

# eMadrid Seminar on “Free Software and Education”

**Friday May 6th, 2011**  
**Madrid on Rails, Vicálvaro, Madrid**  
**Organised by: eMadrid net**



On Friday May 6th, an eMadrid seminar will have place at the Madrid on Rails company (Vicálvaro, Madrid). This seminar will be based on contents related to “Free Software and Education”.

**eMadrid** is a I+D program between Madrid research groups working on “Research and Development of Technology-Enhanced Learning”. It is coordinated by the Carlos III University of Madrid and composed by the Autónoma University, Complutense University, Politécnica University, King Juan Carlos University of Madrid and the Distance Learning University UNED.

During the presentation of the seminar the winner of Madrid on Rails - eMadrid 2011award will be announced. The delivery will be done on Wednesday June 1st, during the first day of the Second Conference on e-Learning eMadrid.

The different talks schedule will be as follows:

### **15:00–15:30**

**Eneko Arriaga (CV&A Consulting):**  
*“Moodle, Free Software and Education”*

### **15:30–16:00**

**Ismail Alí Gago (ITE-CeDeC):**  
*“Proceedings of the Institute of Educational Technology of the Ministry of Education for the integration and/or developing of open source applications”*

### **16:00–16:30**

**Rafael Ibañez Molinero (UNED):**  
*“Libertexto: improving the reading and studying of electronic texts”*

### **16:30–17:00**

**José Centeno González (URJC):**  
*“IT teaching labs with Free Software: the GsyC (URJC) experience”*



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## Where?

Madrid on Rails  
Calle Lago Titicaca 10, Vicálvaro, 28032 Madrid.

## How to get there?

Detailed information on:

<http://madridonrails.com/viewPage.php?ID=contacto.php>

- **Subway:** Line 9, Vicálvaro, 200 mts from the center.
- **Bus** 287 Madrid (Vicálvaro) - Coslada (Barrio de la Estación).
- **By car:** Access from the M40. You can park near the place, on Prat street (about 30 meters from Madrid on rails) Details of how to get to parking:  
<http://pili.la/aparcarmor>



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## Interventions' abstracts

### **1. Moodle, Free Software and Education.**

Moodle is the VLE (Virtual Learning Environment) most used in the world by all types of organizations. Moodle is Free Software and has been a pioneer in establishing a business model in which local partners give certified professional services and support a product product development organization. This talk will analyze the keys to its success and future potential, explaining the business model of the central organization and the partners. It will also destroy most common myths that hamper the progress of Moodle and Free Software in general.

### **2. Proceedings of the Institute of Educational Technology of the Ministry of Education for the integration and/or developing of open source applications.**

The Institute of Educational Technology of the Ministry of Education is the department responsible for curriculum integration of Information and Communication Technologies in primary and secondary schools. This Institution works in three distinct areas: the development of digital educational content, on-line teacher training, including the development and implementation of training materials and e-learning platforms and the development of digital tools and applications that can be used in schools. It is actively involved in the repository of digital educational materias and contents called *Agrega* (<http://agrega.educacion.es>), in the design and implementation of training courses for teachers using an open source LMS like Moodle, and developing and implementing improvements to this LMS. Training courses and training content are released under Creative Commons licenses (<http://formacionprofesorado.educacion.es/apls/moodle/>), and finally it is working in the improvement of applications for content creation, as *eXe Learning*, in the integration of digital whiteboard and videoconference systems like *OpenMeetings*, and developing streaming system based entirely on open source software. During this presentation we will show some of these developments.

### **3. Libertexto: improve the reading and study of electronic texts.**

The digital revolution is changing our reading habits in a radical way. However, reading on screens still has many disadvantages compared to reading on paper. A major one is the difficulty of the interaction with the text. Active reading or studying texts on paper usually involves a series of steps: "working" on the text (highlighting, tagging, annotating, etc.) and then writing an outline or summary. *Libertexto* condenses these steps into one, because while working on the text, a schema is automatically formed. In addition, the reader can enrich the documents with images, notes, links, etc. Thus, the reader forms his/her own structured and enriched text from the documents. *Libertexto* has a clear educational application: reading becomes a more active and significant process, improving understanding and facilitating the study. *Libertexto* is a Mozilla Firefox add-on and it is under the GPL license. See more information at [www.libertexto.org](http://www.libertexto.org).



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#### **4. IT teaching labs with Free Software: the GsyC (URJC) experience.**

The Department of Telematic Systems and Computing (GSyC) is responsible for teaching subjects about 50 degrees and master's degree related to the Telecommunication Engineering and Computer Engineering, teaching classes at two different campuses. Practice classes of almost all of these subjects are at least 50% of teaching time thereof. These practices are carried out in 4 laboratories totaling more than 150 campus computers under OS GNU / Linux. Laboratories are multidisciplinary, and remain open to students 12 hours a day, so they can work in them outside of school hours. This conference will talk about the installation, maintenance and configuration computer tools, user accounts, files system, backup systems, examinations systems under restricted conditions of connectivity and relationship problems between the type of tools and practices required in the subjects and security and maintenance policies of University Computing Services.

### **Speakers' Biographies**

#### **Eneko Arriaga (CV&A Consulting):**

Degree in Business Administration and MBA by the Copenhagen Business School (Denmark), his experience has been developed within the financial and technological sector, specifically the last 10 years in the Knowledge Management and eLearning areas. During four years he was a Ithaca Multimedia partner; there he was Product Manager of EasyProf, an authoring tool for educational content for authors without programming skills that connected with LMS through the SCORM standard interconnection. Then in June 2002 launched CV & A Consulting, together with its partners Albert Calvet and Jordi Vila. He has been a trainer in several courses on Moodle, as a user and as a teacher or administrator, as well as a speaker at events like MoodleMoot, Online Education, Virtual Educa, Expoelearning.

#### **Ismail Alí Gago (ITE-CeDeC):**

Graduate in Biology at the Universidad Complutense of Madrid (UCM) in 1978. Master in Computer Education at National University of Distance Education (UNED) in 1995. Secondary School Teacher in Biology and Geology and Information and Communication Technology. Technical and pedagogical advisor in the Area of Information and Communication Technologies at the Education Department of the Community of Madrid and Coordinator of the MAX development group between 2002 and 2009. He also has worked as Associate Professor of New Technologies Applied to Education in the Teacher Training Faculty at the Universidad Autonoma of Madrid. Participant and contributor to the AECE, Spanish Agency for Cooperation and Development in projects in Africa and Latin America. He currently works as Head of On-line Teacher Training Area and Web Content at the Institute of Educational Technology of the Ministry of Education (<http://www.ite.educacion.es>) and Member of the Governing Board of the National Curriculum Development Centre in Non Proprietary Systems, CeDeC (<http://cedec.ite.educacion.es>).



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**Rafael Ibáñez Molinero (UNED):**

Rafael Ibáñez Molinero works as a teacher of Secondary Education (Educational Guidance specialty) since 1999 and as a tutor in Psychology at the Associated Center of the UNED in Córdoba since 2000. He graduated in Psychology (1997) and Ph.D. in Cognitive Science (2007), both degrees completed at the UNED. He coordinates the project Libertexto, funded by the Ministry of Education, since 2009.

**José Centeno González (URJC):**

José Centeno González is Associate Professor at the Rey Juan Carlos University, where he currently performs the duties of Deputy Director of Infrastructure and Technology Laboratories at the Telecommunication Engineering School. He holds a PhD in Telecommunications Engineering from UPM (Madrid). He worked previously for 5 years at the Carlos III University of Madrid. In both universities he has been actively involved in the planning, installation and maintenance of teaching laboratories on Free Software. He teaches subjects related to Computer Network. He has also participated in teaching innovation projects related to the practical classes of these subjects.



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