

Knowledge Graphs for Cultural Heritage Powered by metaphacts and ResearchSpace

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ResearchSpace is a collaborative environment designed to use and help build knowledge about the world and its history. ResearchSpace is funded by the Andrew W. Mellon Foundation and has been developed by the British Museum in partnership with metaphacts. It uses a domain and knowledge led design methodology employed by the ResearchSpace project, realised using the full potential of the metaphacts knowledge graph platform. Together with ResearchSpace, metaphacts provides a collaborative platform for humanities and cultural heritage research and supports historians, curators, conservators and scientists in daily tasks concerning research, relations discovery, and dissemination.

A key aspect in this respect is the integration of digital content. To enable the integration of data from various sources and at the same time support contextual richness and allow for the data to retain its individual characteristics, original meaning and perspective, the platform uses the CIDOC Conceptual Reference Model (CIDOC-CRM). This offers great potential for tackling the challenges researchers and curators encounter in the cultural heritage space, in particular the refinement and expansion of existing data, and the creation of semantic narratives, assertions and argumentation models, and meaningful presentations of findings.