ISIS and Assis
A tale of two projects

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The two projects

• ISIS: Integrating Simple Sequencing
  – funded by the e-Learning Framework
• Assis: Assessment and Simple Sequencing Integration Services
  – funded by the DEL Programme
• Coordinated by the University of Hull
ISIS - Who & what

• Partnership
  – University of Hull
  – Icodeon Ltd.
  – Newark & Sherwood

• Development of a simple sequencing service tested against a number of consumers
Simple Sequencing

- describe paths through a collection of learning activities
- IMS Specification
  - defines a method for representing the intended behavior of an authored learning experience such that any learning technology system (LTS) can sequence discrete learning activities in a consistent way.
Why ISIS?

- Facilitating next generation content and learning experiences
- Moving towards active/explorative and games-based learning
- Deeper understanding of the SS specification
- Tools to aid the creation and debugging of sequencing instructions
Visualiser
ISIS outcomes

- Sequencing Engine - free to UK HE & FE
- SE API - source code & WSDL
- Visualiser
- Basic Sequencing player
- Bonus - Windows Sequencing client
Innovative paths and adaptive learning experiences require the integration of sequencing with assessment.

Building on the work of both ISIS and APIS - IMS SS & QTI v1.2 & v2.0

Partners - Strathclyde, Icodeon, Stanford, Loughborough, RELOAD
Assis in the assessment domain formative only

- Banking metadata discovery
- Exchange packaging
- Response processing web services
- Delivery purpose exposure
Assis systems

APIS+ QTIRun
WSDL

ISIS Sequence Engine
WSDL
• r.sherratt@hull.ac.uk
• http://www.hull.ac.uk/esig/isis.html
• http://www.hull.ac.uk/esig/assis.html