QUICKTRI

A VISUAL SYSTEM FOR RAPID CREATION OF E-ASSESSMENTS AND E-LEARNING MATERIALS

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Abstract

QuickTrI is a visual graphical interface for the creation of e-assessments delivered by an enhanced version of the powerful TRIADS Professional assessment engine.

The TRIADS Professional System provides a very wide range of item types, scoring options and delivery modes and is designed for use by specialist teams who may wish to develop e-assessments up to the level of a full simulation. The sophistication of the output is however matched by the skills required from the assessment author/developer and the system has proved to be too complex for everyday use by most tutors.

One of the problems associated with the development of so-called 'innovative items', such as many of those developed in TRIADS, has been that it requires an expert developer to update or modify them, thus restricting their more widespread use and making them less suitable for item banking.

Our aim in developing QuickTrI is to provide an intuitive system that can be installed on a tutor's desktop to enable the rapid creation of e-assessments, without losing the richness of interactivity, flexibility of screen design and delivery functionality provided by the TRIADS Professional system and to facilitate the modification and updating of quite sophisticated items without specialist software development skills.

The system will deliver assessments via Internet, Intranet, LAN, CD-ROM or on a standalone machine. Browser delivery requires MS Internet Explorer v6 or v7 and Windows 98/2000/NT/XP and the Authorware Web Player 2004. Compatibility with Vista is currently being tested.

One-button-upload to servers is incorporated into the system. The system will produce assessment zip files for upload into SCORM compatible Learning Management Systems including Moodle v1.6, Kallidus and Oracle iLearning.

SCORM connectivity with the Blackboard gradebook is currently under investigation. QTI V2.* import of items will be available in version 2.

The presentation will demonstrate the ease of use of QuickTrI.