

Project Fact Sheet

REVEAL THIS

REtrieval of VidEo And Language for The Home user in an Information Society

Action Line: Cross-media content for leisure and entertainment

REVEAL THIS addresses a basic need underlying content organisation, filtering, consumption and enjoyment by developing content programming systems that will help European citizens keep up with the explosion of digital content scattered over different platforms (radio, TV, World Wide Web, etc), different media (speech, text, image, video) and different languages. People should be spending most of their leisure time enjoying the content, not searching for it. *REVEAL THIS aims at developing content programming technology able to capture, semantically index, categorise and cross-link multiplatform, multimedia and multilingual digital content, as well as provide the system user with semantic search, retrieval, summarisation and translation functionalities.* Content providers will use the technology to offer personalized content as a service, while the end-user version will be embedded in a Personalized Entertainment System (PES) that largely relieves users from tedious search for valuable content. The innovative aspects of the project spring out of the main scientific and technological challenges: 1) semantic enrichment of multilingual multimedia content with topic, entity and fact information relevant to user profiles; 2) development of suitable cross-language, cross-media representations; and 3) deployment of the above in building search, retrieval, classification and summarization capabilities. We will exploit explicit cross-media links and implicit links uncovered by methods such as latent semantic analysis and kernel canonical correlation analysis. Adequate cross-language capabilities (cross-language information retrieval, categorization and machine translation of indicative summaries) will be provided by the latest statistical machine translation technology.

Project details	
Project Reference: FP6-IST-511689	Contract Type: <i>Specific Targeted Research Project</i>
Start Date: 1 November 2004	
Duration: 30 months	
Project Cost: 3.49 million euro	Project Funding: 2.30 million euro
Project Website: http://www.reveal-this.org	

Coordinator	
Contact Person:	Organisation:
Name: Piperidis, Stelios Email: spip@ilsp.gr	INSTITUTE FOR LANGUAGE AND SPEECH PROCESSING (ILSP) ARTEMIDOS 6 & EPIDAVROU 151-25, ATHENS GREECE

Participant Organization: SAIL LABS TECHNOLOGY AG	Country: AUSTRIA
Participant Organization: XEROX RESEARCH CENTRE EUROPE	Country: FRANCE
Participant Organization: KATHOLIEKE UNIVERSITEIT LEUVEN	Country: BELGIUM
Participant Organization: UNIVERSITY OF STRATHCLYDE	Country: UNITED KINGDOM
Participant Organization: BeTV	Country: BELGIUM
Participant Organization: TV Eyes	Country: UNITED KINGDOM