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Colophon

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Foreword

The workshop **Practical Experiences with CIDOC CRM and its Extensions (CRMEX)** ran on 26th September 2013 in Valetta, Malta, as part of the 17th International Conference on Theory and Practice of Digital Libraries (TPDL 2013).

The **CIDOC CRM** (international standard ISO 21127:2006) is a conceptual model and ontology with a fundamental role in many data integration efforts in the Digital Libraries and Cultural Heritage (CH) domain. It has spawned various CRM-compliant extensions, such as:

- Functional Requirements for Bibliographic Records (FRBRoo) for works and bibliographic data;
- CRM Digitization (CRMdig) for digitization and provenance;
- CRM for English Heritage (CRMEH) for archaeology;
- British Museum Ontology (BMO) for museum objects;
- Sharing Ancient Wisdoms (SAWS) for medieval gnomologia (collections of wise sayings);
- PRESSoo, a FRBRoo extension for serial publications.

A number of data models, while not CRM-compliant, have been influenced by the CRM, e.g. the Europeana Data Model. At the same time, some people claim that the examples of practical working systems using CRM are few and far between. There are various difficulties facing wider CRM adoption and interoperation, e.g.:

- Because CRM allows many different ways of representing the same situation, CRM adopters in various CH areas need mapping guidelines and best practices to increase the chance of interoperation;
- While RDF is the most viable CRM representation, there are various low-level RDF issues that are not standardized. Since RDF representation implies a certain implementation bias and still undergoes changes of good practice, CRM-SIG has been expecting good practices to emerge from people applying CRM in order to make recommendations.

The goal of this workshop is to describe and showcase systems using CRM at their core, exchange experience about the practical use of CRM, describe difficulties for the practical application of CRM, and share approaches for overcoming such difficulties.

The ultimate objective of this workshop is to encourage the wider practical adoption of CRM.

Topics

- Software systems and similar developments using CRM;
- CRM repositories that aggregate large amounts of CRM RDF data;
- CRM-compliant extension ontologies and domain specializations. Principles for extending CRM;
- Best practices for representing specific situations from specific CH domains in CRM;
- Best practices, guidelines and detailed mappings from various metadata formats and various CH domains to CRM;
- Joint use of CRM and other popular ontologies. Principles for selecting constructs from different ontologies;
- Querying, searching and faceted browsing of CRM repositories;
- Display, editing, annotation and cross-linking of CRM data;
- Reasoning with CRM data;
- Encountered mistakes in representing CRM data. CRM learning curve and didactic considerations;
- Shortcomings of CRM, recommendations for CRM evolution. Collaboration on CRM evolution, merging RDF standardization approaches, recommendations for collaborative approaches;
- Performance and volumetric information about CRM-based systems;
- Evaluations of CRM adoption, usability of CRM-based systems, usage of specific CRM constructs.

Organizing Committee

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