

R&D NEM Cluster Proposal Multimedia Content Search (MCS)

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Abstract:

As Multimedia content archives/repositories are huge and are continuously growing: accessing, distributing and sharing this content in the general public and professional context are becoming among the most challenging issues from the technical point of view and presenting big economical impact.

Multimedia/Rich-Media Content Search must include, however, the related environment such as the generation, modelling, handling and managing of metadata as well as the inclusion/linkage of the search into the production process (work flow) of content generation (for professional users) and into the process flow of end-user actions. Note that end-users themselves may produce content ("prosumers"). General public content consumers are becoming more and more producers themselves via Web2.0 tools and will thus become user of metadata generation tools (and generate metadata themselves). Advanced methods and products for content indexing (automatic metadata generation) as well as efficient content searching tools represent a crucial investigation domain for Europe in the upcoming years.

We think that it's relevant for NEM having a "group of interest" dealing with this strategic objective gathering experts from several domains: technology providers, content owners, including prospecting for new uses-cases and new services to better exploit, access and reuse the generated content.

This R&D cluster will work in the topic of content search engines:

- to provide input to NEM SRA in the related areas: Content, Enabling technologies, Applications.
- to promote joint events (concertation, sessions in professional or scientific exhibitions) with other EU projects in the field
- to help FP7 projects proposals to build up consortia