



## **New Assessment Tools in LMS (Learning Management System)**

**Lina García Cabrera, Juana M<sup>a</sup> Ortega-Tudela, José Ramón Balsas Almagro, Idefonso Ruano Ruano, M<sup>a</sup> de Los Angeles Peña Hita & Juan Carlos Cuevas Martínez.**

University of Jaén (Spain)

[lina@ujaen.es](mailto:lina@ujaen.es); [jmorteaga@ujaen.es](mailto:jmorteaga@ujaen.es); [jrbalsas@ujaen.es](mailto:jrbalsas@ujaen.es); [Alonso@ujaen.es](mailto:Alonso@ujaen.es); [mapena@ujaen.es](mailto:mapena@ujaen.es); [jccuevas@ujaen.es](mailto:jccuevas@ujaen.es)

One of the most important Spanish University's challenges is to encourage the development of their platforms for virtual teaching.

That effort has made many university professors begin to use these platforms as an energizing tool in his teaching work. However, its use as an evaluation tool is not yet widespread. Virtual teaching or LMS platforms incorporate numerous resources for evaluation and self-evaluation of the student. Almost all of them offer a wide range of different questions (multiple choice, cloze, essay, matching, ordering, image map, etc.) These kind of questions are usually present in the existing LMS but with slight differences. However, new learning situations emerging from the incorporation of Spain in the ESHE require new forms and assessment tools. To respond to this situation, and within the framework of a teaching innovation project at the University of Jaén (Spain) this work aims to study and parameterization of evaluation tests type for incorporation into the platform of virtual teaching ILIAS through interactive multimedia objects.

The ultimate goal of the project is to design or adapt a specification language to describe all types of existing and demanded evidence of evaluation by teachers, as well as creating a database with all the contributions received.

Our aim is to specify what the existing tools are known and used by the faculty staff as well as what new items they demand. For this purpose, we prepared a questionnaire on the ILIAS platform for teachers of the University of Jaen.

The analysis of the questionnaire responses revealed some important issues, such as the lack of knowledge of the possibilities of evaluation afforded by ILIAS and, therefore, the limited use of the online assessment. However it was also evident the high grade of motivation of the teachers to get involved in it. In this paper we present the results and conclusions of this study as well as the decisions taken about the innovation on evaluation online project.