

RDA COMMUNITY CAPABILITY MODEL INTEREST GROUP

CONTACT DETAILS:

**RDA IG: COMMUNITY CAPABILITY MODEL
INTEREST GROUP**

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Objectives:

The purpose of the RDA CCM Interest Group is to collect, validate and publish a range of data-centric “capability profiles” to enhance inter- and intra-domain interoperability and catalyse RDA data-sharing goals. Various barriers such as technical, social, legal and ethical issues currently make this difficult to achieve beyond established domain community boundaries, limiting the penetration and impact of data-intensive research.

On-going activities:

UKOLN Informatics has worked with Microsoft Research Connections to develop a Community Capability Model Framework (CCMF) for data-intensive research. The aim was to create a common framework for describing how different communities are placed to effectively carry out data-intensive research, and identify gaps in capability. The CCMF White Paper describes eight capability factors, which together facilitate an assessment of the data-intensive capability of a particular community, (e.g. discipline, sub-discipline, research institution or research funding agency). The CCMF capability factors are categorised into Human, Environmental and Technical elements. These encompass: Openness; Collaboration; Skills and Training; Academic Culture; Legal, Ethical & Commercial; Economic & Business; Common Practices and Technical Infrastructure.

Results:

Essential elements of the Community Capability Model have been adopted within the US NSF-funded EarthCube Cross-Domain Interoperability Roadmap led by SDSC and the work was presented at a CCMF Workshop at the International Digital Curation Conference in Amsterdam in January 2013. This exemplar illustrates the potential of the Capability Model to inform data interoperability decision-making and practice.

URLs:

<https://www.rd-alliance.org/community-capability-model-ccm-charter.html>

<http://communitymodel.sharepoint.com/Pages/default.aspx>