Customised Education

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About SURF

SURF is the collaborative ICT organisation for Dutch higher education and research. SURF offers students, lecturers and scientists in the Netherlands access to the best possible internet and ICT facilities.

SURFnet mission

SURFnet's mission is to boost the quality of higher education and research through the support, innovation, development and operation of an advanced, reliable and interconnected ICT infrastructure, enabling the potential of ICT to be harnessed to its full extent. In this way SURFnet is working to create a connected world in which simple and reliable tools are available to ensure universal connectivity and access.
Customised education
2015-2018

“In 2018 higher education institutions offer adequate services and have the right expertise to enable personalised and flexible education that corresponds to the learning needs of the individual student in the best possible way.”
Customised education: 6 projects, 3 pillars

- Community management
- Open & online education
- Testing & test-driven learning
- Flexible & personal working environment
- Learning analytics
- Test bed for innovative ICT applications
Threefold approach

Experiments

knowledge

Services
Testing and test-driven learning

Institutions are equipped with a safe and secure environment for cooperation and exchange of digital assessments, in order to enhance the quality of education, to improve study success, to increase flexibility for students and enable teachers to work more efficiently.

Highlights 2015:
- Experiments with assessment for customised education
- Guidelines & service portfolio for a safe and secure environment for assessment and testing
- Exchange experiences with assessment software procurement
- Learning community for digital assessment policymakers
QTI experiment

- Aim: exchange items & test results between Surpass and Remindo
- Based on QTI 2.1
- Defining common subset ⇒ limited functionality needed
- Challenge: two-way interoperability

Parameters
- Short term: low stake testing ⇒ within 1-2 years high stake as well
- 2500 items now
- 5 participating institutions

Next steps
- Exchange between Remindo and other tools (e.g. Question Mark)
Findings (challenges)

- Deep technical understanding needed
- A subset of QTI needs to be defined to make it work (in our setting)
- Vendors tend to solve exchange issues through adapting their software
If you have any questions...

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