Properties of an e-assessment system

Different types of properties

For the purpose of this Wiki, the properties of an e-assessment system will be divided into the following categories:

- Functional properties
- Architectural properties
- Content exchange specifications

Assessment types and items

System architecture

Ideally, an assessment system would implement the following architecture properties[1]:

- designed as a standalone e-assessment system,
- ability to exchange content, user data and components with other e-assessment systems,
- pluggable into LMS (*learning management systems*), or other systems

Other requests

- flexibility to include assessments based on different theories and models,
- completeness of the supported assessment process,
- reusability (identification, isolation and exchange) of useful objects (items, assessment plans)
- medium neutrality (when possible, the system also supports paper and pencil tests)

[1]

Armenski, Goce, and Marjan Gusev. The Architecture of an 'Ultimate' e-Assessment System. Association for Information and Communication Technologies ICT-ACT, 2009.