

Data Quanta: the linked data sales platform!

Platform allowing entities to share their valuable data as linked open data or paid version.



Contact information

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Technological Offers type

Technological solutions

Research and innovation areas

- Digital Technologies, Artificial Intelligence, Cybersecurity, 5G, Robotics

ODS



Available from: 2020

Where?

[Ontology Engineering Group](#)

Keywords: | [data](#) | [digital](#) | [linguistic resources](#)

Brief description of the technology solution and the added value it provides

Data Quanta facilitates your data economic exploitation by publishing them as Linked Data and offering them available-for-sale either individually or aggregated. The OEG-UPM research group broadens its open data publishing experience to the private data.

Description of the technological base

Publishing data as Linked Data means that it will be connected with existing data in the global data cloud (Linked Data Cloud) ensuring its intelligibility, maximizing its interoperability and giving it a whole new value relating it to the other resources.

Data Quanta doesn't only improve the accessibility and dissemination of data, but also its economic exploitation, allowing its sale at any level of aggregation, from a single data in exchange for a micro-payment to more complex payment terms for sets of data.

The areas of application are mainly related to digital content: linguistic resources, data of machines and sensors, personal data.

“Providing data under Semantic Web standards allows its inclusion in commercial data catalogues aimed at humans and machines”

Market demands

Linguistic Resources

- The current translation process is strongly based on automatic tools and linguistic resources whose quality determines its efficiency and quality.
- It is a fragmented market with small enterprises that use these resources, but also, generate them and keep them as assets. Some of these resources are terminologies, lexicons, dictionaries, glosses etc that are atomic. Data Quanta allows its exchange at this level.

Internet of Things

- The data generated by sensors is often the result of a costly endeavor. Data mining algorithms will be able to use individual data offered by Data Quanta data marketplace.

Personalised Advertising

- Websites publishing personalized advertising have the need to know the visitor. In turn, they collect data that may be of interest to other advertisers. Data Quanta sets up the market to trade with this data.

Competitive advantages

- Relational Data easy transformation into Linked Data.
- First sales platform for linked data with different levels of granularity.
- Data search by license and / or price.

Previous references

- The OEG-UPM research group has published Linked Data in collaboration with the National Geographic Institute, AEMET, the National Library and Fundeu and Prisa Digital Group. It also maintains the Spanish chapter of DBpedia and actively participates in the W3C standardization groups.

Intellectual property

Software registration granted in Spain M-8815/2014

Development stage

- Concept
- R&D
- **Lab Prototype**
- Industrial Prototype
- Production

Contact

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