
DARE
digital academic
records exchange

Digital Academic Records Exchange (DARE)

- What is it?
- Where did it come from?
- How does it work?
- Where is it going?

What is it?

Project DARE will facilitate on-line delivery of degree certificates, transcripts, HEAR reports and other student data and documents via secure cloud-based architecture for Software as a Service to a range of users and institutions

HEFCE's University Modernisation Fund

Part of a suite of activities under the £12.5 million University Modernisation Fund Shared Services and Cloud Programme run by JISC and funded by the Higher Education Funding Council for England (HEFCE).

Project Partners

Bath Spa University

De Montfort University Leicester

Cranfield University

Coventry University

Liverpool JMU

SOAS University of London

DIGITARY® secure electronic documents

The University Of Sheffield.

Advisory Board

JISC

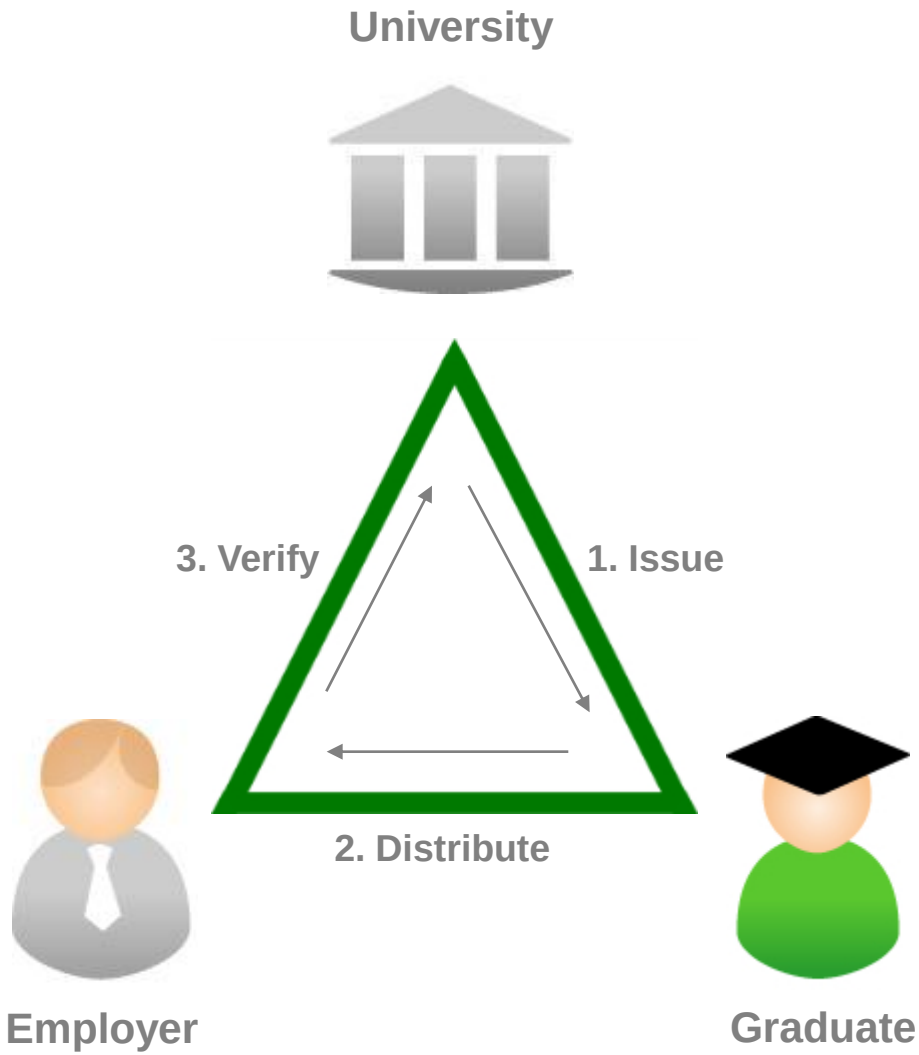
CRA Centre for Recording Achievement

JISC advance

ulcc University of London Computer Centre

Higher Education Statistics Agency

eduserv


University
3. Verify
1. Issue
2. Distribute
Employer
Graduate

View at institution's web site

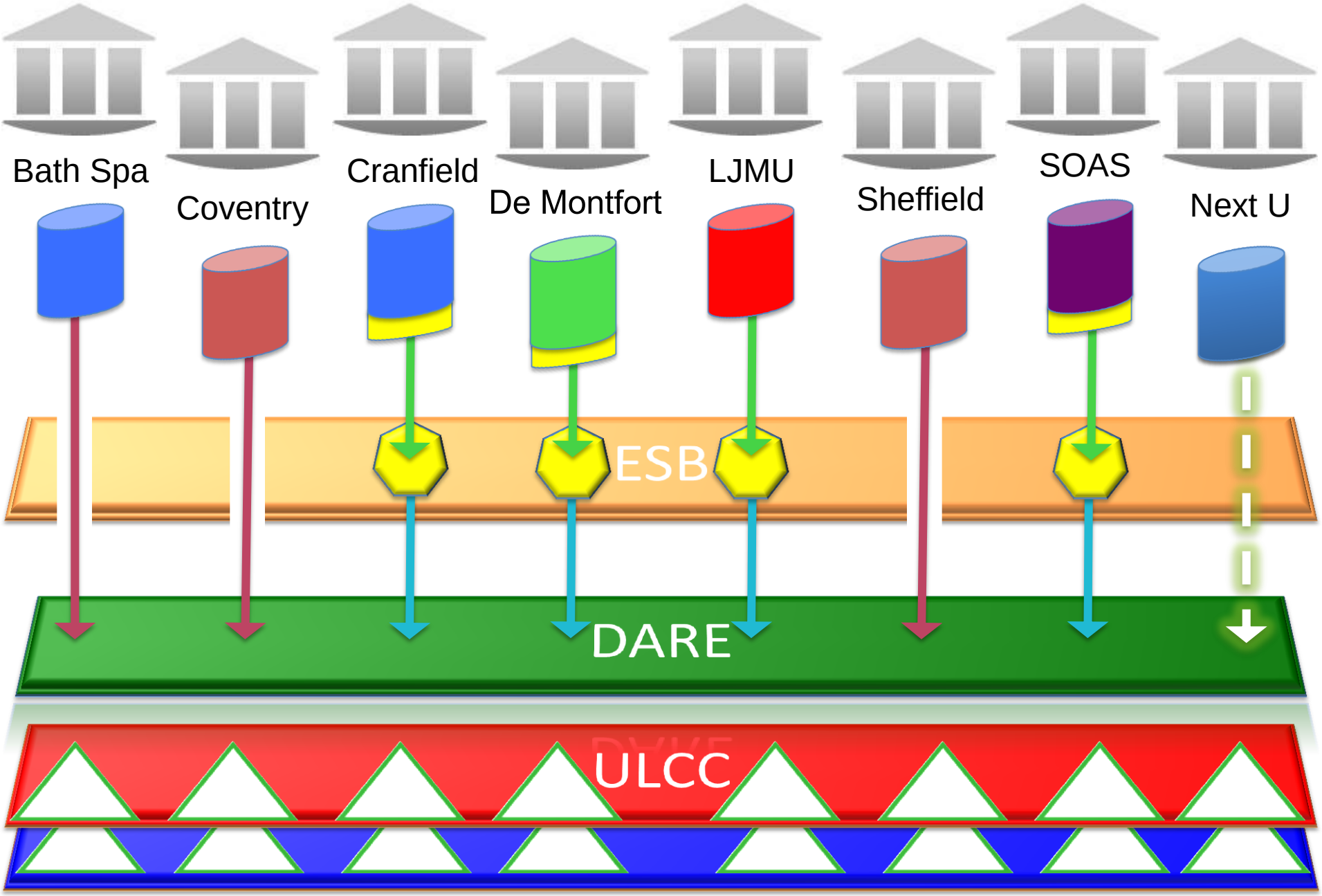
Real-time verification result

Electronic signatures provide legal validity and tamper evidence

Document displayed as signed

Life-long document repository

Security through PKI that is easy to implement & own



Student and graduate authentication via UKAMF, credential upload or web service.

The DARE Service

- XSD compliant with HEAR-Technical specification
- All functionality available to all institutions, including institution-specific URLs
- Same experience as on-campus implementation
- Standard configuration for faster implementation
- Guidance documents to make changes / introduce optional functionality, e.g. Credit card charges, Document Requests, Publish and Related Party
- ESB with local adaptor allows data from disparate sources, e.g. HEAR sections 4.2 & 6.1

Cost and Value

- Costs less than on-campus implementation, including hosting and enhanced support
- Process improvement -> Cost Benefit Model
- Needs volume of documents to make it work
- Worked example
  - 17,425 students; transcripts to all students, HEAR to exiting students, status letter to 25% of students
  - £328,000 saved over five years before charges added
- Implementation capped at five days
- Nexus ESB not included in these figures

Where to next?

- Service considerations

UMF funded, integration via JISC Advance's Nexus ESB

- New developments, e.g. data upload subject to data protection by receiving party in UK, EU, US (once mapping done for HEAR to US PESC, SPEEDE and other standards)

DARE Governance