

SC32 WG2 N1443

Title: Request for a study period on the metamodel for registration of information models

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Source: Keith Gordon

The MFI series of standards seeks to promote interoperability through the registration of models and other artefacts that describe the facilities and services provided by IT systems.

MFI currently comprises 9 parts, most of which are still under development. These are:

- Part 1: Reference model
- Part 2: Core model
- Part 3: Metamodel for ontology registration
- Part 4: Metamodel for model mapping
- Part 5: Metamodel for process model registration
- Part 6: Registration procedures
- Part 7: Metamodel for service registration
- Part 8: Metamodel for role and goal registration
- Part 9: On Demand Model Selection (ODMS) [Technical Report]

Together these parts provide metamodels that describe the information to be recorded whenever a model or other artefact is registered.

An essential aspect of interoperability is the sharing of information. This requires that information models should be registered and mappings between registered information models recorded. There is no provision within the current MFI series of standards for the registration of information models.

It is requested that SC32WG2 initiate a study period to investigate the feasibility of the inclusion of a metamodel for the registration of information models within MFI.

The study period should run from May 2010 until May 2011. The deliverable should be a Working Draft of a new part for MFI describing the a metamodel for the registration of information models.