Overview

Aims
• To build an interface that allows teachers to create learning services for MXit
• To build a system architecture capable of supporting this interface

Interface Requirements
• Intuitive
• Efficient and not time-consuming to use

System Requirements
• Scalable to a large user base
• Robust enough to handle any user input

Example MXit Screen Flow

Home Screen
1) Word definitions:Defs
2) Begin test: Test1
Q) Quit

Definitions:Defs

Definition of a word

Test: Test1

Question

Wrong

Wrong. Reason: #

Right

Wrong

Wrong. Reason: #

Right!

Bye!

Conclusions

• Web interface produces an intermediate representation of content
• Internal system produces and manages MXit applications given intermediate representation XML

Potential Future Work

• Further investigation into the use of MXit as a platform to encourage development and learning in South Africa
• Investigating alternative applications of MXit, e.g. as a gaming platform

Intermediate Representation (XML)

Application Manager

Central Server

Content Database

MXit Application Creator

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