arhiv družboslovnih podatkov
adp

# DATA SERVICES: SLOVENE EXPERIENCE

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Social Science Data Archives (ADP), Slovenia

SERSCIDA

Belgrade conference 2013

# OUTLINE

1. History
2. Fist visible results
3. Present day issues
4. What we offer
5. Service for data users
6. Service for data depositors
7. Internal service: digital preservation
8. Conclusions

# Incentives from the beginning (90-ties)

- Ljubljana school of empirical social research: Institute of social sciences in Ljubljana (50 + years of existence)
  - We started rescuing what remained of past research data, work on documentation.
  - Reconstructing the history of social research in the country.
- Existence of strong on-going academic and public national longitudinal data generation programmes (SJM, Youth, ADS)
  - Provides a condition for continuous supply of new data, core data acquisition and data processing routines are defined.
  - The first data catalogue was published soon, basic data distribution service activates.
- Regular cooperation in international comparative research programmes was (re)established
  - Personal contacts and access to live experiences of a modern data archive organisation
- CESSDA, IFDO and IASSIST support
  - Mentoring role of CESSDA members (E. Mochmann, B. Hausstein)
  - IASSIST conference participation (Outreach grants)

## AS A CONSEQENCES

- Core collection and basic service established
- Appealing offer right from the beginning as a demonstration of usefulness
  - We succeeded to attract mass users (students) and more demanding users / a base for further promotion
  - Strong ties with data producers were established: extensive support in data management offered
  - Funders were persuaded to supply basic financial support for continuous service + *ad hoc* new service development projects grants received
- Data archivist staff professionalised
  - Permanent position, regular formal and on the job training
- Knowledge
  - Mastering of the technology of that time: DDI
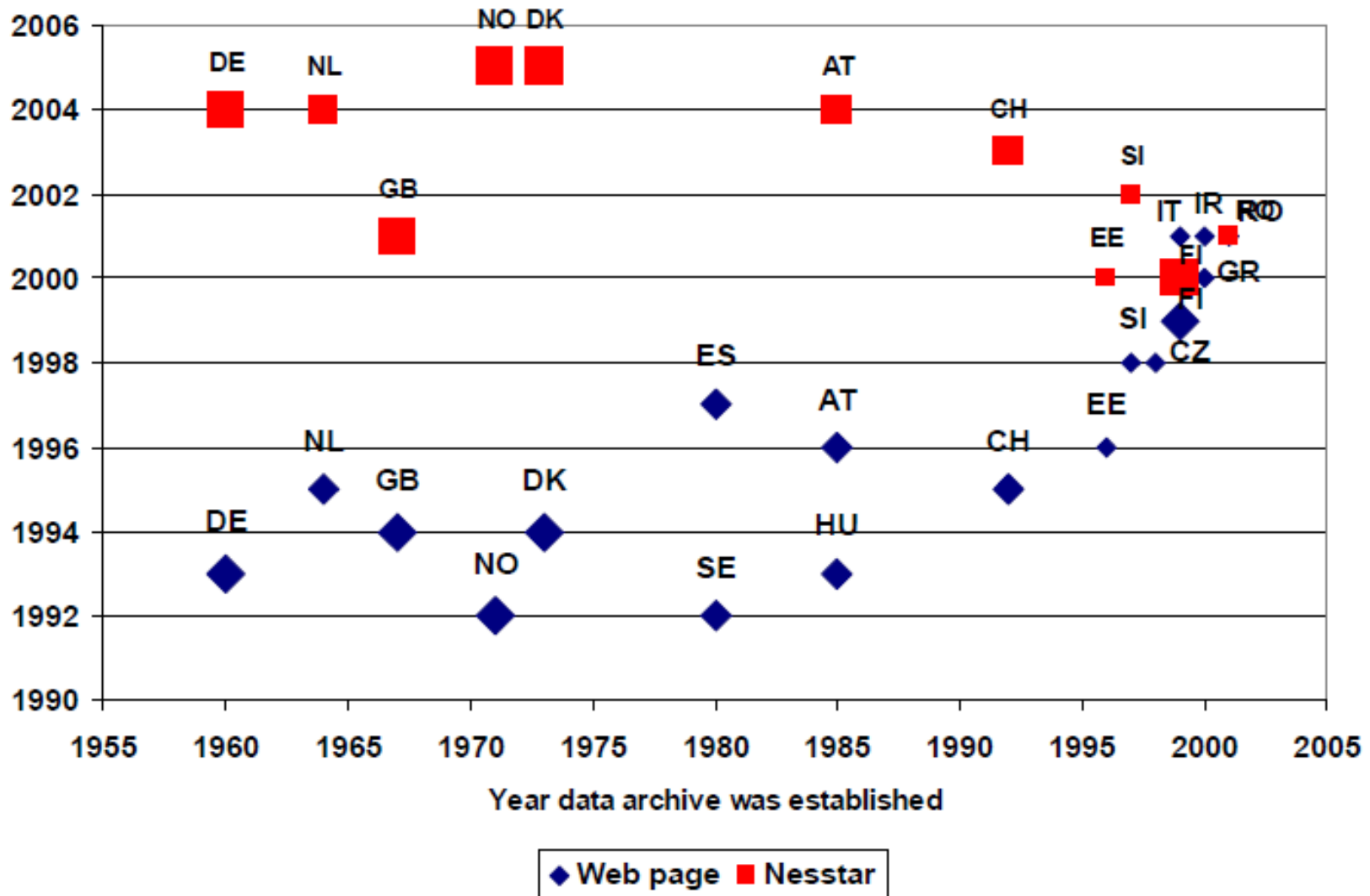- Good practice in established data service followed
  - Resulted in early application for membership in CESSDA

<notes xml:lang="sl-SI" source="producer">Opis raziskave je avtoriziran.</notes>
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<biblCit format="MRDF" source="producer">Kurdija, Slavko, Brina Malnar, Samo Uhan, Mitja Hafner Fink in Janez Štebe. Sl
<holdings URI="http://www.adp.fdv.uni-lj.si/opisi/" source="producer">ADP DDI </holdings>
</citation>
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</titlStmt>
<rspStmt source="producer">

Establishment of data arhive and launching of Web page/Nesstar (Situation in 2005)

Vipavc Brvar, IASSIST 2005

Opening Data Services in the Social Sciences, 2013

# SOME PRESENT DAY ISSUES

- Robust research data ecosystem needed
    - Funders' requirements clearly formulated in an open access national policy
    - Research data service is orienting towards offering advantages for data producers and users
- Cooperation in easing high quality access to governmental data
- Data publication metaphor. (compare M. A. Parsons, P.A. Fox: **Is Data Publication the Right Metaphor? Data Science Journal Vol. 12,2013)**
    - Persistent identifiers attached, versioning controlled
    - Links from/to other scientific publications (e.g. data citation)
    - Repository Harvesting and aggregation
    - Extended usage statistics
- Research data is a high class scientific object
    - Archived data that meet the criteria are regarded as equivalent to scientific publications by ARRS

## WHAT WE OFFER

Approx. **700** study descriptions / **400** downloadable data

**ACADEMIC** SURVEYS

   - SJM68 -> omnibus survey

   - thematic series (*Highways in Slovenia, Youth, Military occupations*)

**GOVERNMENT** DATA – OFFICIAL STATISTICS, SORS

**INTERNATIONAL** SURVEYS

   - ADP distributor of data (SI part of study)

   - ADP distributor of metadata in local language and referrals

   - support, guides

# International research

# SERVICE FOR DATA USERS

Viewing and browsing data and documentation of surveys

## DATA CATALOG

**Slovenian Public Opinion 2010: European Social Survey**

Study description | Data description | Materials and publications | Download data

ADP - IDNo: SJM10

**Main author(s):**
Kurdija, Slavko
Malnar, Brina
Uhan, Samo
Hafner-Fink, Mitja
Štebe, Janez

Other co-workers »

**Producer:**
CJM - Center za raziskovanje javnega mnenja in množičnih komunikacij = Public Opinion and Mass Communication Research Centre (Ljubljana, Slovenia; 2011)

**Funding agency:**
Agencija za raziskovalno dejavnost Republike Slovenije= Slovenian Research Agency

**Series:**
- SJM/Slovensko javno mnenje = Slovene Public Opinion Survey
  The SJM survey closely resemble the type of a General Social Surveys known in other countries. Its aim is to provide the scientific community with the data about changes in subjective perceptions and attitudes of the general population. The topics which repeats from year to year beginning with 1968 are the evaluations of general and economic situation in society, interethnic relations in Slovenia and Yugoslavia, politics, ecology and religion. Beginning in 1989 a SJM survey adds a cross-national comparative perspective by adopting and replicating some of the most well-known international comparative surveys, regional Central and East European as well as global. Occasionally under the SJM title appears some specialised topical projects.
- ESS/European Social Survey
  The European Social Survey (ESS) is a multi-country survey covering over 20 nations. Its aim is to chart and explain the interaction between Europe's changing institutions and populations. The Framework Program

**Complete study description**

Access to data:

nesstar
unlocking | data | creating | knowledge

study description | download data

Status of the study: 4 - Full Study
XML DDI Codebook Data description questions text.

9: highest range, comparative research, influential population methodological excellence
Publication date: 2012

**How to quote this study?**
Kurdija, Slavko, Brina Malnar, Samo Uhan, Mitja Hafner Fink and Janez Štebe. Slovenian Public Opinion 2010: European Social Survey, Slovenia, Ljubljana: Univerza v Ljubljani = Faculty of Social Sciences = Fakulteta za družbene vede = Faculty of Social Sciences, Center za raziskovanje javnega mnenja in množičnih komunikacij = Public Opinion and Mass Communication Research Centre, 2011. Slovenia, Ljubljana: Univerza v Ljubljani, Arhiv družboslovnih podatkov = Social Science Data Archive [distribution], 2012.

COBISS

raziskava NEW
- [SJM081]³ Slovene Public Opinion 2008/1 : European Values Survey NEW
- [SJM082]³ Slovene Public Opinion 2008/2 : European social survey NEW
  - Metadata
  - Variable Description
  - Bookmarks
- [SJM091]³ Slovenian Public Opinion 2009/1 : Religion, ISSP 2008 and Social Inequality, ISSP 2009 NEW
- [SJM092]³ Slovenian Public Opinion 2009/2 : National and International Security Survey NEW
- [SJM10-en]³ Slovenian Public Opinion 2010
- [SJMPB_98]Slovenian Public Opinion Survey, 1990-1998 : Repeated questions from Politbarometer series
- [SJMUST88]Slovene Public Opinion Survey 1988 : Attitudes towards Constitutional Changes
- [SJMUST89]Slovene Public Opinion Survey 1989 : Attitudes towards Constitutional Amendments
- [SJMUST90]Sloven Public Opinion Survey 1990/2 : Attitudes towards New Constitution
- [SK90]¹ Senior Officers in Republic Slovenia Armed Forces
- [SLOAVS94]² Slovenian-Austrian Comparative Values Survey, 1994
- SLOOBR - The Slovenes and Military Occupations
- SOCOM - Social Support
- [SPFND7S]¹ Social and Psychological Factors of Family Planninig 1975
- [SPOBARO1]³ Sport barometer
- [STAN05]³ Housing survey 2005 : Research and development project
- [STARSI04]³ Parents between work and family
- [STARSI05]³ Harmonization of work and parenthood 2005
- [STILI01]³ Lifestyles in a mediated society 2001

**DESCRIPTION** TABULATION ANALYSIS

Dataset: [SJM082]³ Slovene Public Opinion 2008/2 : European social survey

**Full Title**
[SJM082]³ Slovene Public Opinion 2008/2 : European social survey

**Subtitle**
European social survey

**Parallel Title**
Slovensko javno mnenje 2008/2, Evropska družboslovna raziskava

**Identification Number**
sjm082-en

**Authoring Entity**
- Kurdija Slavko Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih ko...
- Malnar, Brina Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih kom...
- Hafner Fink, Mitja Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih ...
- Uhan, Samo Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih kom...
- Štebe, Janez Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih ko...

**Other identifications and acknowledgments**
- Toš, Niko Affiliation: Univerza v Ljubljani = University of Ljubljana, Center za raziskovanje javnega mnenja in množičnih komuni...

raziskava NEW
- [SJM081]³ Slovene Public Opinion 2008/1 : European Values Survey NEW
- [SJM082]³ Slovene Public Opinion 2008/2 : European social survey NEW
- [SJM091]³ Slovenian Public Opinion 2009/1 : Religion, ISSP 2008 and Social Inequality, ISSP 2009 NEW
- [SJM092]³ Slovenian Public Opinion 2009/2 : National and International Security Survey NEW
- [SJM10-en]³ Slovenian Public Opinion 2010
  - Metadata
  - Variable Description
    - Množični mediji
    - Politika
    - Osebno življenje
    - Delo
      - Bil sem vesel in dobre volje.
      - Bil sem miren in sproščen.
      - Bil sem dejaven in poln energije.
      - Ženska mora biti pripravljena zmanjšati obseg svojega plačanega dela v korist svoje družine.
      - Kadar ni dovolj delovnih mest, bi morali imeti moški prednost pri zaposlovanju pred ženskami.
      - Država bi morala narediti veliko več zato, da ljudje ne bi padli v revščino.
      - Kako pogosto ste se v preteklem tednu počutili osamljeno?
      - Moje gospodinjstvo je moralo živeti z nižjimi prihodki.
      - Moral sem uporabiti prihranke ali se zadolžiti.
      - Moral sem varčevati pri počitnicah ali nakupih nove gospodinjske opreme.
      - Koliko let delovne dobe imate do sedaj?
      - Katero nalogo pretežno opravljate v okviru svoje zaposlitve?
      - Koliko let ste opravljali tako vrsto dela, kot ga sedaj?
      - Kako pogosto morate delati zvečer ali ponoči?
      - Kako pogosto morate delati nadure brez predhodnega obvestila?
      - Kako pogosto morate delati ob vikendih?

**DESCRIPTION** TABULATION ANALYSIS

Dataset: [SJM10-en]³ Slovenian Public Opinion 2010

**Variable G1** : Bil sem vesel in dobre volje.

**PreQuestion Text**
Prebral vam bom nekaj izjav o tem, kako se morda počutite v zadnjem času. Za vsako posebej povejte, kako pogosto ste se tako počutili v zadnjih dveh tednih.

**Literal Question**
G1 Bil sem vesel in dobre volje.

| Values | Categories | N | |
|---|---|---|---|
| 1 | ves čas | 140 | 10.0% |
| 2 | večino časa | 574 | 41.1% |
| 3 | več kot polovico časa | 406 | 29.0% |
| 4 | manj kot polovico časa | 156 | 11.2% |
| 5 | le malo časa | 111 | 7.9% |
| 6 | nikoli | 11 | 0.8% |
| 8 | ne vem | 3 | |
| 9 | b.o. | 2 | |

**Summary Statistics**

| | |
|---|---|
| Valid cases | 1398 |
| Missing cases | 5 |
| Minimum | 1.0 |
| Maximum | 6.0 |

This variable is numeric

# SERVICE FOR DATA USERS

- Easy online registration
- SEARCH



- Help desk with several manuals published on-line
- Workshops and presence at conferences and summer schools



- Partnership with similar institutions

# SERVICE FOR DATA DEPOSITORS

Counselling, guidelines, tools such as Metadata editor, processing and preparation of acquisition

# SERVICE FOR DATA DEPOSITORS

- Service provider – <u>infrastructural center</u>
- Evaluation of received materials
- Bibliographic reference

**Bibliografije raziskovalcev**

**2.20 Zaključena znanstvena zbirka podatkov ali korpus**

**40.** ADAM, Frane, KRISTAN, Primož, VOJVODIĆ, Ana, RONČEVIĆ, Borut, KALČIĆ, Špela, PODMENIK, Dane, LAMUT, Urša, BESEDNJAK VALIČ, Tamara. *RAZJED10 - Lokalna in regionalna razvojna jedra = [Local and regional developmental cores]* : *[datoteka podatkov]*. Ljubljana: Fakulteta za družbene vede, Arhiv družboslovnih podatkov, [2010]. http://www.adp.fdv.uni-lj.si/opisi/razjed10/. [COBISS.SI-ID 29428061]
kategorija: 2H (Z2); tipologijo je verificiral OSICD
točke: 3.75, št. avtorjev: 8

**41.** MAKAROVIČ, Matej, RONČEVIĆ, Borut, TOMŠIČ, Matevž, BESEDNJAK VALIČ, Tamara. *Slovenski utrip 1/2010* : *družba znanja*. Ljubljana: Fakulteta za družbene vede, Arhiv družboslovnih podatkov, 2010. http://www.adp.fdv.uni-lj.si/opisi/sutr1001/. [COBISS.SI-ID 1024194881]
kategorija: 2H (Z2); tipologijo je verificiral OSICD
točke: 7.5, št. avtorjev: 4

- Potential expansion to areas that are far less represented, including Quali-data, ethnology, economics, pedagogy, psychology etc.

# INTERNAL SERVICE: DIGITAL PRESERVATION



- DEVELOPMENT OF APPICATION ON THE TOP OF FEDORA

- PERSISTENT IDENTIFIER (URN)

- USING SECOND LOCATION

- CERTIFICATION (DSA) AND INCLUSION IN REPOSITORIES

Controlled Vocabularies

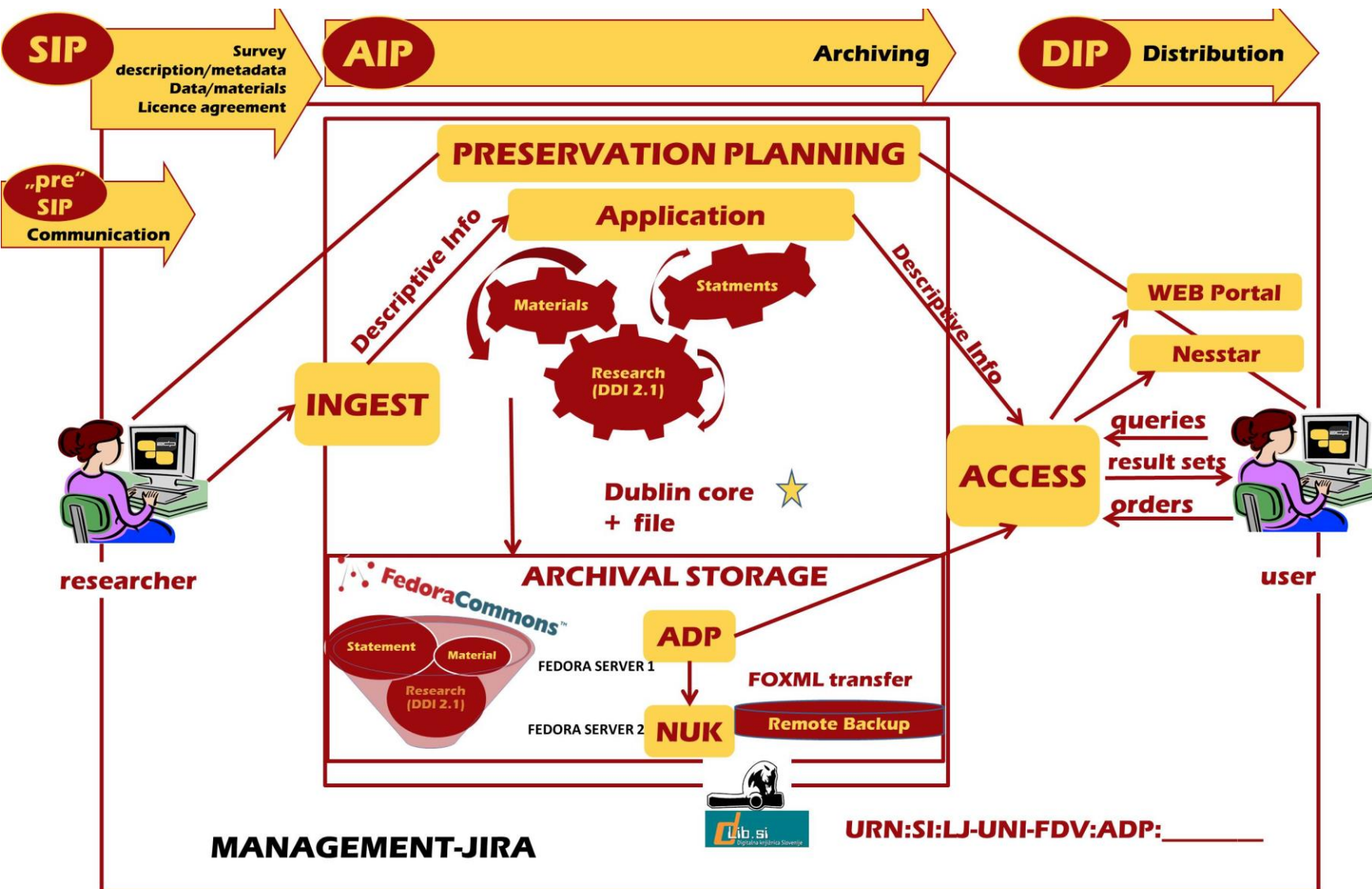| DDI-Codebook | The current version of DDI-C is 2.5. |
| DDI-Lifecycle | DDI 3.1 |

# DEVELOPMENT

Štebe at IASSIST, 2012

# URN  (UNIFORM RESOURCE NAME)

URN:SI:LJ-UNI-FDV:ADP:_____

URN:SI:LJ-UNI-FDV:ADP:SURVEYID        TYPE        VERSION_REVISION

| Type of materials | Suggested appendix | Example |
|---|---|---|
| Related materials | _RM1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_RM1_V1_R1 |
| Related publications | _RP1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_RP1_V1_R1 |
| Other material | _OM1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_OM1_V1_R1 |
| Data file | _D1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_D1_V1_R1 |
| Questionnaire | _Q1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_Q1_V1_R1 |
| Code list | _CL1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_CL1_V1_R1 |
| Syntax | _SY1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_SY_V1_R1 |
| Licence agreement | _LA1_V1_R1 | URN:SI:LJ-UNI-FDV:ADP:SJM011_LA_V1_R1 |

Using two major system functions: the **URN generator** – service defining unique URN record for every object and the **URN resolver** – interpreter that connects a given URN record with a digital object.

**PERSISTENT IDENTIFIER**

# License Agreement in ADP

- **Depositor** (name, institution, position)
- Name of a **survey**
- **Confidentiality** agreement / own copy
- **Copyright (CC + _____ )**
- **Terms of Use** in order to protect the confidentiality of data

Enters into force when **depositor** sign the agreement.

**Attached** – list of deposited materials.

Youth 2010 is licensed under a Creative Commons Attribution-NonCommercial 2.5 Slovenia License. Based on a work at www.adp.fdv.uni-lj.si.

# CONCLUSIONS

- Organisational consolidation
  - Human resources (6 people + students support)
  - Active promotion of service
  - Regular presentations and workshops for users, conference presentations
- New CESSDA
  - National service requirements need to be fulfilled
  - A framework for cooperation in common activities and projects
- Contribute to the national action plan for OPEN RESEARCH DATA based on OECD and EU initiatives
- National networking activities
  - ESFRI and national research infrastructures
  - Open access information point, institutional repository infrastructure building, NUK and dLib
  - SORS, AS, ...

**If you have questions about access to data or data archiving please contact us at**

http://www.adp.fdv.uni-lj.si/

E-mail: arhiv.podatkov@fdv.uni-lj.si