RENDER
Reflecting Knowledge Diversity

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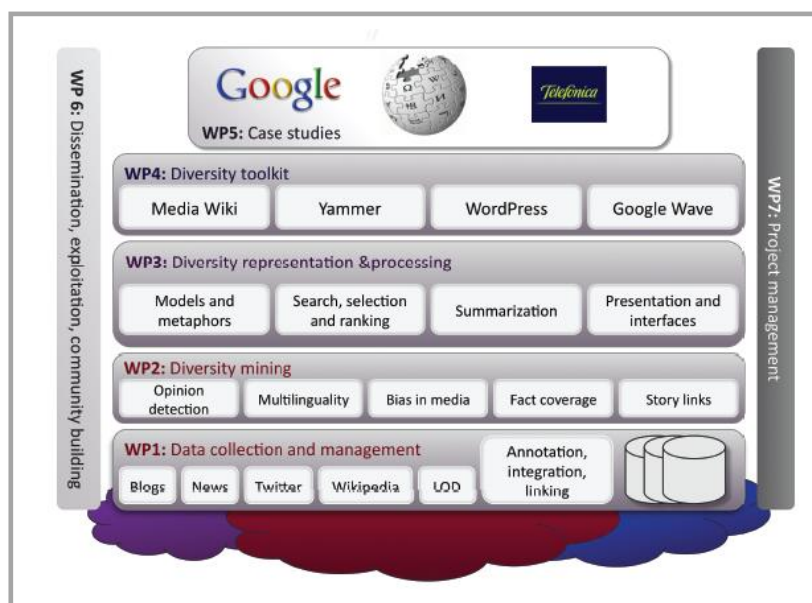
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MISSION

The Web has proved to be an unprecedented success for facilitating the publication, use and exchange of information, at planetary scale, on virtually every topic, and representing an amazing diversity of opinions, mind sets and backgrounds. Its design principles and core technological components have lead to an unprecedented growth and mass collaboration. Nevertheless, the Web is also confronted with fundamental challenges with respect to the purposeful access, processing and management of these sheer amounts of information, whilst remaining true to its principles,

and leveraging the diversity inherently un-folding through world wide scale collaboration.

RENDER will engage with these challenges by developing methods, techniques, software and data sets that will leverage **diversity as a crucial source of innovation and creativity**.

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SUMMARY OF ACTIVITIES

Since its kick-off in October 2010 the activities undertaken in the RENDER project had two aims.

Our first aim was to achieve a joint understanding of the core concepts of our R&D agenda as a pre-requisite for an early integration of the technical work packages. In particular, we have initiated the conceptual work to devise a comprehensive **diversity model** which will be shared among the two research streams of the project, namely diversity mining and diversity representation and management. In addition, we have started working on the **fact mining prototype**, developing a system for annotating text at various levels, from detecting entities and linking them to Semantic Web datasets, to extracting and disambiguating facts and representing them visually.

Our second aim was to set the foundations for the upcoming development work, which will be carried out in the case studies, and for the diversity toolkit. For this purpose, we have built an initial version of the **data management infrastructure** of the project, which is essential to structure the **data collection**. We have identified the different types of data which need to be managed within the project (news, blogs, tweets, ontologies, linked data and other factual knowledge) and defined a data organization approach based on the so-called reference-ontology pyramid, including: PROTON, UMBEL, OpenCyc, and FactForge. These public data sources will be complemented by case study-specific ones. In the case studies the focus has been on providing access to relevant data sources and on the **requirements analysis** of the future showcases.

In the near future we will finalize the data management infrastructure and the collection of data sets required to evaluate the research and development work on diversity mining, representation and management. We will deliver first prototypical diversity-aware tools for collaborative editing and blogging, as well as for fact mining, and define the set-up of our case studies.

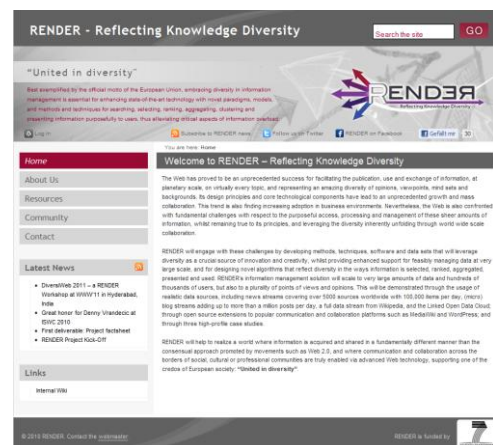# Find out more! www.render-project.eu

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USER INVOLVEMENT, PROMOTION AND AWARENESS

RENDER has pursued first important activities to increase community awareness and involvement. The project has set up its Web presence and blog.

The RENDER website
offers a wide variety of information for all interested parties. Besides general information on the project, its goals and case studies, and its partners, the website offers research results and publications as well as different press materials like the project factsheet and flyer, and related information. We issued press releases on the project start and main objectives, and will do so with regard to all important milestones and events.

Visit the Project website: www.render-project.eu

Further measures include project profiles at the Web 2.0 platforms Facebook and Twitter, by which the consortium maintains links to the relevant communities and disseminates announcements of its most important achievements and latest news. Last, but not least a RENDER workshop proposal on diversity management has been accepted and will be organized at the next World Wide Web conference in India in March, 2011.