WaterML2.0
Update

Water for a Healthy Country

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Current scope

• Define a set of in-situ monitoring points:
  • Monitoring station descriptions
  • Requirements for metadata:
    • Existing standards
    • GRDC profile
    • Domain users
Time series encoding

- A conceptual time series model, with:
  - A GML-style coverage encoding
  - A SWE Common encoding
  - Other types (compact)
  - Test in Interoperability experiments
  - How many to ultimately support?
Procedure descriptions

- Define a basic process structure with metadata
- Provide linkage mechanisms for full descriptions
A work plan

• Finalise the harmonisation report (next 2 weeks)
  • Release as public document?
• Targeting June for an OGC document:
  • Outline the use cases for exchange
  • Specifying the profile of O&M (UML)
  • Showing how to use the profile for particular use cases
  • Adapting the model for use (referencing code lists, parameters etc.)
  • Provide XML encoding
  • Provide XML examples

• Defining what aspects people can/will work on 😊
• Future work (out of scope for June):
  • Rating curves
  • Water quality (ex-situ observations)
Thank you

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