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# **INSPIRE Workshop on validation and conformity testing (MIWP-5)**

Scope

Ispra, 14-15 May 2014

# Discussion

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- What should be tested?
  - *Implementing rules requirements and technical Guidelines requirements and recommendations based on the content of technical guidelines*
    - *Focus should be on testing the requirements based on the technical solution(s) given by the TG*
    - *Classify requirements and recommendations of TG and derive ATS:*
      - *Requirements of IR*
      - *Additional Requirements of TG*
      - *Additional recommendations of TG*
      - *Not testable requirements/recommendations (tests should be fully-automated)*
    - *Build different conformance classes to distinguish between IR and TG compliance/conformance; start with IR requirements*
    - *Propose update of TG if necessary*

# Discussion

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- What should be tested against?
  - *Instances, not products should be tested*
  - *Metadata, discovery service, view service, download service*
    - *one or more commonly agreed validators based on existing solutions*
    - *Develop ATS first?*
  - *Spatial Data Services, Data Sets (Annex I themes, Annex II/III themes)*
    - *Develop ETS based on ATS of data specifications; distinguish between automatic and manual tests*
- *Initial work on metadata, service and data validation in parallel, but common software development based on common requirements*



# Discussion

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- Endorsed reference implementation of validator(s) as work in progress
  - *Who endorse the reference implementation? MIG → needs to be discussed*
  - *Process/governance of developing and maintaining the tests is needed*
- Reference metadata, services, data would be helpful

# Discussion

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- What will be done with the test results?
  - *No final legal statement from the validation tool because the validator is based on one technical solution; but it's the strongest technical statement a data provider can get; if you passed all the test related to the regulation you are „allowed“ to fill in the conformity statement as „conformant“ to the regulation; ask DG Env*
  - *Improve TG*
  - *Elaborate use case of monitoring dashboard*
  - *Support data providers to improve their resources*
- Who is able to perform tests? Who is the user?
  - Data providers
  - Other stakeholders, needs to be explored by use cases



# Requirements

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- Validator(s) should be reusable and extensible (additional specific conformance classes) by MS (Open Source?)
- Validator(s) should have appropriate interfaces to be used by other applications
- Tests should be versioned
- All tests (ATS, ETS) should have the same structure (testsuite → conformance classes → test cases)
- Tests should be multilingual? → to be decided later
- Tests should be well documented and transparent to the user
- Other requirements will be defined by use cases



# actions

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- Set-up sub-group (before summer)
  - Draft ToR for sub-group on validation and conformity testing (outcome, actions, timeline, resources, ...)
  - Identify the lead
  - Call for participants to the MIG and PoE
- Use case definitions for the common tool based on a template (Giacomo, Michael Sch.)  
→ derive requirements
- Review TG for metadata and classify the requirements based on a template of data specs. (Paul, Etienne, Antonio, Michael O., Alejandra)
  - Compare different implementations of the requirements based on this review
- Review TG for services and classify the requirements based on a template of data specs. (Angelo?, Michael L., Michael Sch., Thijs?, Ilkka?, Etienne?); Alejandra will provide document as an input
  - Compare different implementations of the requirements based on this review



# actions

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- From ATS to ETS: explore ATS on how the tests could be implemented; pilots: protected sites, natural risk zones, land use (Angelo, Giacomo, Robert, Carlo, Markus, Darja)
- Overview about existing solutions for comparison
- Regular teleconferences: every two weeks