Linking SSH research publications, datasets and infrastructures in research.fi

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Concept definitions as links to controlled vocabularies

- The volume of research is increasing along with the steadily increasing digitization of research and the advent of open science. This puts a pressure on research information systems, which try to work with various research output types (e.g. publications and datasets) and the related information. For Social Sciences and Humanities (SSH), this is even more of an acute issue. When compared to e.g. natural sciences, SSH's representation as various forms of research outputs is often lacking in research databases.

- One track of solutions is national CRIS systems (such as [CRISTin](#) in Norway, [NARCIS](#) in the Netherlands) which aim to provide a realistic and disciplinarily balanced picture on a diverse array of [research outputs](#) produced by various [research organizations](#) in a given country. To achieve this, [metadata](#) for [research outputs](#) need to be consistent and, above all, interoperable. So while common metadata schemas such as CERIF are necessary, at the core of the solution is using [persistent identifiers](#) (PIDs) to enable unambiguous references to research outputs.

Year of research-
based knowledge
2021

Search for information on research in Finland

Search target ▼

For example, publication, field of sci...

Q SEARCH

Search help ▼

Publications
555 821

People
Coming soon

Projects
4 068

Research data
10 223

Infrastructures
131

Other research activities
Coming soon

Organizations
78

The research.fi service collects and interlinks different research information and objects:

1. publications, funding decisions, datasets, research infrastructures and research funding and performing organisations
2. Describes the research objects with well-defined concepts from ontological vocabularies to enable semantic searching

Data object and metadata collection

Harmonisation needs

Disciplinary and organisational data
repositories

- FSD

- University of Jyväskylä

Fairdata.fi

Research.fi

Disciplinary schema needs to be crosswalked to meet the Fairdata data model.

FSD metadata descriptions are harvestable through OAI-PMH.

Fairdata.fi is accessible via REST API and OAI-PMH.

It exposes its own data model¹, but provides crosswalks for metadata exchange to e.g. Datacite², DDI³

Research.fi directly uses the fairdata.fi data, excluding some detail

¹ <https://tietomallit.suomi.fi/model/mrd>

² <https://schema.datacite.org/>

³ <https://ddialliance.org/Specification/>

FSD → fairdata.fi → research.fi

🏠 / Data catalogue / FSD3323

Display study description in English

FSD3323 Small Festival Visitors 2013

Overview Detailed description Variables Publications Download data

Authors

- Kinnunen, Maarit (University of Lapland)

Keywords

cultural events, cultural participation, entertainment, festivals, music

Abstract

The survey charted Finnish small festival visitors' overall experiences of the festivals. Additionally, the study surveyed how the festival organiser's value-based decision-making affected the visitors' experience. The small Finnish music festivals examined in the study included Ilmiö, Kuudes Aisti, Naamat, Pienet Festarit Preerialla and Amyrock.

First, questions concerning the reasons why the respondent visited the small festival, for example, interest in the theme of the festival, the good image of the festival, continuing a tradition of visiting the festival, and just wanting to have fun, were presented. The respondents' opinions on different aspects relating to the small festival they had visited, such as security, queuing, locality of the provided services and food and the use of sponsors, were surveyed next. The respondents were also asked how important several values were for them personally (e.g. power, pleasure, benevolence and tradition). Finally, the respondents' overall satisfaction in the festival was surveyed, and they were asked whether they thought they would attend the event in the future or recommend it to others.

Background variables included the respondent's gender, year of birth, country of citizenship and level of education.

The dataset is (B) available for **research, teaching and study.**

[Download the data](#)

Study description in other languages

- [in Finnish](#)

Related files

- No other files available

Permanent link to this dataset:

<http://urn.fi/urn:nbn:fi:fsd:T-FSD3323>

Direct link to this tab:

https://services.fsd.tuni.fi/catalogue/FSD3323?tab=summary&lang=en&study_language=en

[Study description in machine readable DDI 2.0 format](#)

Metadata record is licensed under a [Creative Commons Attribution 4.0 International](#) license.

FSD → fairdata.fi → research.fi

Dataset
Identifiers and events
Maps

Restricted use
Download dataset metadata

Small Festival Visitors 2013

Creators: [Kinnunen, Maarit](#) & [Kinnunen, Maarit](#)

The survey charted Finnish small festival visitors' overall experiences of the festivals. Additionally, the study surveyed how the festival organiser's value-based decision-making affected the visitors' experience. The small Finnish music festivals examined in the study included Ilmiö, Kuudes Alsti, Naamat, Plenet Festarit Preerilalla and Ämyrock. First, questions concerning the reasons why the respondent visited the small festival, for example, interest in the theme of the festival, the good image of the festival, continuing a tradition of visiting the festival, and just wanting to have fun, were presented. The respondents' opinions on different aspects relating to the small festival they had visited, such as security, queuing, locality of the provided services and food and the use of sponsors, were surveyed next. The respondents were also asked how important several values were for them personally (e.g. power, pleasure, benevolence and tradition). Finally, the respondents' overall satisfaction in the festival was surveyed, and they were asked whether they thought they would attend the event in the future or recommend it to others. Background variables included the respondent's gender, year of birth, country of citizenship and level of education.

[Go to original location](#)

Harvested

TIETOARKISTO
FINNISH SOCIAL SCIENCE
DATA ARCHIVE

Catalog publisher

Finnish Social Science Data Archive and
Consortium of European Social Science
Data Archives

Identifier

URN urn:nbn:fi:fsd:T-FSD3323

Cite

[Copy Citation/References](#)

Field of science

Social sciences

Keywords

festivaalit, kulttuuritapahtumat, tapahtumat, musiikki, arvot, palvelut, elämyspalvelut, ohjelmistot, mielipiteet, cultural events, cultural participation, entertainment, festivals, music, Kultutus ja kuluttajakäyttäytyminen, Kulttuuritoiminta ja -osallistuminen, mielipiteet kulttuurista, Vapaa-aika, matkailu ja urheilu, Consumption and consumer behaviour, Cultural activities and participation, Leisure, tourism and sport

Language

Finnish

Spatial Coverage

Finland

Temporal Coverage

May 18, 2013, 12:00 AM - September 4, 2013, 11:59 PM

License

[Other \(Not Open\)](#) ⓘ

Access

Restricted access for teaching or studying based on contract
Restricted access for research based on contract

Publisher

[Yhteiskuntatieteellinen tietoarkisto](#)

FSD → fairdata.fi → research.fi

Small Festival Visitors 2013

Description The survey charted Finnish small festival visitors' overall experiences of the festivals. Additionally, the study surveyed how the festival organiser's value-based decision-making affected the visitors' experience. The smal...
[Show more](#)

Year of publication 2021

Authors University of Lapland
 Kinnunen, Maarit - Creator
 Yhteiskuntatieteellinen tietokirasto - Publisher

Other information

Fields of science SOCIAL SCIENCES	Language Finnish	Open access Restricted access
License Other (Not Open)	Keywords Leisure, tourism and sport, mielipiteet, Vapaa-aika, matkailu ja urheilu, palvelut, arvot, Consumption and consumer behaviour, Kulutus ja kuluttajakäyttäytyminen,	

LINKS TO THE RESEARCH DATA

URN <urn:nbn:fi:fsd:T-FSD3323>

URL <https://etsin.fairdata.fi/dataset/...>

SEARCH FOR ITEMS RELATED TO THE RESEARCH DATA (COMING SOON)

Publications	Infrastructures
People	Other research activities
Projects	Organizations

SHARE

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SOURCE OF RESEARCH DATA

Finnish Social Science Data Archive
 Metadata portal

Year of research-
based knowledge
2021

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- Collecting the information on the different research outputs is one thing; a lot of work & need to interface with numerous data sources.
- However, producing information on the interconnections between research objects is just as big a challenge – as collection and production of this data is still scattered and incomprehensive.

PID to PID makes a PID graph

- For the information on connections between research objects to be reliable and unambiguous, the connections must be provided as a relation between two persistent identifiers (PIDs)
- In the absence of identifiers, transferring information on the connection between research objects becomes imprecise.
- Use of local identifiers in transfer of this information is not as useful, as the receiver of information cannot use the local identifier to uniquely identify to target –nor can it be resolved.

Sources of connection information

- There are three types of connection information: author-provided with PID, author-provided without PID and inferred. Author-provided could be seen also as curated vs machine generated.
- From FSD we get some connections on related funding decisions and publications and to other datasets. However these are sometimes just text or with local identifiers.
- Development is underway for VIRTAs information collection to incorporate PIDded references to e.g. datasets or for use by e.g. research.fi

Metadata collection and connection

Enabling creation of connections at the source

- Authors are often not aware of the PIDs, or don't have them on hand. Filling a form full of text to provide metadata is not great.
- The idea is that research.fi will provide an API, where services such as FSD or fairdata.fi can access the PIded metadata on authors, publications, funding decisions, organisations – so that when an author provides metadata for a dataset this metadata is initially created with PID-PID linkages
- Additionally after the metadata on a dataset has travelled from FSD to research.fi, it might have become enriched with new connection information, and this enriched metadata can now be provided back to FSD.

We are still not there!

- Where do I provide the information on the relationship of this presentation(a) to the ICTeSSH 2021 conference (b), to the related conference paper (c) in the proceedings (d), to the author's Orcids (e-h), to the FSD research infrastructure (i), the fairdata.fi(j) and research.fi (k) services, to the organisational affiliations of the authors (l-m) in the context of this presentation – in a machine actionable format?
- We need a global PID resolver that can resolve a PID of any type, and possibly be used to machine actionably query metadata on that PID in a standardised format.

Thank you for listening - and if
you want to talk on these topics,
please get in touch!

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