



WT2.14: Universidad Carlos III, Madrid

Leader Radosław Michalski

Report

Activities performed during the visit

in Universidad Carlos III, Madrid

period: 13.12.2015 -16.12.2015

author: Bogumiła Hnatkowska



Personal Information

Mr./Ms. Bogumiła Hnatkowska, faculty member of Wrocław University of Technology, Poland, visited Universidad Carlos III, Madrid, Spain, in the period from 13.12.2015 to 16.12.2015 in order to carry out research and training activities in the field of software engineering (requirements engineering, requirements quality).

Information about Seminars

The seminar presentation was organized on 15.12.2015, 11:00.

It was entitled: (Towards) Business rules patterns

Description of scientific activities

(Please describe value added to the ENGINE project i.e. new knowledge, new skills with respect to the objectives of the project, the assigned common area of future cooperation with the partner, plans for common research, projects, publications and how it could be used in the scope of ENGINE)

New knowledge and new skills:

Jose Alvarez-Rodriguez showed me the main functions of Knowledge Manager (a tool for defining ontologies, and requirement patterns) as well as Requirement Authoring Tool (a tool for defining and accessing quality of requirements, where the requirements pattern can be reused).

Common area of future cooperation:

It has been agreed that further collaboration within the project will be concentrated on: requirements quality in general, and business rules pattern in particular (e.g. patterns definition, consistency checking). I'm going to familiarize myself with the set of tools produced by the REUSE company offering support in the above mentioned areas.

Plans for common research, projects, publications

Publications in the area of requirements quality (patterns for business rules, consistency between inference rules).

Information referring to the intellectual property

(the generally binding law in this area in the visited country and procedures of patenting);

Spanish Office for patents and trademarks (OEPM) presents the basic information at (in Spanish): <http://www.oepm.es/es/index.html>

Complete Legal Framework for intellectual property and industrial rights, transposed from the European Union are available at (in Spanish): http://noticias.juridicas.com/base_datos/Admin/rdleg1-1996.html

The university hold partial intellectual and industrial rights in everything that was elaborated at the university (within final degree projects, PhD thesis, research projects etc.). A professor can set up a new company (spin-off) but can only hold a small part of it (about 10%).

The researchers try to patent everything they can event if the chance for commercialization is small.

Description of the cooperation between universities and industry

(how it is organized in partner's organization, the sources of funding, the opinions about drawbacks and strengths of existing solution).

There exists three basic types of collaboration between Universities and Industry:

- Academic (PhD, final degree projects) - R & D, prototyping, testing (public funding)
- Research projects performed as parts of Main research programs - R & D, Leading and management of partnerships project, Technology and innovation transfer (public funding),
- Private contracts - development of dedicated solutions, R & D for third parties (private funding).

Technology transfer office (OTRI) is established at most universities to support research activities. That office is responsible for monitoring new projects, preparation of project proposals, management of intellectual and industrial rights, creation of incubators. The existence of the office allows the researcher to concentrate rather on main topic than on bureaucracy (e.g. budget).

In order to speed up the contracts many Universities have also an associated, non-profit, foundation. Universities can also be served by private companies which similar responsibilities of OTRI.

Other activities

None.

REMARK: Apart from this information also a program of the visit and the presentation in electronic version should be given to the project office (please send all of them to Urszula.Markowska-Kaczmar@pwr.wroc.pl). Please respond to the points 1-5 for outgoing visit and points 1-3 for incoming visit. Point 6 is for extra activities that are not put in points 1-5.