Prêt-à-LLOD

Overview of the Sustainability Plans of the ICT-29b) Projects

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HORIZON 2020 [1]

6 Funded Projects in Call ICT-29b

gourmet
Global Under Resourced MEdia Translation

(Cross-Lingual Embeddings for Less-Represented Languages in European News Media)

ELITR

(European Live Translator)

EMB ED DIA

(Cross-Lingual Embeddings for Less-Represented Languages in European News Media)

COMPRISE

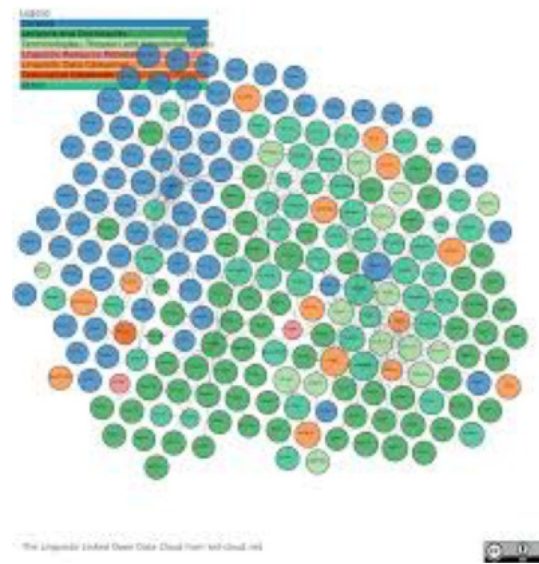(Cost-Effective, Multilingual, Privacy-driven, Voice-enabled Services)

Bergamot
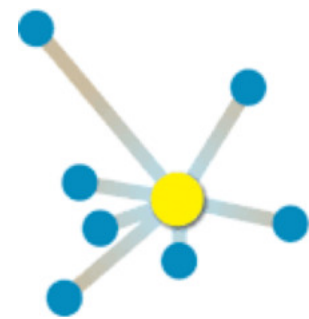(Browser-based Multilingual Translation)

Prêt-à-LLOD

(Ready-to-use Multilingual Linked Language Data for Knowledge Services across Sectors)

Related Infrastructures

Linguistic Linked Open Data cloud

European Language Grid

European Language Resource Coordination
Connecting Europe Facility

elexis — european lexicographic infrastructure

EUROPEAN LANGUAGE ASSOCIATION RESOURCES — ELRA

LDC Linguistic Data Consortium

CLARIN — Common Language Resources and Technology Infrastructure

CLARIN - European Research Infrastructure for Language Resources and Technology

DARIAH-EU

A network to enhance and support digitally enabled research and teaching across the Arts and Humanities

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Standards and Metadata
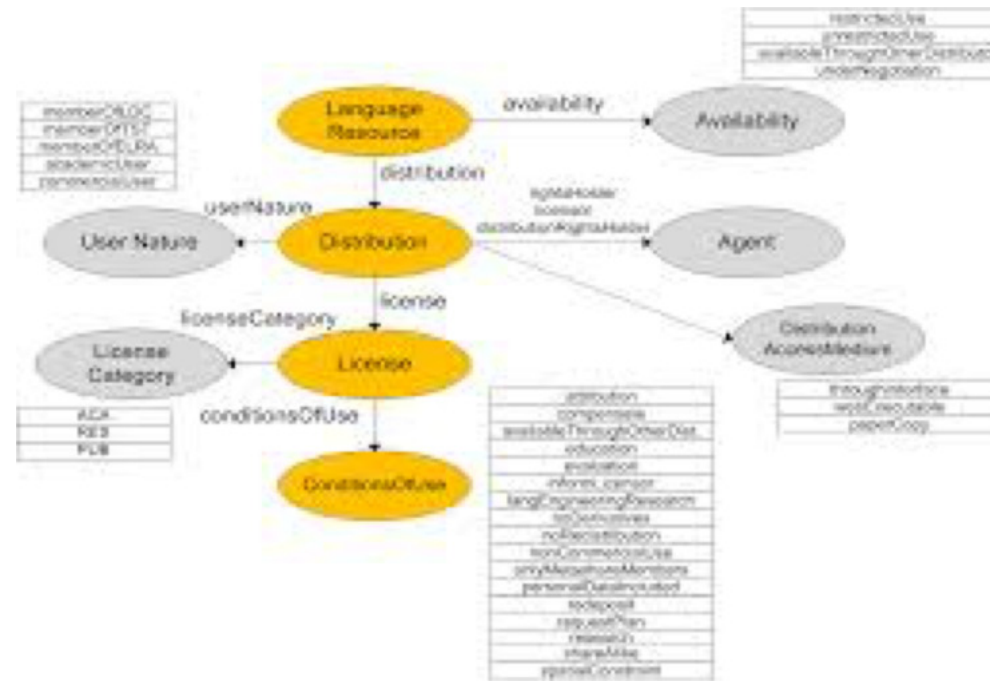
**Metadata for
licenses,
past Lider
project**

**Discover language
resources
for your needs**

Git

Open Source Software

Container Cluster Management Software (Docker, Kubernetes, OpenShift)

Application Environment w/ Containers

End Users

Applications

docker

OPENSHIFT

Containerization (e.g., Docker)

open source initiative

OPEN KNOWLEDGE FOUNDATION
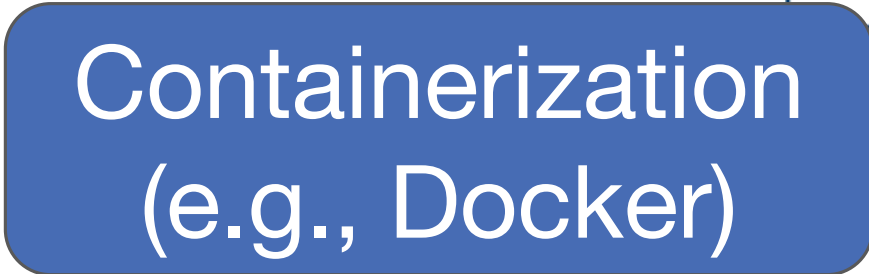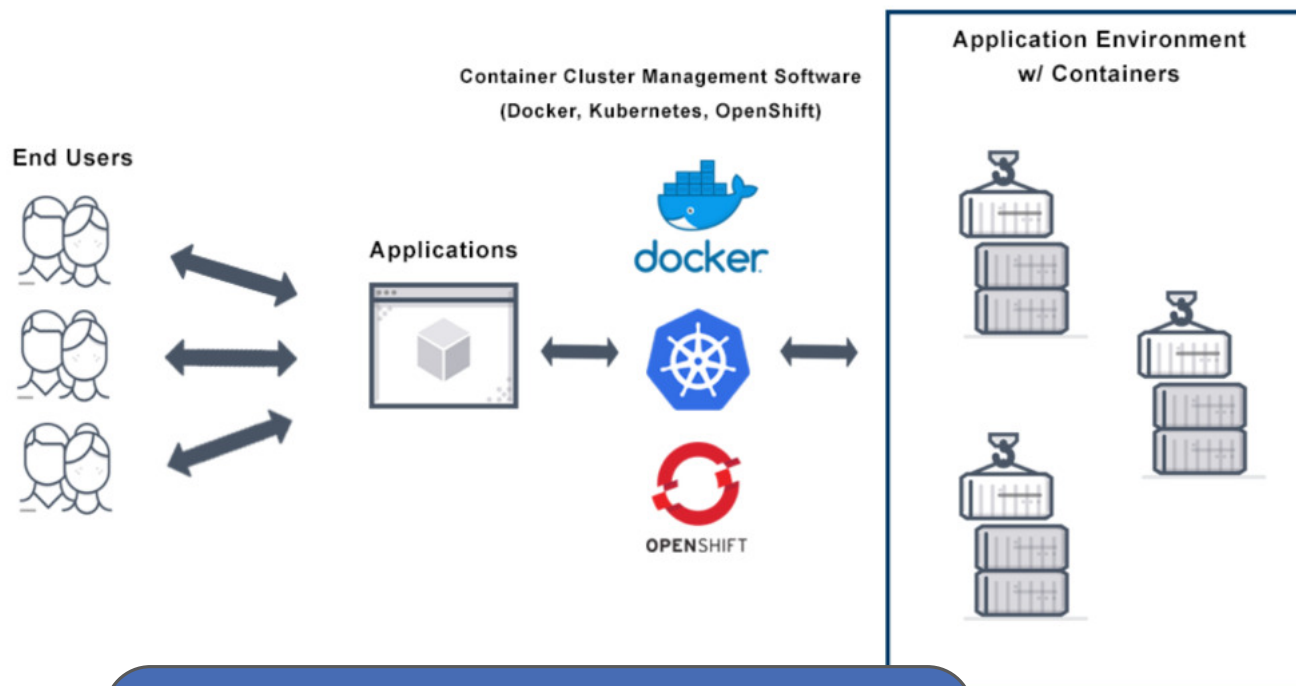
Training Activities (Prêt-à-LLOD)

ESSLLI 2019
31st European Summer School in Logic, Language and Information
August 5-16, 2019, Riga, Latvia

Spring School
Linked Data and the Semantic
Web for Humanities research

LiSeH 2019

Graz, Austria, 23-27
April 2019

Summer Datathon on Linguistic Linked Open Data, Dagstuhl 2019

Sustainability in Prêt-à-LLOD

The Prêt-à-LLOD project includes a **work package** dedicated to "**Sustainability and Community Building**"

- Therefore compiling information on **sustainability strategies in the partner projects** funded in the H2020 Research and Innovation Action, "Domain-specific/challenge-oriented Human Language Technology"
- This is a first step towards the generation of a document that will address the issue of **sustainability for the field of language technology** in general.

The specific technological contribution of Prêt-à-LLOD consists of developing tools to **combine language services and resources into complex pipelines** by use of semantic technologies. This leads to sustainable data offers and services that can be deployed to many platforms, including as-yet-unknown platforms, and can be **self-described with linked data semantics**

Sustainability in Prêt-à-LLOD (II)

By means of declarative metadata firmly grounded in Semantic Web **standards**, the Prêt-à-LLOD project achieves both a higher level of **portability** than previously known, as well as improved **metadata transparency**, sustainability and re-usability. Besides, Prêt-à-LLOD contributes with an intense work around standardisation activities with standardised formats for resources, models for metadata, portable services based on **open standards**, **vocabularies** and **best practices**, that will be available as part of a sustainable **data value chain**.

Notable work of Prêt-à-LLOD is dedicated to the further development of W3C community standards, like **OntoLex-Lemon** and **NLP Interchange Format (NIF)**

Summary

- Providing data, tools and services to **ELG**
- Contributing to other infrastructures: **CLARIN, DARIAH, ELEXIS, LINDAT**
- Standardisation work (**W3C**, **ISO**, **OASIS**, …)
- Open sources deliveries (**GitHub**)
- Training and **education**
- **Dissemination** in journals and conferences
- Public Engagement (press, blogs, social media etc.)

Thanks.
Questions?