



PROMISE

Participative Research labOratory for Multimedia and
Multilingual Information Systems Evaluation



About PROMISE

Information systems need to handle multimedia and multilingual data which makes the task to build new and better such systems ever more demanding, whether in a research or an industrial setting. Experiments, evaluation and testing is a necessary part of that process PROMISE aims to help.

PROMISE will provide a virtual and open laboratory for conducting participative research and experimentation in which it will be possible to carry out, advance and bring automation into the evaluation and benchmarking of complex multimedia and multilingual information systems, by facilitating management and offering access, curation, preservation, re-use, analysis, visualization, and mining of the collected experimental data.

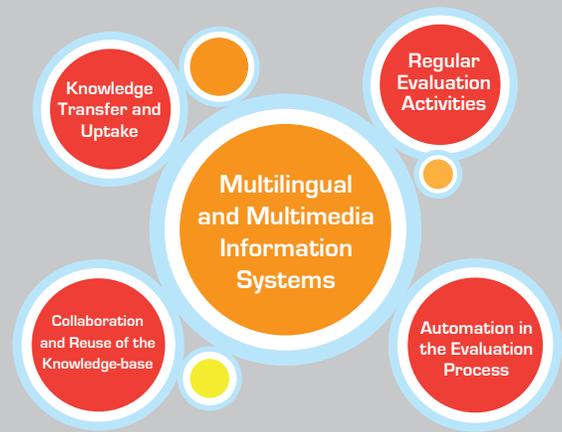
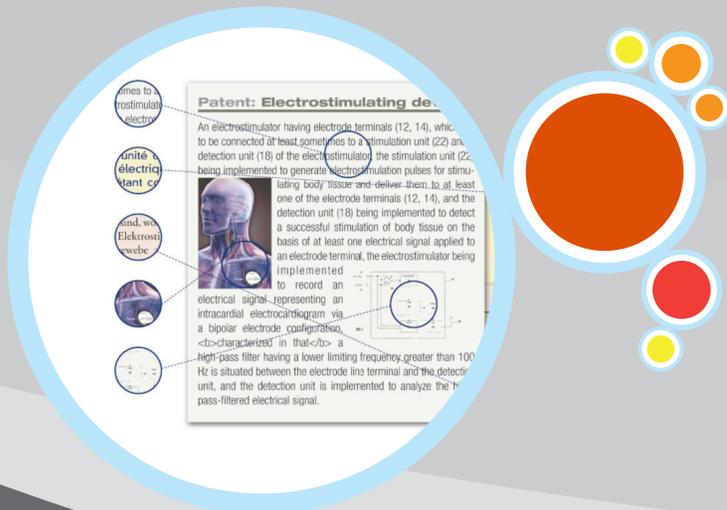
PROMISE Facts

- Network of Excellence co-funded by 7th Framework Program of the European Commission, grant agreement no. 258191
- Coordinated by the University of Padua
- 10 partners from 7 countries
- Sept 2010 - Aug 2013 (36 months)

PROMISE action lines

PROMISE will pursue the action lines:

- **Foster the adoption of regular and thorough experimental evaluation activities.** **PROMISE** will rely on large data sets; tackle realistic tasks and use cases; advance the evaluation methodologies to better support the envisioned tasks and use cases; involve large developer and researcher communities; provide a proper evaluation infrastructure to support the evaluation activities; continue and innovate the successful Cross-Language Evaluation Forum (CLEF) campaigns.
- **Bring automation into the experimental evaluation process:** **PROMISE** will propose methods and provide tools for the creation of larger experimental collections and increase the number and the size of the conducted experiments.



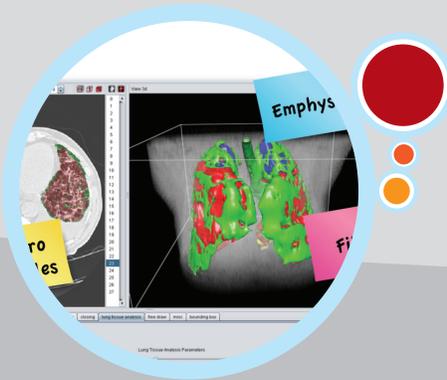
- **Promote collaboration and re-use over the acquired knowledge-base:** **PROMISE** will curate, preserve, and enrich the collected experimental data and provide the means for an easy comparison with and a meaningful interpretation and visualization of the experimental results.
- **Stimulate knowledge transfer and uptake:** **PROMISE** will disseminate know-how, tools, and best practices about multilingual and multimedia information systems; facilitate the uptake and participation by commercial entities and industries.

PROMISE use cases

- **Unlocking culture** will deal with information access to cultural heritage material held in large-scale digital libraries.



- **Search for innovation** will deal with patent search and its peculiar requirements to seek out a standardized method and framework for evaluating different tools for the intellectual property.
- **Visual clinical decision support** will deal with visual information connected with text in the radiology domain.



Work package overview

WP1 - Management and Reporting

Nicola Ferro, UNIPD

WP2 - Stakeholders Involvement and Technology Transfer

Jussi Karlgren, SICS

WP3 - Evaluation Infrastructure

Maristella Agosti, UNIPD

WP4 - Evaluation Metrics and Methodologies

Maarten de Rijke, UvA

WP5 - Collaboration and Knowledge Sharing

Giuseppe Santucci, ROMA1

WP6 - Evaluation Activities

Henning Müller, HES-SO

WP7 - Dissemination, IPR, and Resources

Khalid Choukri, ELDA

Partners

University of Padua (UNIPD), Italy

Swedish Institute of Computer Science (SICS), Sweden

University of Amsterdam (UvA), The Netherlands

Sapienza University of Roma (ROMA1), Italy

University of Applied Sciences Western Switzerland (HES-SO), Switzerland

Information Retrieval Facility (IRF), Austria

Zürich University of Applied Sciences (ZHAW), Switzerland

Humboldt-Universität zu Berlin (UBER), Germany

Evaluations and Language resources Distribution Agency (ELDA), France

Centre for the Evaluation of Language and Communication Technology (CELCT), Italy

Contacts

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