



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

MIWP-5 overview

Ispra, 14-15 May 2014

Issues

- a great need of tools for validation (metadata, service and data)
- different tools for validation of metadata and services available, but these might include slightly different interpretations of standards
- Software vendors claim that their products are INSPIRE-compliant without having undergone a certification process
- the *abstract test suites* in Inspire data specifications define the set of tests to be applied but there is no reference implementation of those abstract test suites yet



Proposed change or action

- Develop a commonly agreed European validator for INSPIRE metadata, network services (incl. testing of quality of service criteria) and data sets.
 - Testing should focus on interoperability of applications and services
 - legal compliance cannot be checked based on conformity with TG
 - The validation rules should be made explicit so that data providers in Members States know what is validated and how it is validated
 - the MIG should jointly agree on the tests to be included in the validator
 - Investigate feasibility of executable tests and/or tools or services for checking conformance of datasets with the data specifications



Proposed change or action

- Establish a rule that all new TG need to include abstract test suites and executable tests.
- Discuss the possibilities for setting up a compliance certification facility and process similar to the OGC.



Outcome

- Common validation tool(s)
- Commonly agreed tests (validation rules)
 - Metadata
 - Network services
 - Data Sets
- Policies and procedures of validation and testing (INSPIRE testing maintenance framework), e.g. rules for developing/maintaining tests
- Feasibility study of setting up a compliance certification facility and process similar to OGC CITE



First steps

- Define scope of validation and conformity testing
 - Do we test implementing rules? Technical guidelines? Something else?
 - Different meaning between conformity to IR and conformity to TG
- Define requirements for a common validator
- Collect information on existing validation tools/platforms and approaches
- Evaluate existing tools on how they meet the requirements defined beforehand