

Programul Operațional Sectorial “Creșterea Competitivității Economice”
“Investiții pentru viitorul dumneavoastră”



**Framework pentru compunerea serviciilor, bazat pe ontologii
pentru agregarea cunoștințelor și informațiilor din clădiri inteligente**

- proiect cofinanțat prin Fondul European de Dezvoltare Regională -

NEWSLETTER SEPTEMBER 2010

Event

The project “**Framework for service composition based on ontologies for the aggregation of knowledge and information for intelligent buildings “ (FCINT)** has started in June 2010, in Sectorial Operational Program „Enhancing economic competitiveness” 2007 – 2013, Priority Axis 2 „Competitiveness through research, technological development, and innovation”, Operation 2.1.2 „R&D Projects of high scientific level with participation of foreign experts”.

The “FCINT” project main objective is to create a framework for intelligent building management using service oriented computing and Web 2.0. in order to meet:

- the increasing need for energy saving and the complex task of intelligent building management
- the large number of device manufacturers and device communication standards, and therefore a need for high-level abstraction in heterogeneous environments
- the needs for scalability and multi-tenancy of a facility management software solution
- today’s state-of-the art practices in software engineering

The main deliverable of the project will be a web portal where:

USERS will be able to:

- Register
- Specify their devices or ask the system to discover them automatically
- Easily define monitoring and control policies for their devices to increase energy efficiency and quality of living
- Run the policies on-site to create a smart home environment
- Manage their home devices remotely

DEVELOPERS will be able to:

- publish, search, discover and compose services

DEVICE MANUFACTURERS will be able to:

- publish their product drivers as services such that they can be invoked dynamically at policies run-time

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