

XCRI

eXchanging Course-Related Information

<http://www.eframework.org/projects/xcri>

Aim: to define a vocabulary and appropriate technology bindings (e.g. XML, RDF) for describing course-related information that encompasses course marketing, quality assurance, enrolment and reporting requirements.

deliver: vocabulary | technology bindings

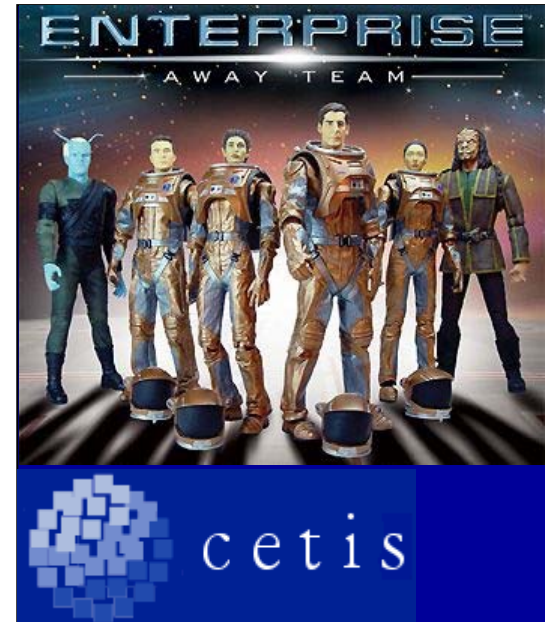
scope: course marketing | quality | enrolment | reporting

approach: informed compromise in action

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xcri | review

1. curriculum **domain**
2. xcri | **timeline**
3. xcri | **website**
4. xcri | **schema**
5. xcri | **deployments**
6. xcri | **demonstrator**
7. xcri | **in an institution**
8. xcri | **extension**



www.startrekdb.se

Marketing

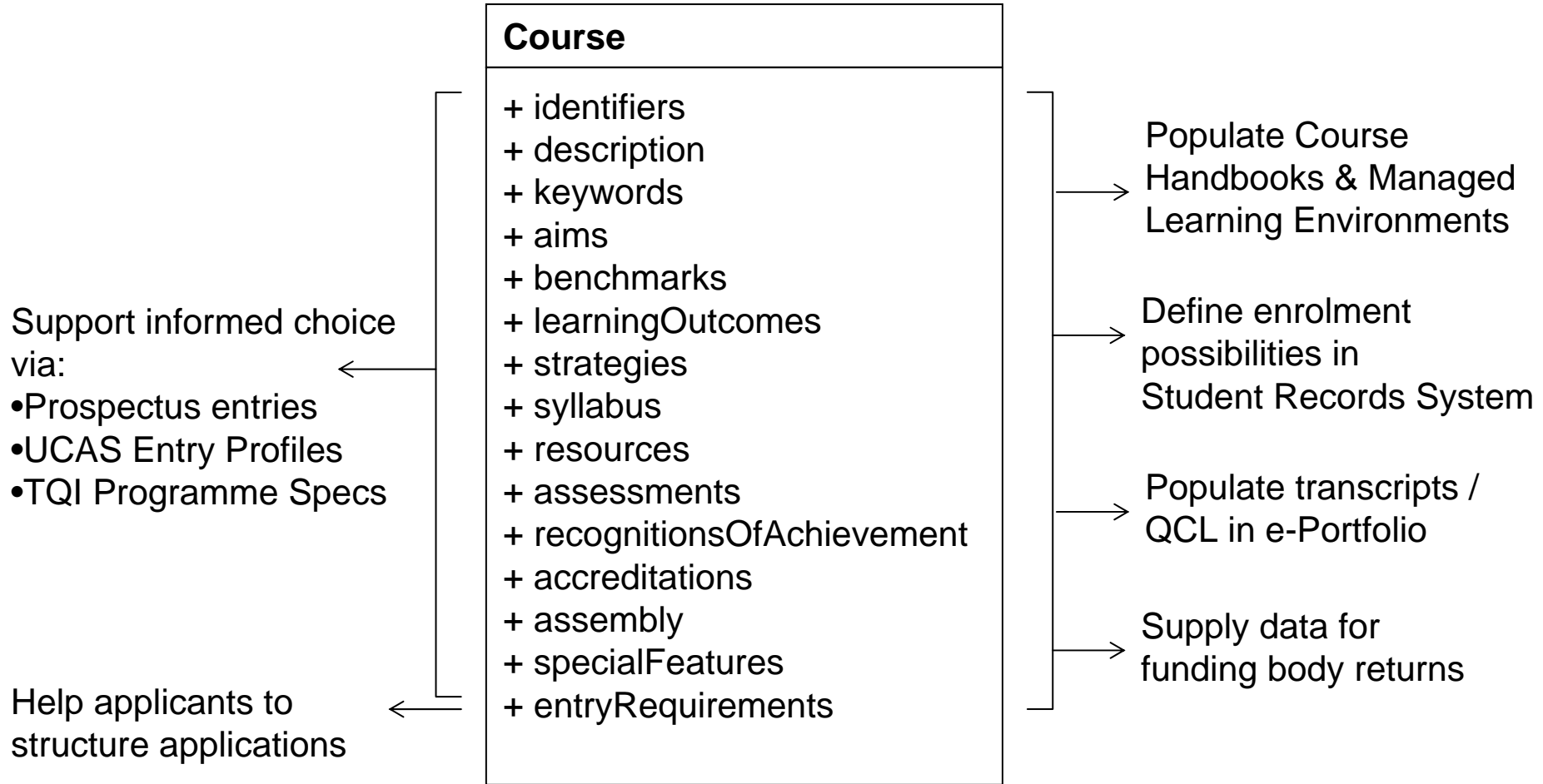
Advertising Admissions

Quality

Curriculum Management

Production

Enrolment Awards



Smart, Non-Monolithic Document: data entered once and re-used

eXchanging Course-Related Information (XCRI)

xcri timeline

Pan Asia Summit (Mcr)
 Chiang Mai Summit (Ox)
 Chez Jules Summit (Brum)
 Rab Ha Summit (Glasgow)
 Weinachtsmarkt Summit (Berlin)
 Zizzi Summit (Ox)

informed

compromise

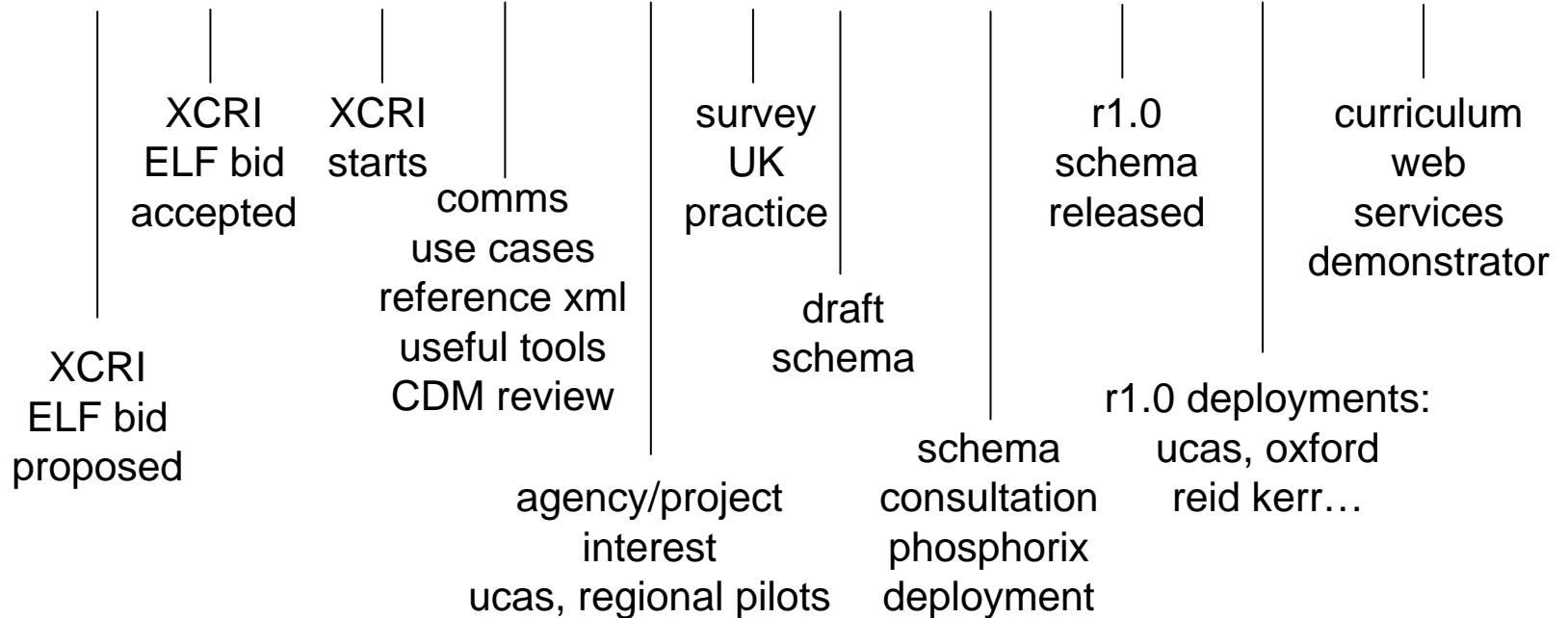
in action

phase **one**

phase **two**

phase **three**

jan | feb | mar | apr | may | jun | jul | aug | sep | oct | nov | dec | jan | feb | mar



xcri website

FAQs

PM blog

Outputs

- Review of Norway's CDM
- Content-harvesting case studies
- 160+ prospectus sites survey
- Draft XML schema & XML
- Business case for adoption
- Release 1.0 schema & XML
- R1.0 deployment case studies
- Web service demonstrator
- Prog Spec XSLT
- Presentations & Papers

The screenshot shows the XCRI website interface. At the top is a red header with the text "The E-Learning Framework" and a search box. Below the header is a navigation menu with links for "home", "framework", "projects", "papers", and "recent". The main content area is divided into several sections:

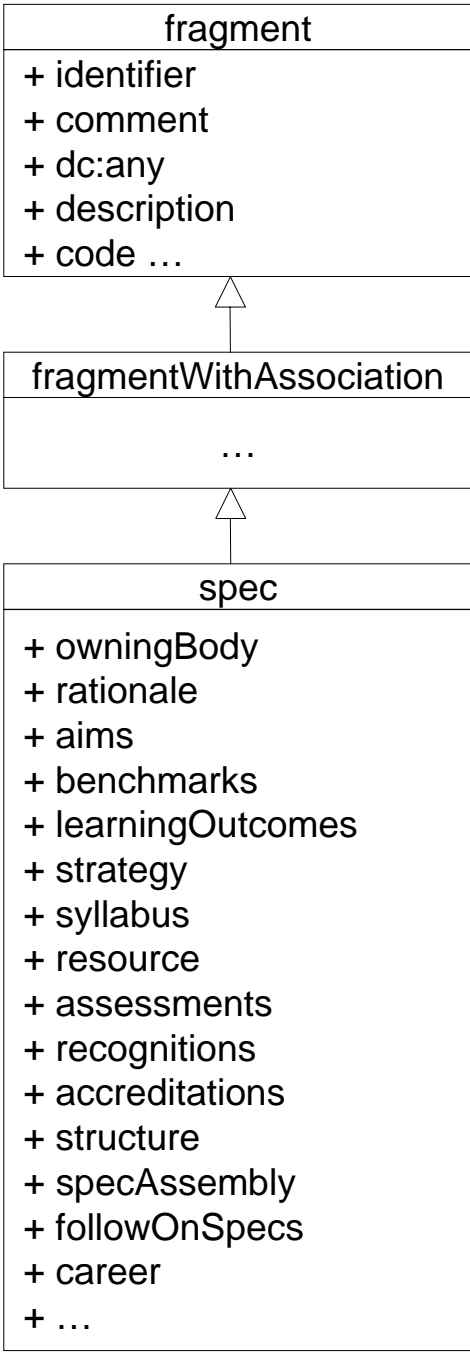
- Course Information Group:** A section describing the XCRI project's aim to define a generic course description specification for the UK. It includes links for "FAQ", "Updates", "Outputs", "Partners", and "Standards".
- Frequently Asked Questions:** A section titled "What is XCRI?" that explains the project's goals and provides information on what XCRI stands for, who is involved, and what has been produced so far.
- Updates:** A section titled "The Project Manager is maintaining a blog to chart progress." that lists a series of dates and locations, such as "2006-02-17 Amsterdam **latest**", "2006-01-30 Manchester XCRI Deployment Starts", and "2005-12-22 Manchester XCRI R1.0 Schema Release".

On the right side of the page, there is a sidebar with a "funding partner" logo for JISC, a calendar for March 2006, and a list of "files and documents" including "XCRI Bid Document", "QAA Programme Specification", "LUCAS Search", "Norway's CDM XML", "2005-03-15 Oxford XCRI Overview", "Reference Standards", "More Information", "Sweden's EML Spec", "Norway's CDM: Briefing", "Project Plan v0b", "Work Packages v0b", "Specification XML", "Offering XML", "ePortfolios Services Model", "File Case Study Example Documents", "Curriculum Content Harvesting, Conversion and Publishing", "London Met Course Workflow", "London Met OpenOffice Utilities", "2005-07-20 Glasgow XCRI Update", "London Met Module Spec", "Business Case", and "Draft E-Framework Curriculum XSD".

<http://www.elframework.org/projects/xcri>

xcri schema

R1.0 XCRI XSD ([22/11/05](#))
 Creative Commons ShareAlike 2.0
 Sample XML for 5 institutions



```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns="http://framework.org/curriculum/elements" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:imsRL="http://www.imsglobal.org/services/iksd/imsRLManDataSchema_v1p0" target="namespace"
http://framework.org/curriculum/elements" elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:import namespace="http://purl.org/dc/elements/1.1/" schemaLocation="http://dublincore.org/schemas/xmls/qdo/2003/04/02/dc.xsd"/>
  <xs:import namespace="http://www.imsglobal.org/services/iksd/imsRLManDataSchema_v1p0" schemaLocation="http://www.imsglobal.org/services/iksd/imsRLManDataSchema_v1p0.xsd"/>
  <xs:annotation>
    <xs:documentation>Curriculum Service XML Schema</xs:documentation>
    <xs:documentation>Author: Ben Ryan and Mark Stubbs</xs:documentation>
    <xs:documentation>Date: 22, December, 2005</xs:documentation>
    <xs:documentation>Version: 1.0</xs:documentation>
    <xs:documentation>Final Release</xs:documentation>
  </xs:annotation>
  <!-- ATTRIBUTE DEFINITIONS -->
  <xs:attributeGroup name="associationConstraintGroup">
    <xs:attribute name="collection" type="collectionTypeDataType" use="optional"/>
    <xs:attribute name="order" type="collectionOrderDataType" use="optional"/>
    <xs:attribute name="selectMin" type="collectionSelectionRangeDataType" use="optional"/>
    <xs:attribute name="selectMax" type="collectionSelectionRangeDataType" use="optional"/>
    <xs:attribute name="selectOn" type="collectionSelectionCriteriaDataType" use="optional"/>
  </xs:attributeGroup>
  <xs:attributeGroup name="calendarEventGroup">
    <xs:attribute name="endTime" use="optional"/>
    <xs:attribute name="date" use="optional"/>
    <xs:attribute name="period" use="optional"/>
    <xs:attribute name="periodType" use="optional"/>
    <xs:attribute name="startTime" use="optional"/>
  </xs:attributeGroup>
  <xs:attributeGroup name="classificationGroup">
    <xs:attribute name="type" type="classificationGroupTypeDataType" use="optional"/>
    <xs:attribute name="scheme" type="classificationGroupSchemeDataType" use="optional"/>
    <xs:attribute name="level" type="classificationGroupLevelDataType" use="optional"/>
  </xs:attributeGroup>
  <xs:attributeGroup name="creditGroup">
    <xs:attribute name="credit" type="creditGroupCreditDataType" use="optional"/>
  </xs:attributeGroup>
  <xs:attributeGroup name="validityConstraintGroup">
    <xs:attribute name="validFrom" type="validFromDataType" use="optional"/>
    <xs:attribute name="validTo" type="validToDataType" use="optional"/>
  </xs:attributeGroup>
  <!-- ELEMENT DEFINITIONS -->
  <xs:element name="accreditation" substitutionGroup="fragmentWithAssociation" type="accreditationDataType"/>
  <xs:element name="accreditationRef" substitutionGroup="fragmentWithAssociationRef" />
  <xs:element name="accreditations" type="accreditationAssociationDataType" substitutionGroup="fragmentAssociation"/>
  <xs:element name="accreditedFrom" type="fragmentDetailDataType"/>
  <xs:element name="accreditedTo" type="fragmentDetailDataType"/>
  <xs:element name="accreditingBodies" type="organizationAssociationDataType" substitutionGroup="fragmentAssociation"/>
  <xs:element name="activities" substitutionGroup="fragmentAssociation" type="activityAssociationDataType"/>
  <xs:element name="activity" type="activityDataType" substitutionGroup="fragmentWithAssociation"/>
  <xs:element name="activityRef" substitutionGroup="fragmentWithAssociationRef" />
  <xs:element name="adjustment" type="fragmentDataType"/>
  
```


xcric demonstrator

users

execute pre-defined XCRI XQueries

<http://portal.londonmet.ac.uk/xcric/query?qname=q1&varName1=ABFS>

execute XPath URL REST queries

[http://portal.londonmet.ac.uk/xcric/curriculum/spec\[identifier='AC2001C/N'\]](http://portal.londonmet.ac.uk/xcric/curriculum/spec[identifier='AC2001C/N'])

admin

create & manage collections

import XCRI docs via WebDAV

build & manage XCRI XQueries

code

Paul Walk (London Met)

Java Servlets & Berkeley XDB

Tiddly Wiki Documentation

Javadoc

UML diagrams

Source/WAR downloads

The screenshot displays the 'XCRI Webservice Demonstrator' web application. The main content area shows a 'Deployment UML' diagram for 'PaulWalk' (created 16 March 2006). The diagram illustrates the system architecture, including a 'PC / Workstation' with 'web-browser' and 'webDAV client' components, and an 'Application Server' with 'XML database', 'query & management servlets', 'XML database engine', 'server container', and 'webDAV server' components. Interactions are shown with 'HTTP' and 'SOAP' protocols. The page includes a navigation menu on the left with links like 'Home', 'Installation', and 'Usage'. A right sidebar contains a search box, a 'MarkStubs' configuration panel, and a 'Timeline' section.

xcri extension

caseStudies	B,C
ucasEntryReqs	A,C
versioningReport	B
competenceMapping	A
vocabulariesReport	A
authoringReport	A
refactoredSchema	A
wSDL	A
wSDLDemonstrator	A
srsDemonstrators	A,C
pleDemonstrator	A
engagedStakeholders	B,C
eFrameworkSubmission	D

