



UHI

BEWT

Bodington Integrated With Enterprise
Webservices Toolkit

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UHI

- Objectives ←
- Standards
- Technology
- Trial Applications
- Toolkit Evaluation
- Timescales & Personnel
- More Information



UHI Objectives

- Trial and use the CETIS IMS ES WS Toolkit [CETIS-ES SDK] within the UHI Elearning Services Framework.
- To provide distributed user profile managed exchange between specific service components.



UHI Objectives

- Integrate with UHI Institutional VLE - Bodington.
- Integrate with Siva - Account Management System which ties into Institutional SRS - SITS Vision.



UHI Objectives

- UHI better able to manage Enterprise type data in everyday activities and transactions.
- Standardize Bodington to conform to using IMS ES.
- Provide evaluative feedback through real use of the toolkit back to the CETIS-ES developers and wider community.
- Awareness raising of benefits of IMS ES.



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UHI Standards

- ES SDK implements the IMS ES specification.
- Provides a definition of how systems and services exchange information dealing with people, groups, memberships within the context of learning.
- V 1.0 approved by IMS Technical Board in July 2004.



UHI Standards

- Simple Object Access Protocol [SOAP] used for exchange of information.
- Use WSDL and WSDD for the relevant WS definitions.
- Ensure WS-I guidelines on WS interoperability.



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UHI Technology

- BEWT uses J2EE to integrate with underlying apps.
- ES SDK utilizes Apache Axis for messaging.
- Bodington is a JAVA Servlet.



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UHI Applications

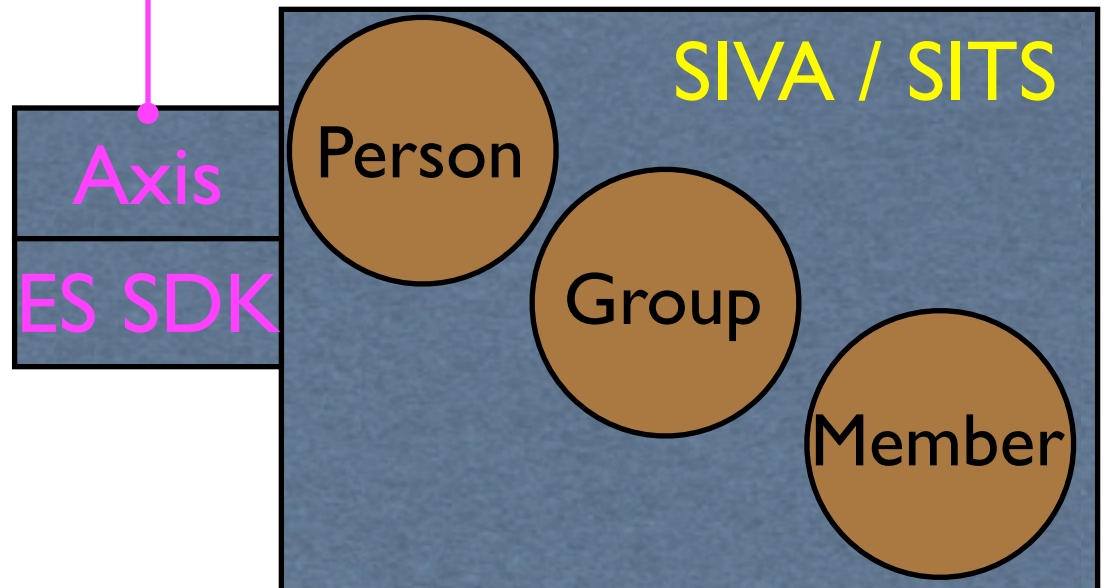
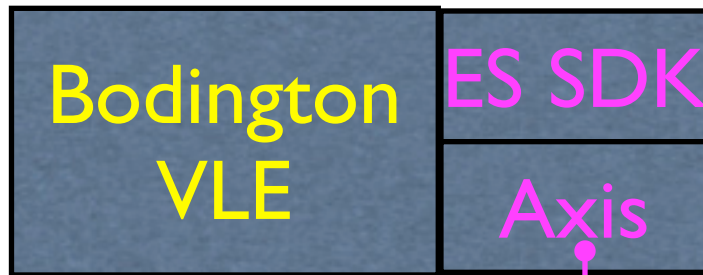
- UHI is a strategic partner with a number of other UK HEIs in the development and integration of Bodington into institutional services, especially University of Leeds and University of Oxford.
- Deployed and developed at UHI since 2003.
- Authentication via LDAP into institutional store.



UHI Applications

- Account management via Siva and through Bod interface.
- Bod has a view that maps to IMS ES, but no WS interface.
- SITS Vision is Institutional SRS and has all relevant module and student registry data, but need to get it out.

UHI Applications





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UHI Evaluation

- Evaluation includes process, techniques and documentation (in terms of quality).
- Follow the JISC advice.
- BEWTT website to link to a blog which will detail problems and solutions.
- Direct feedback and interaction with (we hope!-) Scott Wilson and Nick Sharples.



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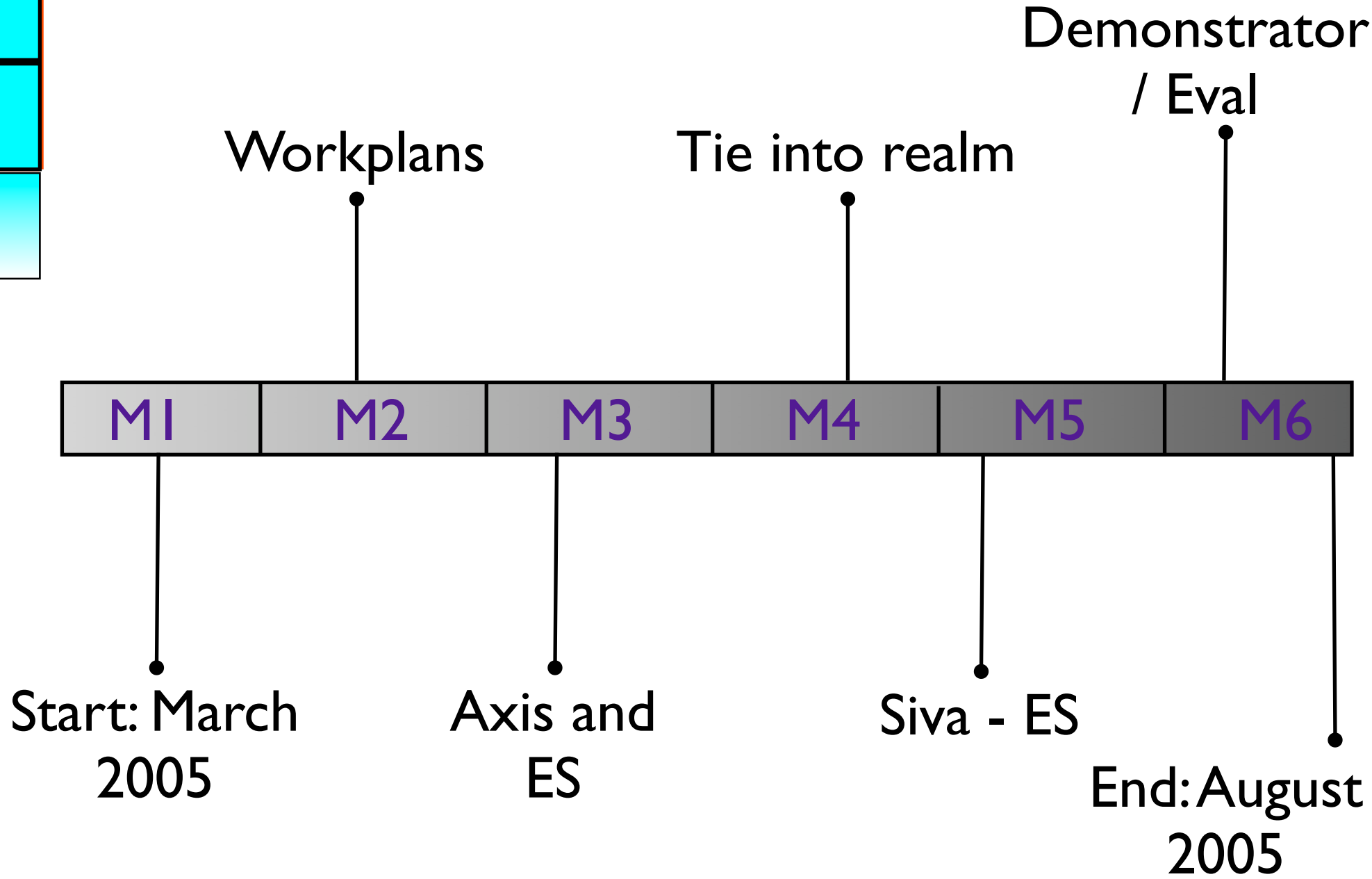
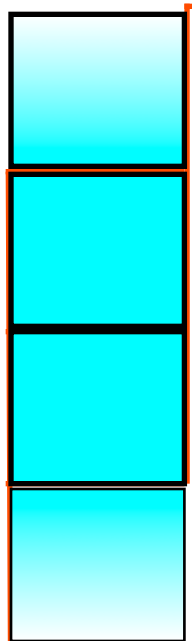
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UHI Personnel

- Antony Corfield - Lead Developer
- Alistair Young - Developer
- Garry Main - Assitant Registrar
- Sean Mehan - Project Manager

UHI Timescale





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UHI Information

- CETIS ES SDK <https://sourceforge.net/projects/cetis-es/>
- Bod <https://sourceforge.net/projects/bodington/> & <http://bodington.org/>
- Siva <https://sourceforge.net/projects/siva/>
- IMS ES <http://www.imsglobal.org/enterprise/index.cfm>
- CETIS ES SIG http://www.cetis.ac.uk/members/enterprise/index_html