Basic Common Certification Requirements and Procedures
Summary of the Problem

- What is the problem?
  To harmonize basic certification requirements and procedures, ultimately setting the stage for a global shared framework including other standards.

- Who is impacted (specific domains, professions, etc.)?
  All domains where data are collected, preserved and available for re-use by scientists, policy makers, etc.

- What are the ramifications of not having the problem resolved?
  Lack of trust in data repositories.
  Data which could be re-used are not available (or lost) or preserved for future potential reuse.
Describe the Working Group structure (how many members, diversity of experience, geographies, etc.) WG began with 4 members from WDS and 4 from DSA with support from the WDS-IPO but has expanded to include several external members; WDS with Earth and Space Sciences background and DSA with Humanities and Social Sciences; from Europe, USA, China, South Africa, Australia, (Japan).

Describe the deliverable

- Common Basic certification requirements/criteria
- Implementation plan for Common Procedures
- Testbed – “Real-world” valuation of Common Requirements and Procedures
Impact of the Deliverable

- Who is impacted as a result of this deliverable
  - Include potential scenarios demonstrating acceleration of innovation (cross-domain collaboration), time savings, economic savings, etc.

- Will provide a step towards having more coherent, increasingly stringent and compatible standards for repository certification

- DSA–WDS certification standard adoption will create a critical mass of certified repositories across a range of domains and disciplines

- Data Collectors, Funders, Publishers and Users – deliverable inspires trust, which is at the heart of sharing and archiving data
Endorsements/Adopters

- Who are the adopters and how have they used the deliverable?
  
  ICSU World Data System
  Data Seal of Approval
  
  - Common Language Resources and Technology Infrastructure (CLARIN)
  - IOC International Oceanographic Data and Information Exchange (IODE) programme

Other repositories

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Reiterate who could use this deliverable
Data repositories (data centres, data analysis services) – and also Funders, Collectors, Publishers and Users

Provide instructions on how to access and use them
- Common Basic certification requirements/criteria (http://tinyurl.com/pm9sflp)
- Implementation plan for Common Procedures (http://tinyurl.com/os6vb94)
- Testbed – “Real-world” valuation of Common Requirements and Procedures
- Also through DSA and WDS web-sites
- Testbed results through WG web pages
Are there plans to further evolve this deliverable?
- Complete testbed activity
- Resolve “Needed” items in the Common Procedures document
- Conduct outreach to other standards such as nestor Seal and ISO 16363
- Envision new global Framework for Certification

Is there an IG or WG that individuals can join on a related topic?
- IG on Repository Audit and Certification

Who can individuals contact to learn more about this deliverable?
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