PANACEA's objective is to join together a number of advanced interoperable tools to build a factory of Language Resources
A production line that automates the stages involved in the acquisition, production, updating and maintenance of the LR required by MT and other Language Technologies.
Cost and time reduction by automation is the only way to ensure the continuous supply of LR that can guarantee a LT industry covering all languages, all domains, for current and future needs, and in the time required by the market.
The challenges

• Interoperability for the easy integration of robust, scalable web service-deployed components.
• Handling the impact of dealing with massive data.
• Research for increasing accuracy in automatic acquisition & production methods.
• Gain credibility about the industrial use of available automatic acquisition technologies by introducing ready to use tools, with confidence indicators and which give priority to high precision results.
First products ..
Also Available …

The Language Resource Factory …

Bilingual lexica

TMX aligned texts

Intelligent crawling

Rich information lexica

Verbal SCF induction

MWU detection

PANACEA - Platform for the Automatic, Normalized Annotation and Cost-Effective Acquisition of Language Resources
The platform

- More than 110 interoperable web services
- Building workflows with Taverna (Hull et al., 2006)
- The PANACEA Registry is a BioCatalogue instance (Belhajjame et al., 2008)
- The PANACEA sharing space is a myExperiment instance (De Roure et al., 2008)
myPanaceaExperiment currently has 12 members, 0 groups, 39 workflows, 6 files and 0 packs.
DEMO’s 2012

- **EACL 2012** (Avignon, 23-27 April)
- **LREC 2012** (Istambul, 23-25 May)
- **Localization World 2012** (Paris, 4-6 June)
- **LT-Innovate** (Brussels, 19 June)
- **META-FORUM** (Brussels, 20-21 June)
Ongoing ...

Before the end of the project in December 2012, PANACEA wants to address more industrial needs and is seeking collaboration with LT industries.

Let us devise a solution tailored to your needs!

info@panacea-lr.eu
Thanks!

Keep visiting www.panacea-lr.eu to access PANACEA’s results and available web services and workflows.
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