

CTIC Foundation's position on ExpertFinder initiative

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Abstract

We present our activity lines in connection with the ExpertFinder initiative.

1 About CTIC Foundation

CTIC Foundation (Centre for the Development of Information and Communication Technologies in Asturias) is a private non-profit institution, set up in 2003 and founded by the Regional Government of the Principality of Asturias and a Consortium of regional private companies in the field of Information and Communication Technologies. CTIC Foundation was set up with the objective of promoting and encouraging activities related with the development of Information and Communication Technologies (ICT) in every economic, institutional and social sector, which can contribute to the development and improvement of the community of Asturias. In order to reach this goal, CTIC Foundation aims to disseminate and develop the Information Society in general and more specifically ICTs, both in the business and institutional fields, including the ICT approach to citizens, as well as acting as the regional Information Society Observatory. Although CTIC Foundation has recently been set up (2003), both the managing and the working teams have been participating in Information Society related projects and initiatives for over 10 years. In particular, CTIC Foundation has great experience

in the field of web Technologies research: Web Accessibility, Semantic web and Mobile web.

CTIC Foundation houses the W3C Spanish Office, and two people from our research staff participate in working groups of the W3C Semantic Web Activity.

2 Current projects

Some of our current and next projects connected with the ExpertFinder initiative are:

- Morfeo MyMobileWeb, a project funded by the Spanish Science and Technology Department, that has also recently been granted the European Eureka-CELTIC label. In this project, CTIC is the partner in charge of the ontologies that have to describe the user profile and navigation context. In order to achieve these objectives, we extend the FOAF ontology with new classes and properties. The data is later used to give customized recommendations and links.
- Generation of customized turistic routes. We are developing a project for one of the biggest cities in Spain that aims to offer each visitor a different, customized route through the city based on his profile. Therefore, we are building ontologies to capture the user profile and the features of the city points-of-interest, and we are also developing algorithms to match them.
- CTIC and one local SME are in advanced negotiations with one multinational company for launching a project supported by local funding. The aim of this project is to develop a prototype based on ontologies and semantic web for characterisation of H.R. tools, while at the same time, integrate expertise and competences in dynamic profiles.

In addition, some of our researchers are involved in the SWAML project¹, a collection of scripts that generate SIOC instances from mailboxes (typically, mailing list archives), and even enrich them with additional information extracted from FOAF files. The project features a KML export tool (that can be used to plot the location of mailing list members on a map) and a GUI to browse and query the SIOC data.

¹<http://swaml.berlios.de/>