Perscido

Integration of new functionalities on a Web Platform

Thomas Lerchundi
supervisors : Fabrice Jouanot & Marie-Christine Rousset

Summary

-Work environment

-Project presentation :Perscido

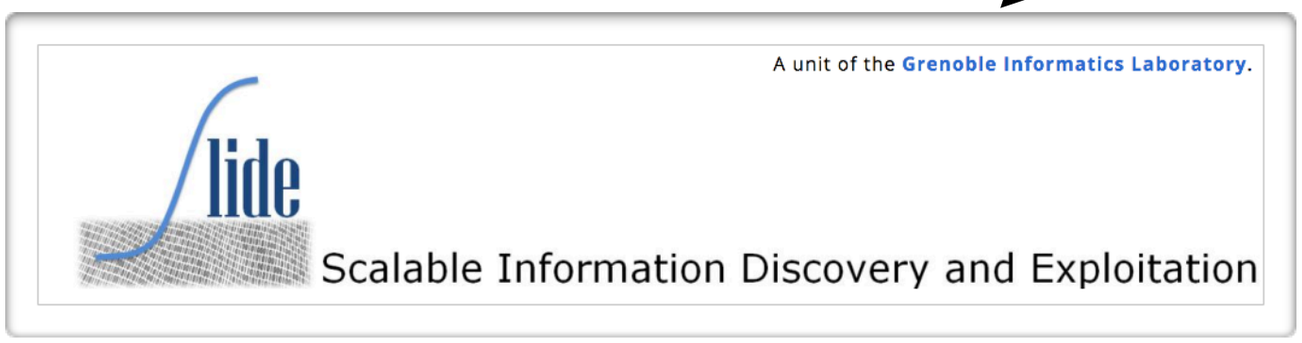
-Objectives

-Technical solutions

Work environment

research teams

the engineer team



Work environment

2 supervisors : Fabrice Jouanot and Marie-Christine Rousset (SLIDE)

2 engineers : Alireza Moussaie and Pierre Hébert (Gricad)

Project : Perscido

Initial Project : Persyval (Pervasive Systems and Algorithms)

-10 labs & 800 researchers

Needed a web platform to share and use their data and their results with each other -> Perscido

Perscido

PerSCiDO SPARQL Query Submit a new dataset Login

PERSYVAL-Lab

PerSCiDO facilitates the exploration of research datasets.

Share your research datasets using PerSCiDO!

UNIVERSITÉ Grenoble Alpes

ANR

Numbers

Datasets: 7
Downloaded: 17
Publications:54

Explore PerSCiDO research data collections and related publications

Search terms... search

Submit a new dataset

Recent datasets

Recently Published | By Scientific Field | By Data types | Size 4 Gb

2017 Jan 23 Open Trace data

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor: Vania Marangozova-Martin

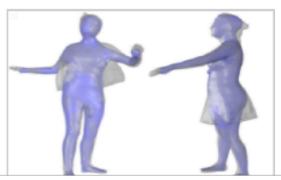
This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

2016 Nov 27 Open Video data

Kinovis dressed human bodies in motion dataset

Depositor: Stefanie Wuhrer

Benchmark containing 3D motion sequences of 6 different subjects performing 3 motions in 3 different clothing styles each captured with the Kinovis platform at Inria Grenoble Rhone-Alpes.



News

New version of Perscido Project on 2016/06/01
03/06/2016

Presentation of PerSCiDO at data4ist day (Paris, May 23, 2016)
03/06/2016

Requesting data isn't harassment, and refusing to share data isn't science

Numbers

Datasets: 7
Downloaded: 17
Publications:54

2017 January 23 | Trace data | Execution Trace | Open

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor Vania Marangozova-Martin

This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

Read me file

readmtxt	2017 03 19	2 172 Ko

Url of the dataset

https://persyval-platform.imag.fr/benchmarking.php

Institution/Laboratory:
Laboratoire d'Informatique de Grenoble

External Identifiers:

Subjects:
Computer Science

Keywords:
trace, benchmark, execution, linux, kernel, lttng, CTF, phoronix

Citation:
Phoronix LTTng Execution Traces

Numbers

Datasets: 7
Downloaded: 17
Publications:54

2017 January 23 | Trace data | Execution Trace | Open

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor Vania Marangozova-Martin

This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

Read me file

readmtxt	2017 03 19	2 172 Ko

Url of the dataset

https://persyval-platform.imag.fr/benchmarking.php

Institution/Laboratory:
Laboratoire d'Informatique de Grenoble

External Identifiers:

Subjects:
Computer Science

Keywords:
trace, benchmark, execution, linux, kernel, lttng, CTF, phoronix

Citation:
Phoronix LTTng Execution Traces

Numbers

Datasets: 7
Downloaded: 17
Publications:54

2017 January 23 | Trace data | Execution Trace | Open

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor Vania Marangozova-Martin

This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

Read me file

readmtxt	2017 03 19	2 172 Ko

Url of the dataset

https://persyval-platform.imag.fr/benchmarking.php

Institution/Laboratory:
Laboratoire d'Informatique de Grenoble

External Identifiers:

Subjects:
Computer Science

Keywords:
trace, benchmark, execution, linux, kernel, lttng, CTF, phoronix

Citation:
Phoronix LTTng Execution Traces

Numbers

Datasets: 7
Downloaded: 17
Publications:54

2017 January 23 | Trace data | Execution Trace | Open

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor Vania Marangozova-Martin

This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

Read me file

readmtxt	2017 03 19	2 172 Ko

Url of the dataset

https://persyval-platform.imag.fr/benchmarking.php

Institution/Laboratory:
Laboratoire d'Informatique de Grenoble

External Identifiers:

Subjects:
Computer Science

Keywords:
trace, benchmark, execution, linux, kernel, lttng, CTF, phoronix

Citation:
Phoronix LTTng Execution Traces

Perscido

PerSCiDO SPARQL Query Submit a new dataset Login

PERSYVAL-Lab

PerSCiDO facilitates the exploration of research datasets.

Share your research datasets using PerSCiDO!

UNIVERSITÉ Grenoble Alpes

ANR

Numbers

Datasets: 7
Downloaded: 17
Publications:54

Explore PerSCiDO research data collections and related publications

Search terms... search

Submit a new dataset

Recent datasets

Recently Published | By Scientific Field | By Data types | Size 4 Gb

2017 Jan 23 Open Trace data

LTTng Execution Traces of 10 Phoronix Benchmarks

Depositor: Vania Marangozova-Martin

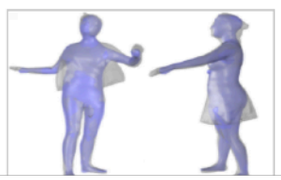
This dataset contains the execution traces of 10 Phoronix benchmarks (e.g. compress-gzip, ffmpeg, iozone, network-loopback, phpbench, pybench, ramspeed, scimark2, stream, unpack-linux). The traces concern three different tracing configurations (kernel, memory, performance counters) and 32 runs per configuration. They have been obtained on a standard Linux machine.

2016 Nov 27 Open Video data

Kinovis dressed human bodies in motion dataset

Depositor: Stefanie Wuhrer

Benchmark containing 3D motion sequences of 6 different subjects performing 3 motions in 3 different clothing styles each captured with the Kinovis platform at Inria Grenoble Rhone-Alpes.



News

New version of Perscido Project on 2016/06/01
03/06/2016

Presentation of PerSCiDO at data4ist day (Paris, May 23, 2016)
03/06/2016

Requesting data isn't harassment, and refusing to share data isn't science

1.General Information | 2.Content Description | 3.Datatype Content | 4.Data Access

Please describe your dataset in as much detail as possible. A detailed description will make it easier for others to find your dataset in PerSCiDO.

Fields marked with an asterisk(*) are required. For more information on expected content for a field, mouse over the? icon.

Title of your dataset:*

Description: *

Keywords:*

Scientific Field: *

- Physics
- Agriculture
- Information Technology
- Ethnology
- Geology
- History
- Arts and Medias
- Medicine
- Materials Science
- Behavioural Sciences
- Mathematics
- Geography
- Biochemistry
- Economy
- Environmental Science and Ecology
- Computer Science
- Engineering
- Linguistics
- Architecture
- Chemistry
- Astrophysics and Astronomy
- Social Sciences
- Biology
- Other

Related publications to your dataset

The DOI, HAL or Url of a related publication | The identifier type

+

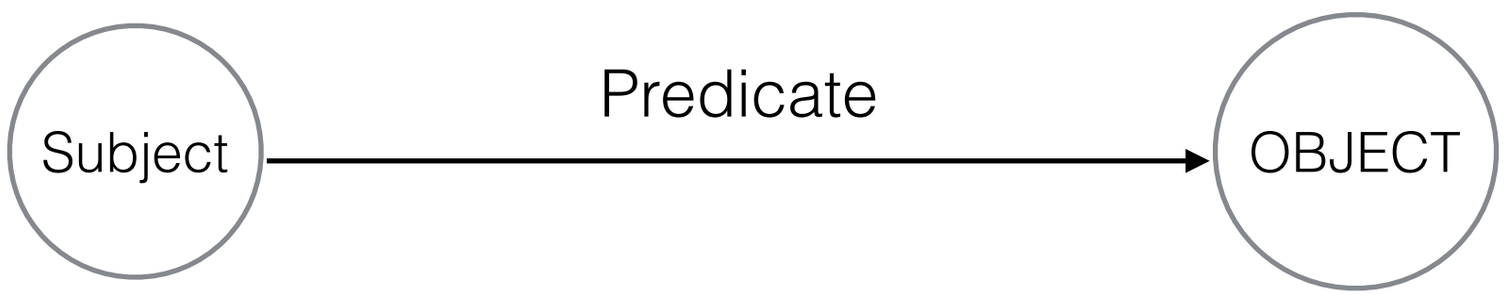
Next

How does it work?

Datasets are described with the Semantic Web ’s concepts

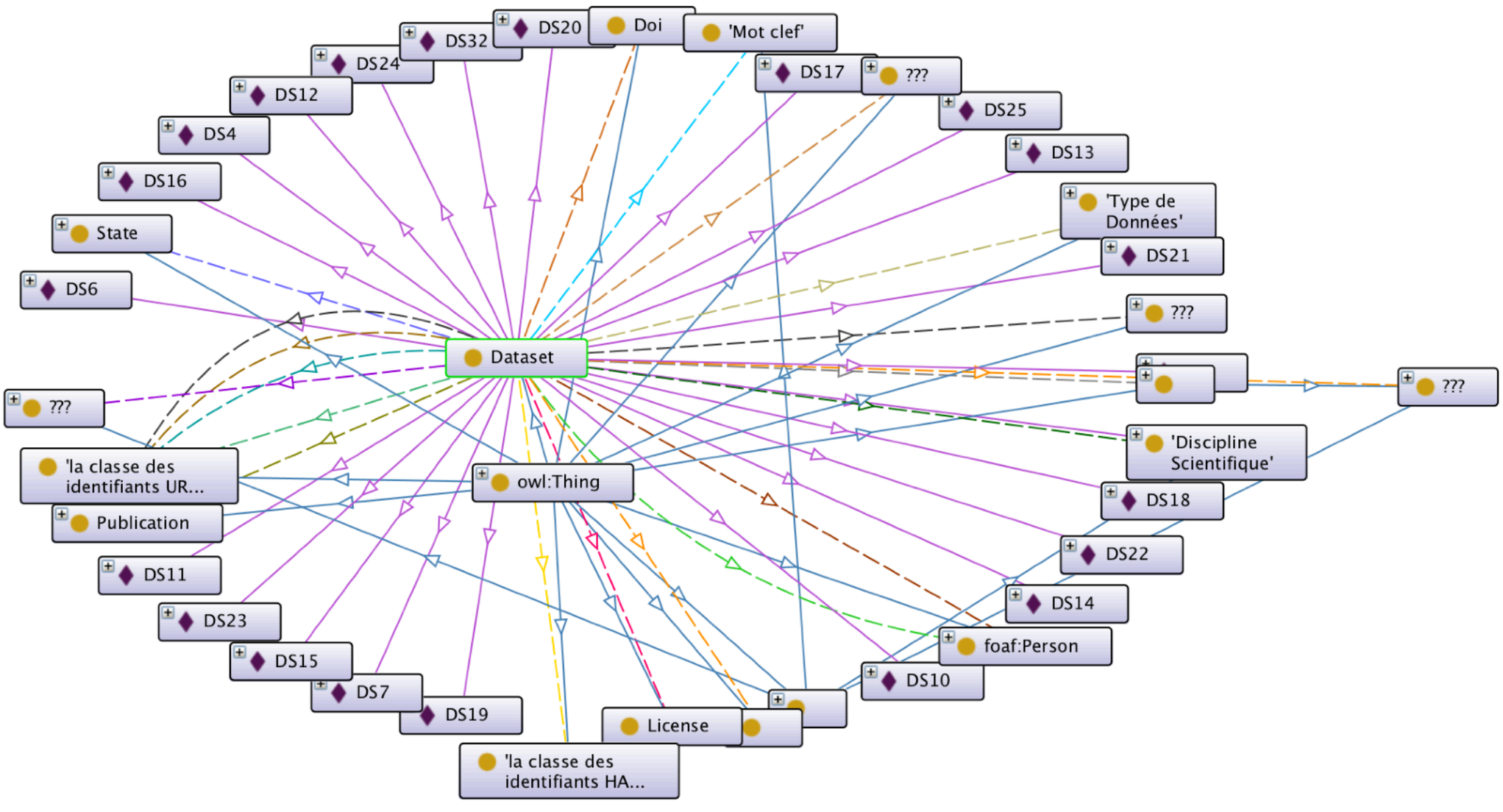
The Semantic Web is an extension of the Web through standards by the World Wide Web Consortium (W3C). The standards promote common data formats and exchange protocols on the Web, most fundamentally the Resource Description Framework (RDF).

Triple RDF

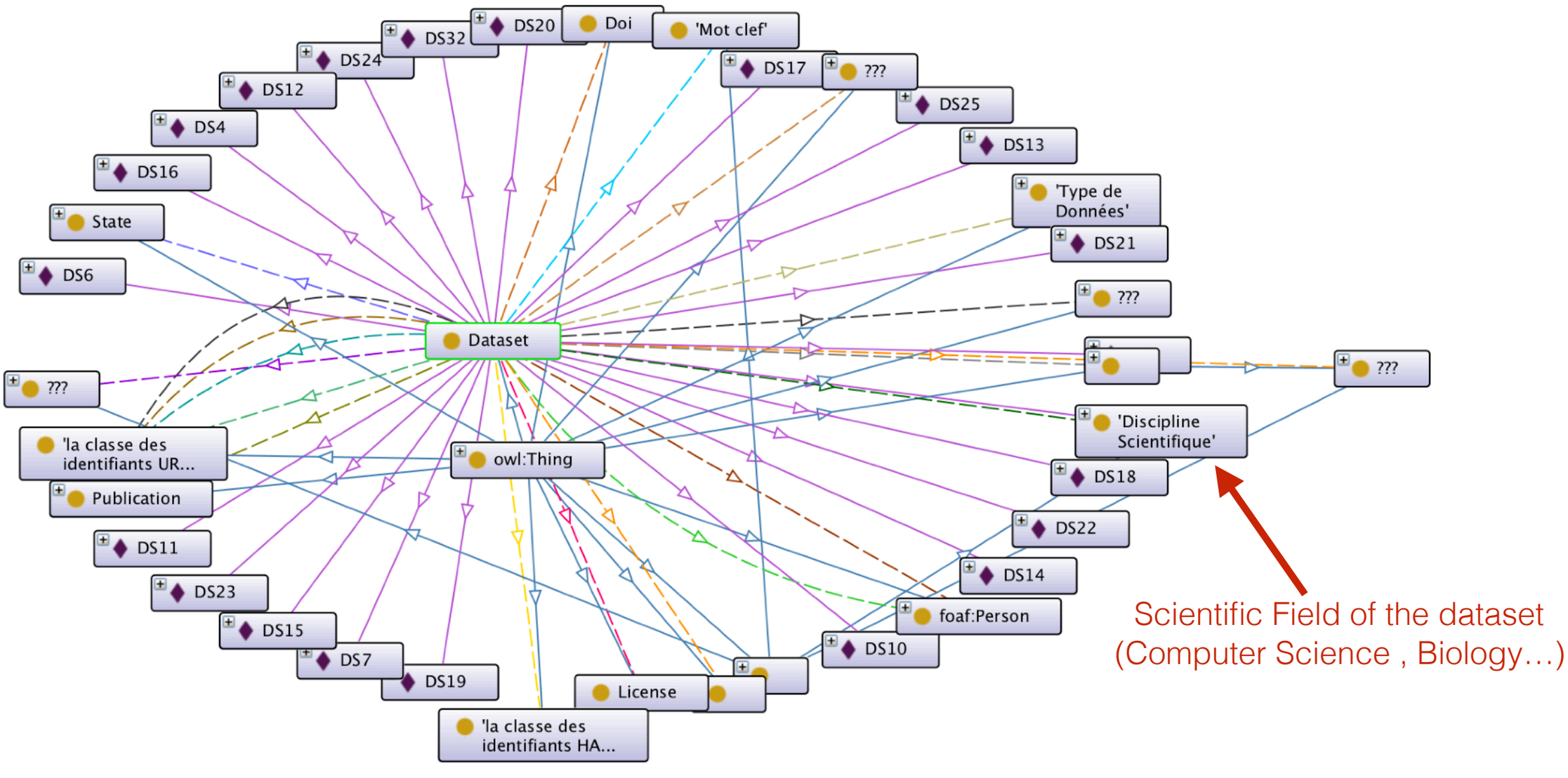


Web Ontology Language (Owl) : Provides consistancy for the model

Datasets links displays



Datasets links displays



Implementation

-Implemented with Symfony2

-Symfony2 is a framework in PHP

-Provides a MVC architecture for the code

-Provides modules and services in order to facilitate and accelerate the development of web sites.

-Example of Module :

Objectives of improvement

- Concerns only the **Upload part** of Perscido

Problem :

The metadata of the datasets can change. If they do, the user interface will need to be changed too and adapt itself.

-> generate the user interface from an ontology will make the interface dynamic when changes occur.

Plate-forme Persscido – Chromium

localhost/perscido/web/app.php/user/DS37/general_information3

PerSCiDO SPARQL Query New dataset Log out lerchunt

1.General Information | 2.Content Description | 3.Datatype Content | 4.Data Access

Please describe your dataset in as much detail as possible. A detailed description will make it easier for others to find your dataset in PerSCiDO.
Fields marked with an asterisk(*) are required. For more information on expected content for a field, mouse over the? icon.

Title of your dataset:*

Description: *

Keywords:*

Scientific Field: *

- Physics
- Agriculture
- Information Technology
- Ethnology
- Geology
- History
- Arts and Medias
- Medicine
- Materials Science
- Behavioural Sciences
- Mathematics
- Geography
- Biochemistry
- Economy
- Environmental Science and Ecology
- Computer Science
- Engineering
- Linguistics
- Architecture
- Chemistry
- Astrophysics and Astronomy
- Social Sciences
- Biology
- Other

Related publications to your dataset

The DOI, HAL or Url of a related publication | The identifier type

+

Next

Plate-forme Persscido – Chromium

localhost/perscido/web/app.php/user/DS37/contentdescription2

Applications | WD: TP 3 | Plateforme Moo | Gmail | FUN - Web sémar | https://www.w3 | https://raw.gith

PerSCiDO | SPARQL Query | New dataset | Log out | lerchunt

PERSYVAL-Lab

FINANCÉ PAR ANR — INVESTISSEMENTS D'AVENIR

1.General Information | 2.Content Description | 3.Datatype Content | 4.Data Access

Please describe your dataset in as much detail as possible. A detailed description will make it easier for others to find your dataset in PerSCiDO.

Fields marked with an asterisk(*) are required. For more information on expected content for a field, mouse over the? icon.

Please select the data type of your dataset

If your dataset has been processed for an automatic task,

please select the corresponding task(s) below

- Anomaly detection
- Classification
- Clustering
- Dimension reduction
- Grammatical inference
- Pattern extraction
- Prediction
- Preference learning
- Regression analysis
- Rule extraction
- Visualisation
- Other

Next

base.AboutUs
base.TermsConditions

PERSYVAL-Lab

UNIVERSITÉ Grenoble

Plate-forme Perss... | Bureau | lerchunt@lerchu... | OntologyID(Anon... | OntologieV2.ttl (... | FR | 17:29

2 Sides

-Modelizing the ontology

-How to describe a graphic user interface in a new ontology?
-Use this model to describe the user interface of Perscido (the upload part only)
-Link the meta data of the datasets with the components of the interface

Generate the View with Symfony2 with this ontology

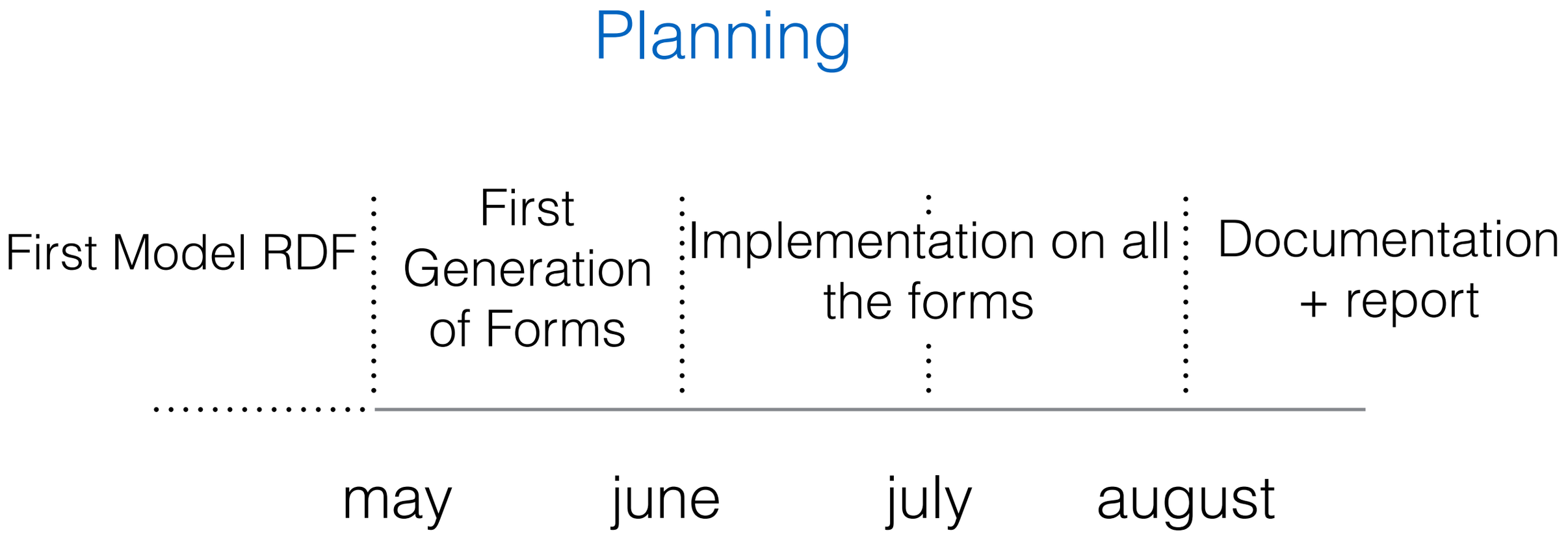
-generate all the forms by analyzing the Ontology

Need to switch of side

Final Work expected

-A proof of concept
-with good reusability to be integrated in a future version of Perscido

Planning



Conclusion

My expectations