

Open Source Coders ChAllenge for Romanians

OSCAR



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Summary

From an idea...

Organizers and Partners

What is OSCAR?

OSCAR – research part

Target

Objectives

Projects and research themes (proposals) for this year

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From an idea...

To make something interesting for youngs and students
passionate for programming and open source

Contribute at global OSS development

To be a unique event in Romania

Not a contest, just a challenge

To involve youngs and students into open source

Organizers

Faculty of Computer Science Iasi - www.infoiasi.ro

Computer Science Students Association - www.asii.ro

Co - Organizers

Linux Users Group Iasi

WebGroup

Partners

Pro Linux Foundation

What is OSCAR?

- to help the development of open source technology by finding alternative solutions and establishing partnerships between the academic environment and Romanian IT industry

It is the only event of this kind in Romania, involving communities with experience and those willing to learn, OSCAR contributes to the FLOSS development globally

This project promotes creativity and inventivity of the young participants

OSCAR – research part

4 research groups

- each of them developing during the 4 months research activities on a chosen topic
- with the possibility of it to be continued during the next year too
- each research group will be coordinated by one ore more persons from the academic environment

Target

Students of Romanian IT faculties

The open source communities in Romania

Others interested in the OSS domain

Objectives

OSCAR wants to change the Romanian programmers mentality (especially IT students) by promoting open source software, whose flexibility and ease of use are important qualities

To develop

- existent apps that need improvement
- medium-level applications which cover a large area
 - grid-computing
 - embedded and designed for mobile
 - devices applications
 - security,
 - ERP systems and databses
- web services
- kernel developement

Contribute at a global level to the development of these technologies, that could turn out to be the future of programming

Projects and research themes (proposals) for 2007

- **FW/VPN Manager**

(FW/VPN Manager is a graphical interface, web-based, for administering security policies associated to a combined solution of firewall and VPN)

- **Sunbird/Lightning** of Mozilla project

- **Apache mod_rdf**

(Creation of an Apache module that can transcribe an HTTP message flow (received and sent by the server) in RDF terms, according to *HTTP Vocabulary in RDF*)

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- **XwikiXDB**

(Creation of a XWiki model that would permit back-end level storage of data in a XML native database system)

- **WebSlides**

(Creation of an application that permits making of presentation slides meant to be viewed in a current browser or on a mobile device and printed no matter the printer type)

- **Wiki engine for Collaboa**

(To enrich this application with a wiki that should permit documentation, specification etc writing in a collaborative manner)

- **Mono XNA**

(DirectX will be replaced in the future as a platform with XNA)

Research themes (for research groups):

- Web 2.0
- SOA. Distributed Systems
- Applications for mobile devices
- Modules for Linux Kernel

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Questions?