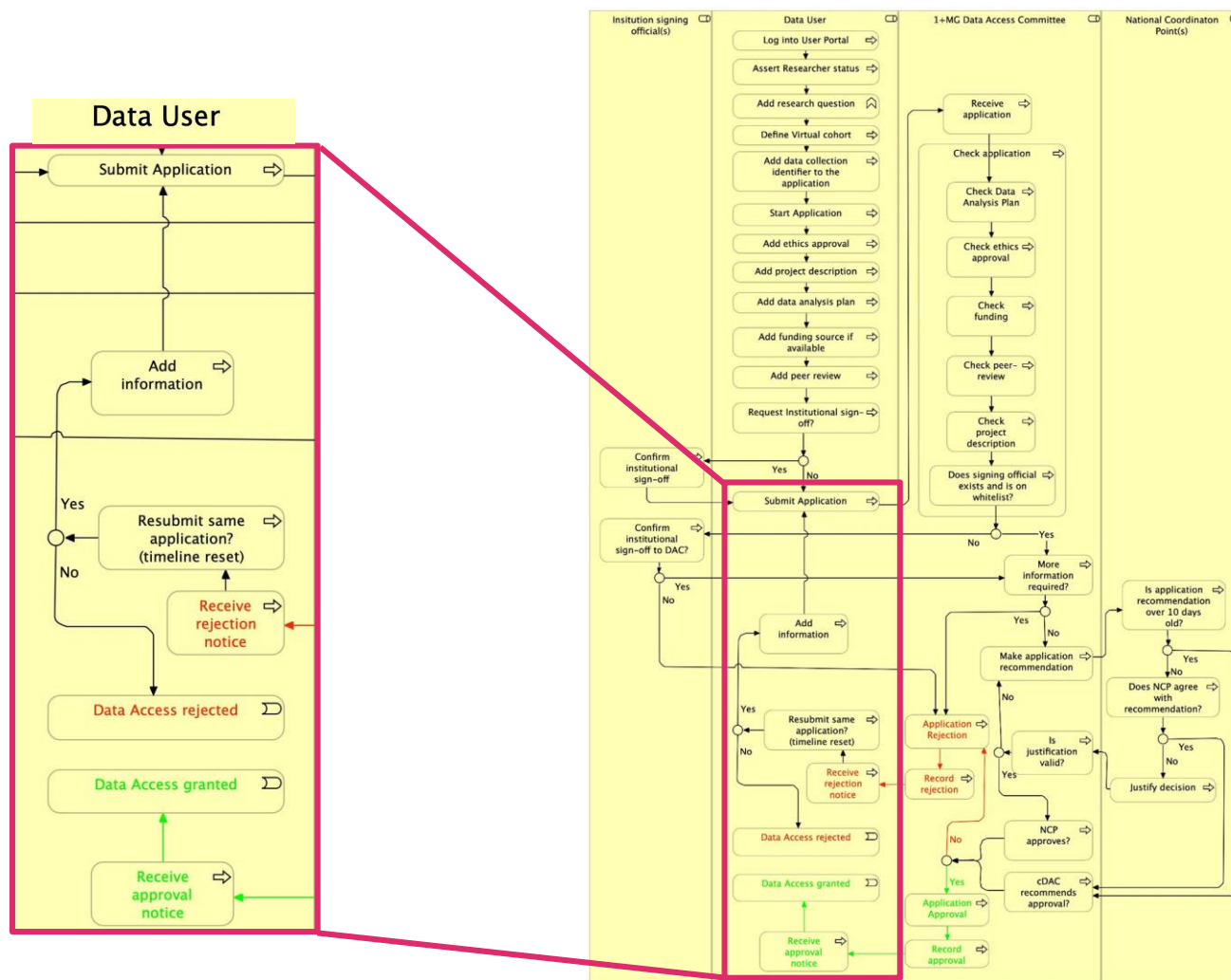


Reviewing a data request





Granting access to data



Who influences the interoperability of digital objects and infrastructures in Europe?

- [European Open Science Cloud \(EOSC\)](#)
- [EU research infrastructures](#) ([ELIXIR](#), [CLARIN](#), [CESSDA](#), [DARIAH](#), [BBMRI](#),)
 - [European Strategy Forum on Research Infrastructures \(ESFRI\)](#)
 - [European Research Infrastructure Consortium \(ERIC\)](#)
- [Pan-European e-Infrastructures](#) ([GEANT](#), [EUDAT](#), [OpenAire](#), [EGI](#), [EuroHPC](#), [RDA](#), [PRACE](#)...)
- EU in [EOSC projects](#): [FAIRsFAIR](#), [EOSC Enhance](#), [EOSC Pilot](#), [EOSC hub](#), [FAIRCORE4EOSC](#), [EOSC Future](#), [DICE](#), [EGI-ACE](#), [OpenAIRE Advance](#), [OpenAire-Nexus](#), [EOSC FOCUS](#), [FAIR IMPACT](#), [Skills4EOSC](#), [FAIR-EASE](#), [ByCOVID](#), [ExPaNDS](#), [Blue-Cloud 2026](#), [WorldFAIR](#), [EOSC RAISE](#), [OSCARS](#), [EOSC Beyond](#), [EVERSE](#), [Ostrails](#), [EOSC SIESTA](#), [TITAN](#), [EOSC ENTRUST](#)...
- [EU scientific clusters](#): [ENVRI-FAIR](#) (environmental sciences), [EOSC-Life](#) (life sciences), [ESCAPE](#) (astronomy and particle physics), [SSHOC](#) (social sciences and humanities), [PaNOSC](#) (photon and neutron open science cloud).
- EU and global initiatives ([CODATA](#), [FAIR digital object forum](#), [GoFAIR](#), [DDI](#), [COAR](#), [IVOA](#)...).

Pan-European e-Infrastructures



AARC: Authentication and Authorisation for Research and Collaboration

www.aarc-project.eu



BlueBRIDGE: Building Research environments fostering Innovation, Decision making, Governance and Education to support blue growth

www.bluebridge-vres.eu



EarthServer2: Big Earth Data at your fingertips

www.earthserver.eu



EDISON: Building the data science profession

www.edison-project.eu



OpenAIRE: Science set free

www.openaire.eu



OpenDreamKit: Open Digital Research Environment Toolkit for the Advancement of Mathematics

www.opendreamkit.org



OpenMintED: Open Mining Infrastructure for Text and Data

www.openminted.eu



PhenoMeNaI: Phenome and Metabolome aNalysis

www.phenomenal-h2020.eu



EGI-Engage: Engaging the Research Community towards an Open Science Commons

go.egi.euengage



e-IRG: Paving the way towards a general purpose European e-Infrastructure

www.e-irg.eu



EUDAT: European Data Infrastructure

www.eudat.eu



EVER-EST: A Virtual Research Environment for the Earth Sciences

www.everest-eu.eu



PRACE: Partnership for Advanced Computing in Europe

www.prace-ri.eu



RDA: Research Data Alliance

www.rd-alliance.org



READ: Recognition and Enrichment of Archival Documents

read.transkribus.eu



SESAME Net: Supercomputing Expertise for Small And Medium Enterprises

www.sesametwork.eu



GÉANT Project (GN4-1): Accelerating research, driving innovation and enriching education

www.geant.org/geantproject



INDIGO - DataCloud: Integrating Distributed data Infrastructures for Global Exploitation

www.indigo-datacloud.eu



LEARN: LEaders Activating Research Networks

www.learn-rdm.eu



MuG: Multi-scale complex Genomics

www.multiscalegenomics.eu



THOR: Technical and Human infrastructure for Open Research

www.project-thor.eu



VI-SEEM: Virtual Research Environment (VRE) for regional Interdisciplinary communities in Southeast Europe and the Eastern Mediterranean

www.vi-seem.eu



VRE4EIC: A Europe-wide Interoperable Virtual Research Environment to Empower Multidisciplinary Research Communities and Accelerate Innovation and Collaboration

www.vre4eic.eu



West-Life: World-wide E-infrastructure for structural biology

EuroHPC Joint Undertaking

#EuroHPC Joint Undertaking

The European High Performance Computing Joint Undertaking (EuroHPC JU) will pool European resources to develop top-of-the range exascale supercomputers for processing big data, based on competitive European technology.

Member countries are Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Türkiye and United Kingdom.



SCIENCE-CLUSTERS.eu: Cross-Domain Research Infrastructure Collaboration for Open Science

Research Infrastructures and Communities

The science clusters have grown out of five collaborative projects funded by the European Union in 2019 to link ESFRI and other world-class Research Infrastructures (RIs) to the European Open Science Cloud (EOSC). The services developed by the clusters and other outcomes of the projects are cornerstones of the emerging EOSC fabric and support both disciplinary communities and multidisciplinary initiatives with harmonised models for access to data, tools, workflows and training. Each cluster unites multiple RIs in their specific scientific domain.



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SCIENCE**

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LIFE SCIENCE

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**PHOTON AND
NEUTRON SCIENCE**

Learn more [↗](#)



**SOCIAL SCIENCES
AND HUMANITIES**

Learn more [↗](#)

EOSC Life

EOSC-Life: Building a digital space for the life sciences



The EOSC-Life project aims to:

- Establish EOSC-Life by publishing FAIR life science data resources in EOSC
- Provide the policies, guidelines and processes for secure and ethical data reuse
- Populate an ecosystem of innovative life-science tools in EOSC
- Enable data-driven research in Europe by connecting life scientists to EOSC via open calls for participation

About ENVRI

RIs in
environmental and
earth sciences



EPOS
EUROPEAN PLATE OBSERVING SYSTEM

emso
ERIC

LifeWatch
ERIC

SeaDataNet

JERICO
Joint European Research Infrastructure for Oceanography

GROOM
Global Research Ocean Observing System

ESCAPE: European Science Cluster of Astronomy and Particle Physics



Consortium of 31 members, including:

- 10 ESFRI projects & landmarks: **CTA, EST, FAIR, HL-LHC, KM3NeT, SKA, LSST, VIRGO, ESO, JIVE**
- 2 pan-European International Organizations: **CERN and ESO**
- 2 European Research Infrastructures: **EGO and JIV-ERIC**
- 4 supporting European consortia: **APPEC, ASTRONET, ECFA and NuPECC**

Budget: **15.98 M€**

Duration: **48 months** (1/2/2019 -31/1/2023)

The European Open Science Cloud (EOSC)

The European Open Science Cloud (EOSC) aims to create a single digital space that will enable open access to, use and re-use of research data, resources and services across Europe. The EOSC's main objectives are:

- To make research data, services, software and other scientific outputs accessible to all researchers, regardless of their affiliation or financial means.
- To ensure that research data and research results are accessible, verifiable and reusable.
- To foster collaboration and accelerate the development of new scientific knowledge and technologies by bringing together a diverse community of researchers, businesses and public institutions.
- Promote the findability, accessibility, interoperability and reusability of research data and other digital objects, in line with the FAIR principles, with the aim of increasing productivity, innovation and trust in EU research.

EOSC providers



e-Infrastructures

Ex: EUDAT, EGI, national e-Infrastructures (e.g. national research clouds), OpenAIRE, PRACE, FENIX, D4Science

- ✓ Software & other research products
- ✓ Storage
- ✓ Computing
- ✓ Services
- ✓ Training



Research Infrastructures

Ex: ERICs, ESFRIs, EMODnet, Copernicus, DIAS (Data and Information Access Services), clusters

- ✓ Software & other research products
- ✓ Storage
- ✓ Datasets
- ✓ Computing
- ✓ Services
- ✓ Training



Higher Education Institutes (HEIs)

- ✓ Software & other research products
- ✓ Publications
- ✓ Services
- ✓ Storage
- ✓ Datasets



Research Institutes

Ex: Research performing organisations, universities, research centres

- ✓ Software & other research products
- ✓ Publications
- ✓ Datasets



Archives & Repositories

Ex: Institutional thematic and national repositories, archives and aggregators

- ✓ Software & other research products
- ✓ Datasets
- ✓ Publications



Computing & Data Centers

Ex: BCS, CSC, PSNC, CERN

- ✓ Software & other research products
- ✓ Storage
- ✓ Computing
- ✓ Services
- ✓ Training



Publishers & Journals

- ✓ Publications



Libraries

Ex: University libraries, institutional libraries, national libraries, LIBER

- ✓ Publications
- ✓ Datasets
- ✓ Training



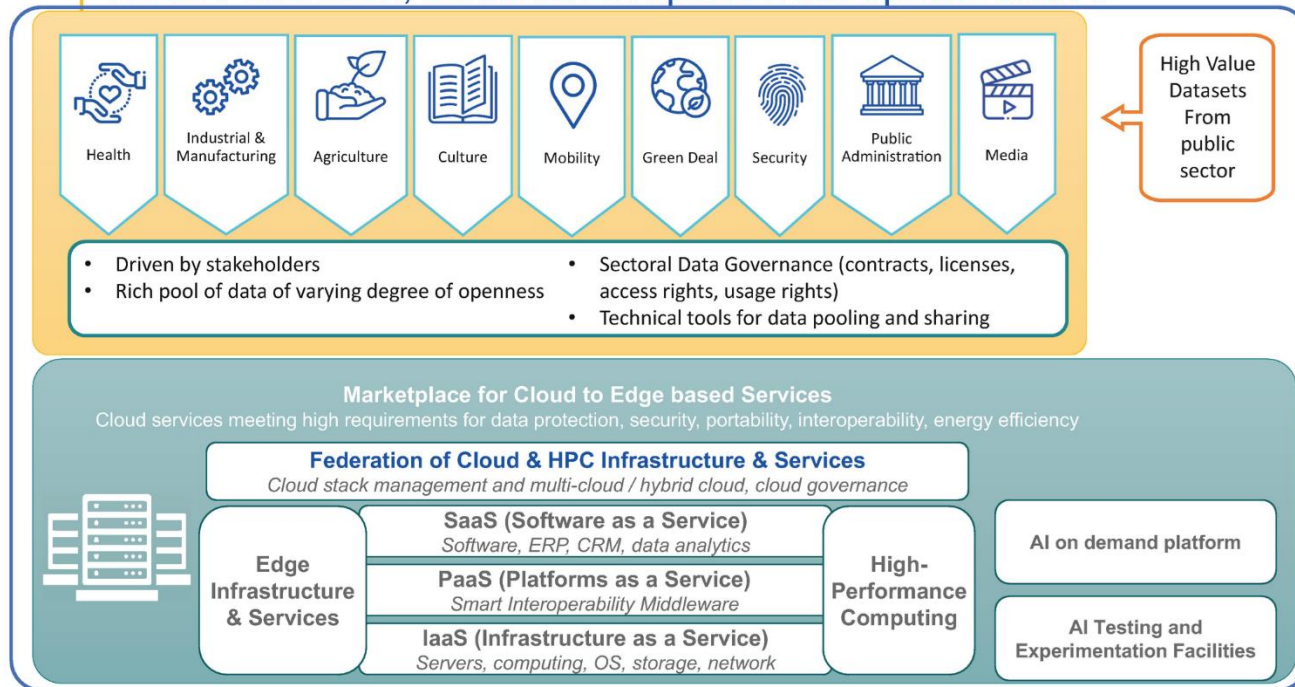
Commercial Providers

- ✓ Software & other research products
- ✓ Storage
- ✓ Datasets
- ✓ Computing
- ✓ Services
- ✓ Training
- ✓ Publications

Source: [EOSC Future](#)

Common European data spaces

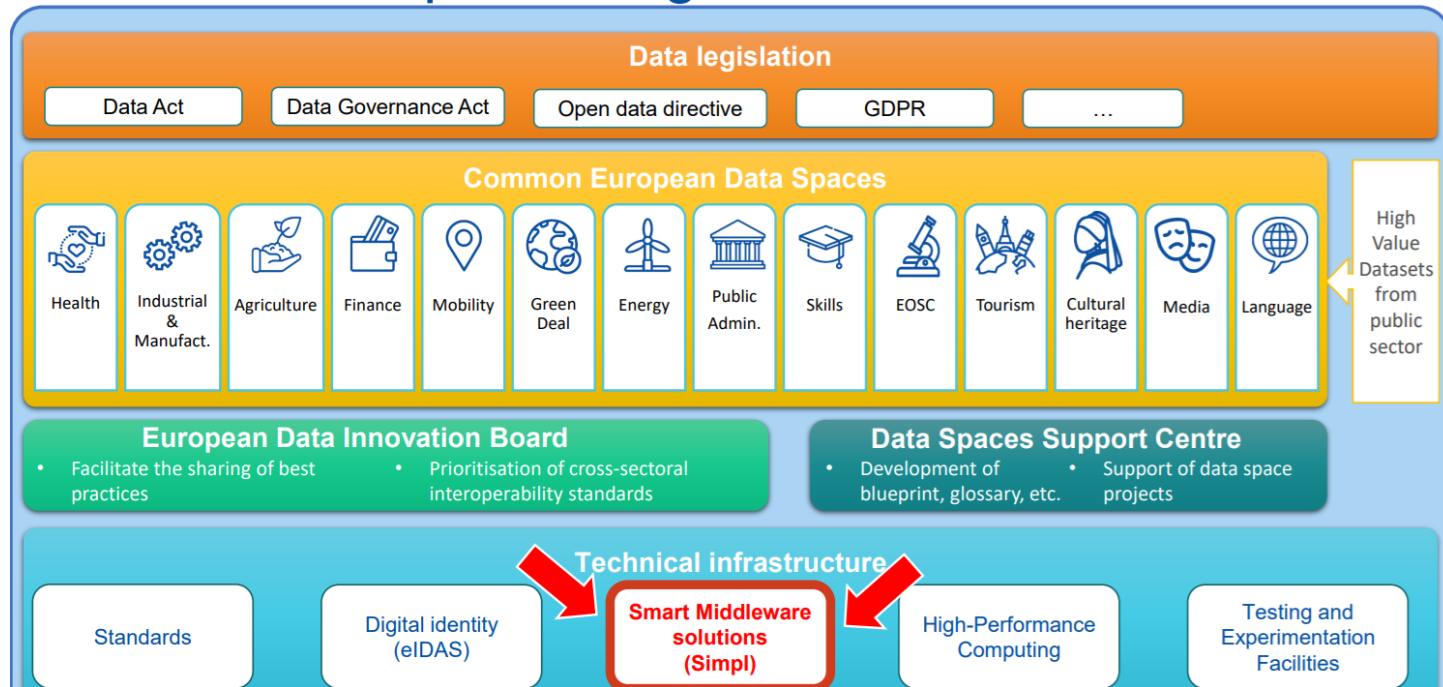
Cloud Federation, common European Data Spaces and AI



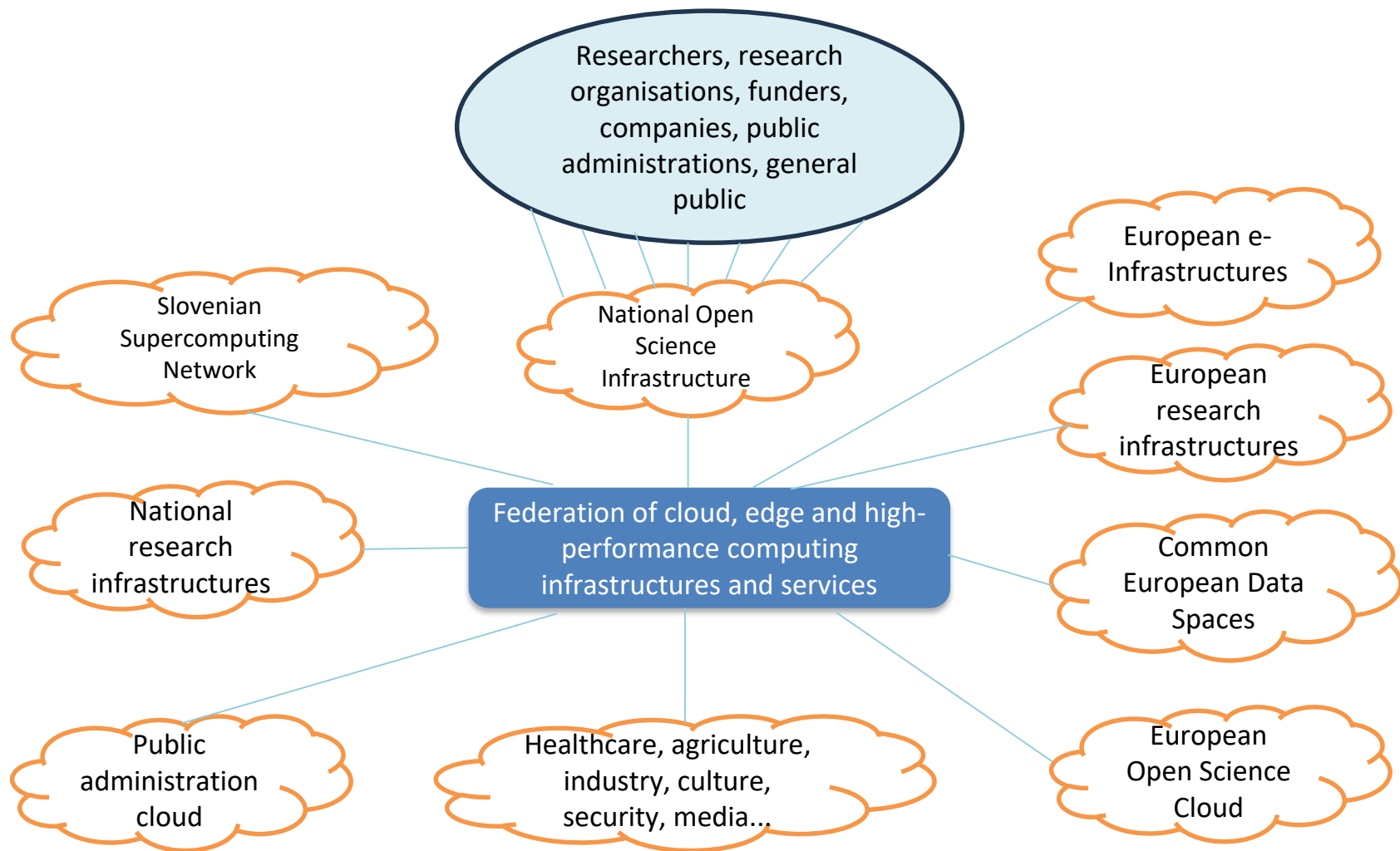
Sorce: [Common European data spaces](#)

European Single Market for Data

Source:
[Simpl](#)



Vision for a National EOSC Node



Where you find more information

- National portal of open science: <http://www.openscience.si/Default.aspx>
- DKUM: <https://dk.um.si/info/index.php/eng/>
- RUL: <http://repozitorij.uni-lj.si/info/index.php/eng/>
- RUP: <http://repozitorij.upr.si/info/index.php/eng/>
- RUNG: <http://repozitorij.ung.si/info/index.php/eng/>
- DIRROS: <http://dirros.openscience.si/info/index.php/eng/>
- REVIS: <http://revis.openscience.si/info/index.php/eng/>
- Our publication:
Milan Ojsteršek , Janez Brezovnik , Mojca Kotar , Marko Ferme , Goran Hrovat , Albin Bregant , Mladen Borovič , (2014) "[Establishing of a Slovenian open access infrastructure: a technical point of view](http://www.emeraldinsight.com/doi/full/10.1108/PROG-02-2014-0005)", Program: electronic library and information systems, Vol. 48 Iss: 4, pp.394 – 412
<http://www.emeraldinsight.com/doi/full/10.1108/PROG-02-2014-0005>

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