The ARIADNE project

Advanced Research Infrastructure for Archaeological Data Networking in Europe

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PIN

Project Coordinator

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What is ARIADNE

- ARIADNE is a EU-funded project aimed at integrating the European Research Infrastructures on archaeological datasets
- Its overall goal is to overcome the fragmentation of archaeological data repositories and to foster a culture of data sharing and re-using
- Start date: 1st February 2013
- www.ariadne-infrastructure.eu

The ARIADNE partnership

- Coordination
  - PIN
  - UoY-ADS

Project activities

- Networking activities
  - Community building: involving researchers and institutions in sharing data and establishing together guidelines
  - Standardization and good practices
- Trans-National Access
  - Training
  - Access to on-line resources
- Research activities
  - Knowledge organization
  - Data management
  - New or improved tools to extract information
  - Advances in methodology

Progress in the initial six months

<u>Networking</u>

- Set up users' survey and SIGs
- Established cooperation agreements with institutions not belonging to the partnership

<u>TNA</u>

- Outlined the training program for 2014
  - Summer schools
  - Individual visits

Progress in the initial six months

<u>Joint Research</u>

- Started the design of integration
  - Mapping metadata schemas to CIDOC-CRM
- Working on an extension of CIDOC-CRM suitable for archaeological documentation
  - Draft proposal for excavation data in preparation
- Creation of the ACDM

The ACDM

- The ARIADNE Catalog Data Model (ACDM) aims at describing datasets, services, and resources in the archaeological domain
  - So far it addresses databases, collections, thesauri, with plans for covering all relevant resource types
- Based on DCAT (W3C recomm.) and other widespread ontologies
- Data collected into a registry, using a data acquisition tool
- To be used internally to support integration design
- Conceived to became a publicly available service and to be extended to other domains (e.g. conservation/restoration)

Collaboration with DARIAH

Potential joint activities

- Coordinated summer schools
  - Open to free participation for DARIAH-related scholars
  - Jointly agreed programs/content
  - DARIAH's label for ARIADNE courses
- Availability of sharing/adapting the ACDM structure and tools for DARIAH's dataset survey
- Invitation to join ARIADNE SIGs and/or participation in ARIADNE's activity through a cooperation agreement, for DARIAH affiliated institutions/projects

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SEVENTH FRAMEWORK PROGRAMME