

Thesaurus Management  
Text Mining  
Big Data & Linked (Open) Data

**Tool Demo, 20.06. 2012**  
**Using Open Data Workshop**  
**W3C, Brussels, Belgium**

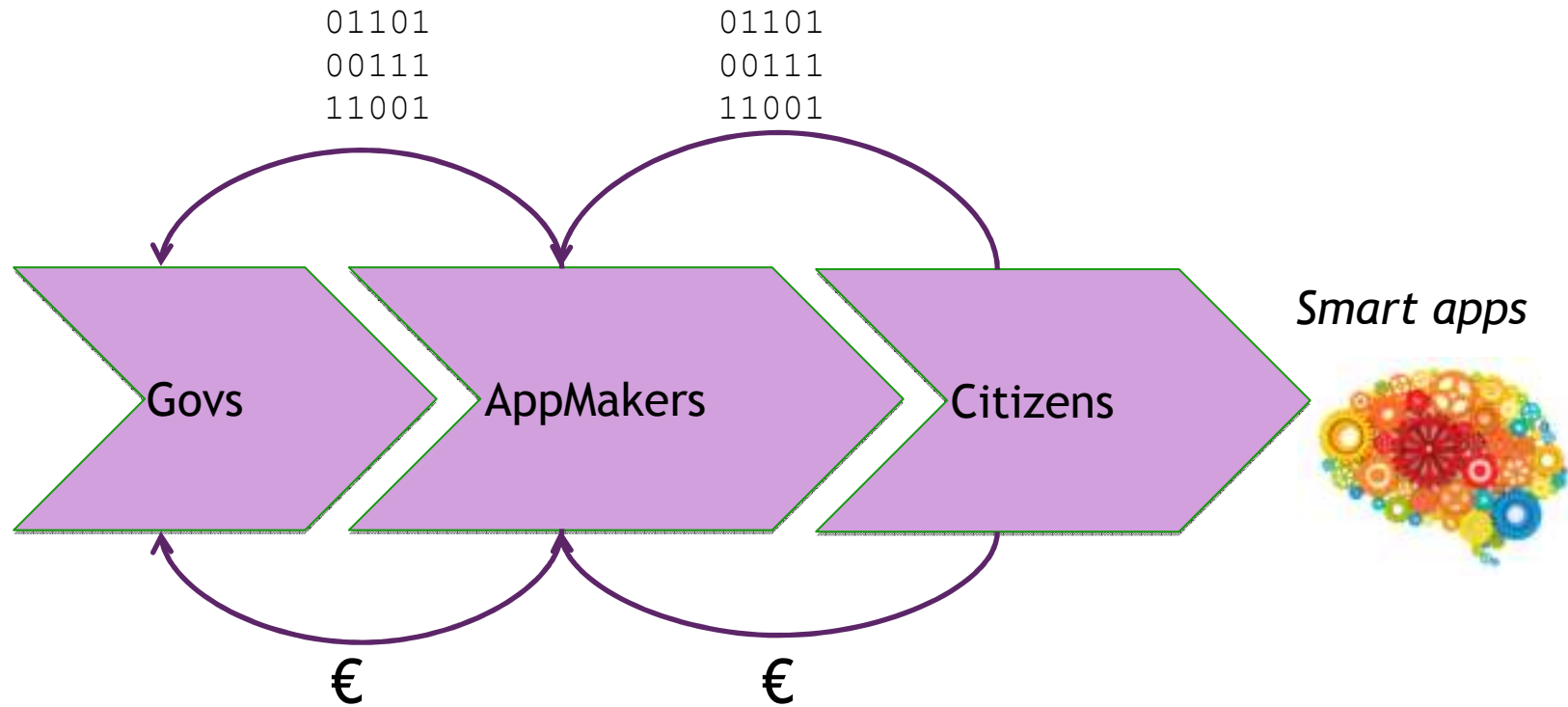
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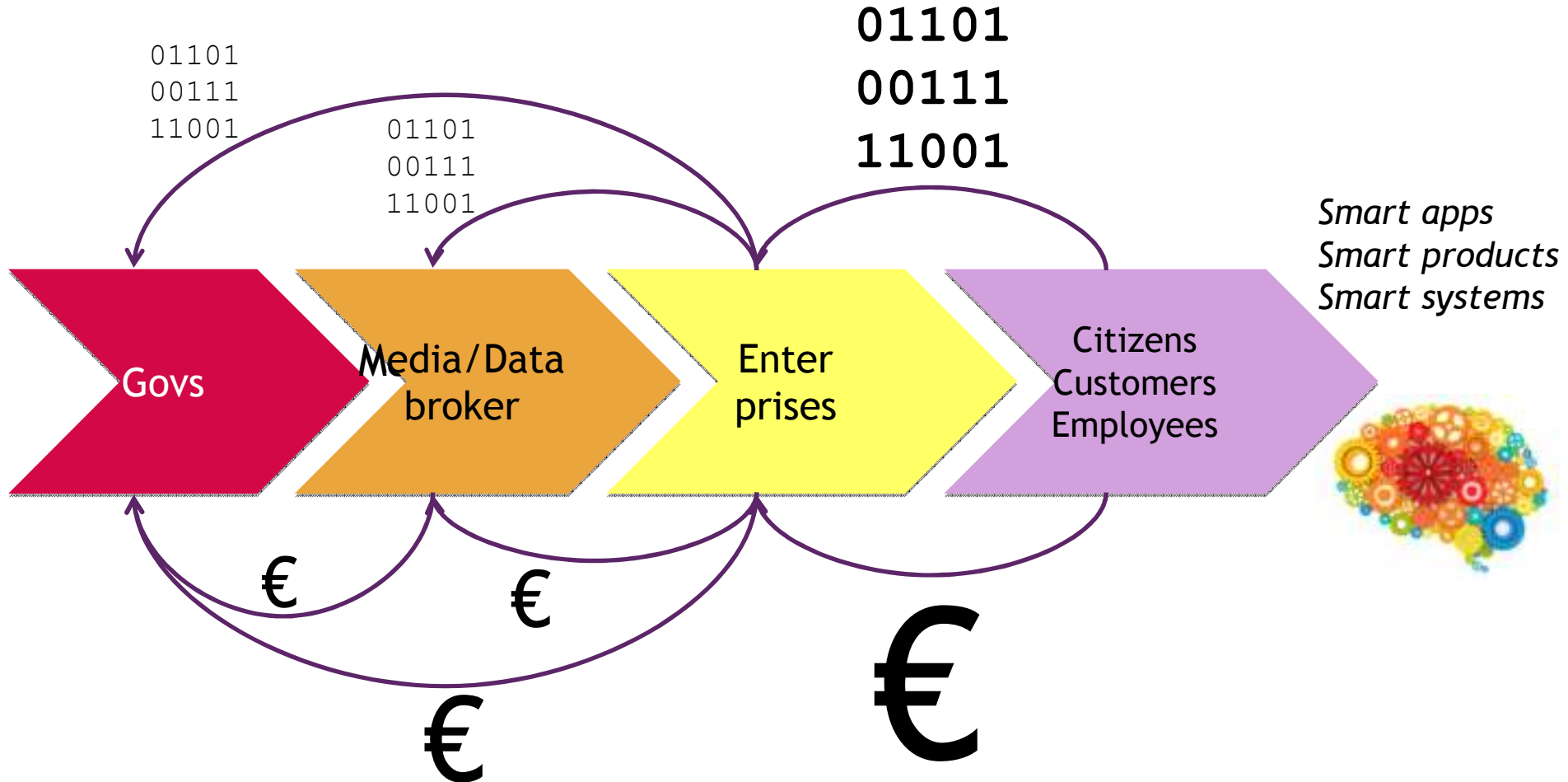
# Open Data 1.0

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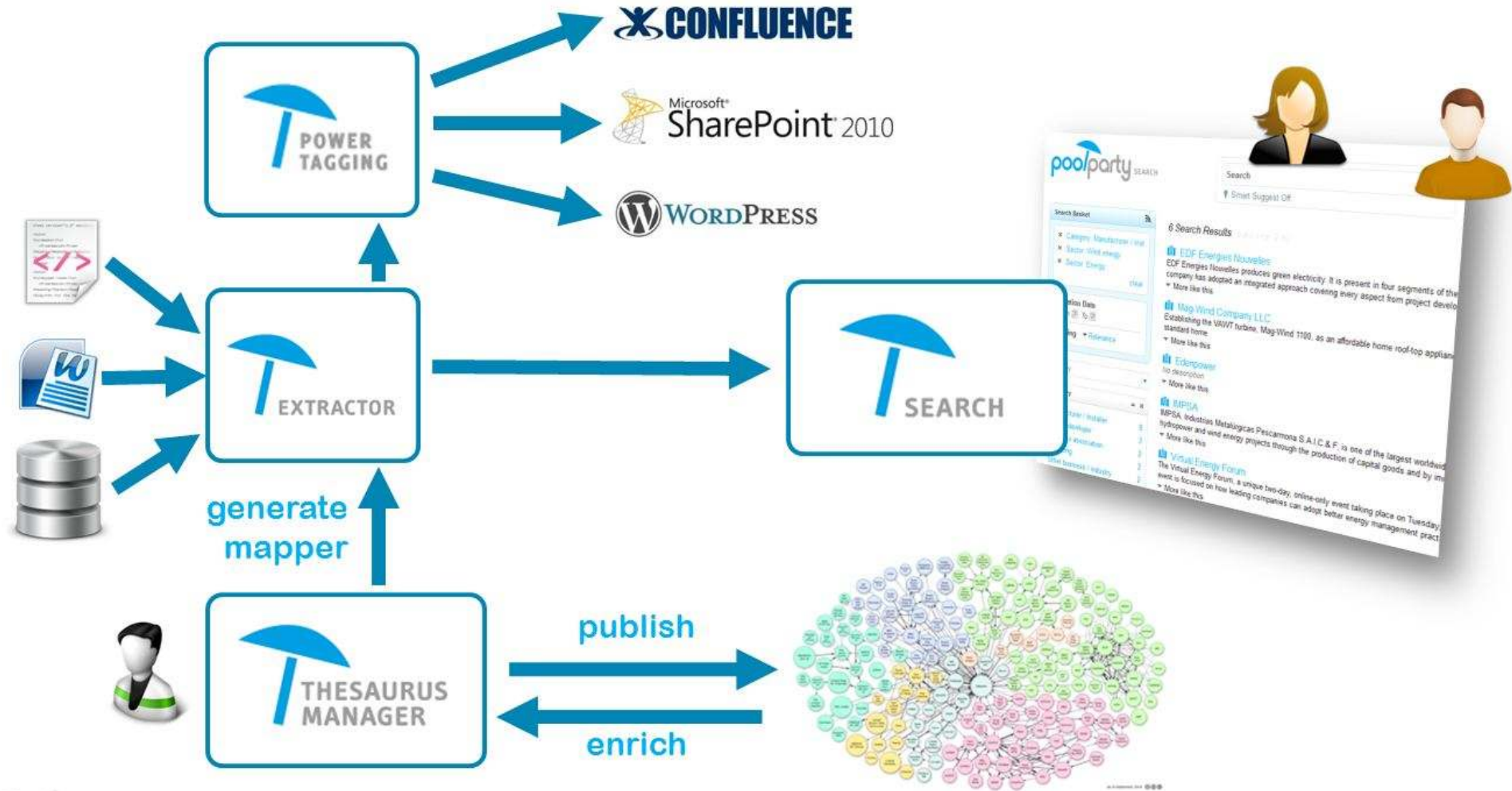


# Open Data 2.0





# PoolParty architecture





# PPT in a nutshell

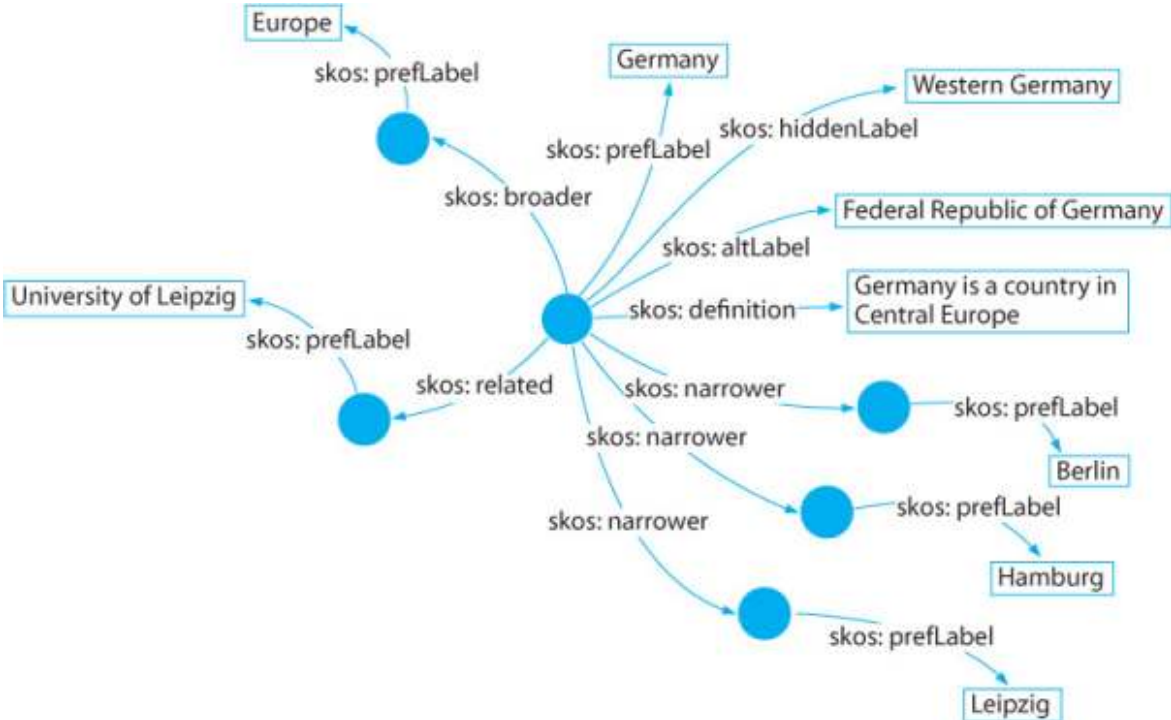


- **Usability:** PoolParty provides an easy-to-use, web-based AJAX user interface
- **W3C Semantic Web standards:** Management & maintenance of multi-lingual (corporate) thesauri & taxonomies on top of Semantic Web standards (SKOS, RDF, OWL & SPARQL)
- **Enterprise ready:** PoolParty Server is based on scalable RDF Triple Stores (SAIL), incl. reasoner, (Solr) index engine and a phrase-extraction component
- **System integration:** PoolParty Server offers a Java-API & several interfaces: HTTP/REST, SPARQL endpoint, Linked Data



# SKOS – Simple Knowledge Organization System

- W3C Standard since 2009
- Based on Semantic Web standards
- Open for linking with additional linked data





## Use cases

### ***Semantic Inperoperability***

*Data Integration*

*Faceted Browsing*

*Similar Documents Recommender*

### ***Corporate Thesauri***

*Tag Recommendations*

*Multilingual Search*

*Semantic Search Engines*

*Linked Data Enrichments*

*Autocomplete Functions*

***Linked (Open) Data Publishing***

## Customers

Credit Suisse, British Museum, Roche, Telekom Austria, Wolters Kluwer, Education Services Australia, REEEP, Staatliche Museen zu Berlin, City of Vienna, Geological Survey of Austria, Biogen Idec, University of Glasgow, Centre for Ecology & Hydrology



# PoolParty Demo

- **PoolParty Thesaurus Management (PPT)**  
<http://prod.poolparty.biz/PoolParty/>
- **Linked Open Data Publishing: Examples**
  - **SSW:** <http://vocabulary.semantic-web.at/semweb.html>  
(PoolParty uses ADMS- example)
  - **Wolters Kluwer (WKD):** <http://vocabulary.wolterskluwer.de/>
  - **reegle.info:** <http://www.reegle.info/glossary>
- **What to do with this? Demo on extraction and recommendation**  
<http://poolparty.biz/try-it/demozone/>





# Get in contact!



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