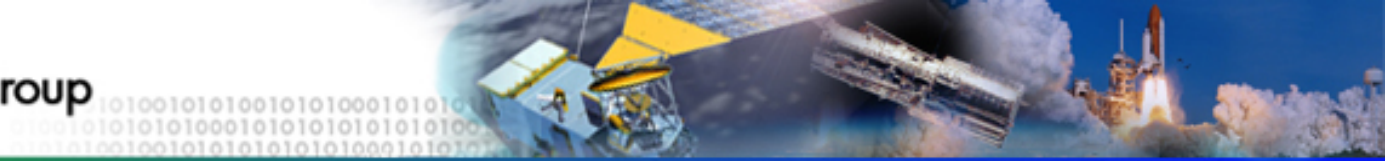




The HDF Group



# XMG – Berlin

# Ted Habermann, U.S.

Reliable repositories are required for ISO TC211 XML artifacts (schema, xslt, sch examples, ...).

1. Document Repository – LiveLink (need XMG folder)
2. Working Repository – version control, branching, wiki, issue tracker
3. Permanent Repository Location?
  - A. <http://standards.iso.org/iso/19115/-3/>
  - B. <http://www.isotc211.org/2005/>
  - C. [http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO\\_19139\\_Schemas/](http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/)

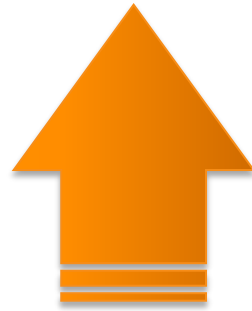
Need html files in the incorrect locations

The recommended URI for the 19115-3 namespace xxx is

`http://URL/namespace/xxx/Version[/YYYY-MM-DD/]`



Permanent



Final



Working

1. a minimum of one namespace should be created per UML package in the conceptual model, i.e. multiple UML packages should not be combined into single namespaces
2. UML packages can be split into multiple namespaces if necessary to ease the implementation and management of the life-cycles of various components
3. minimize dependencies between namespaces, and eliminate circular dependencies

19115-3

mdb = MD

mdq = DQ

mrl = LI

mrc = MD\_ContentInformation

msr = MD\_SpatialRepresentation

19157-2

mdq = Metadata for Data Quality

dqm = Data Quality Measures

19115-2

mdb = MI

mdq = DE

mrl = LE

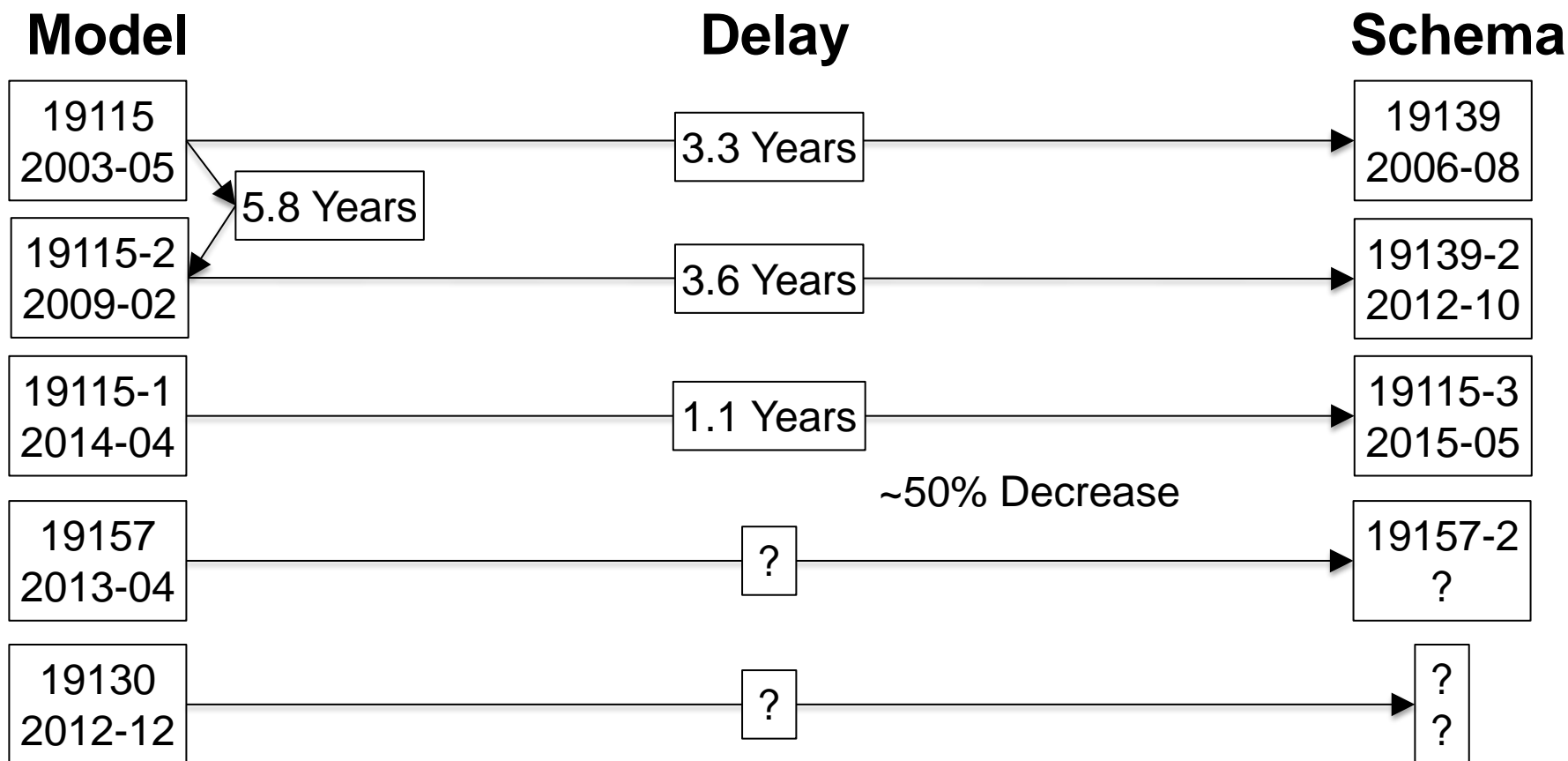
mrc = MI\_ContentInformation

msr = MI\_SpatialRepresentation

mac = MI\_Acquisition Information



# Concepts > Implementations



Now creating XML schemas directly from UML models using software developed in OGC Testbed. This capability is also being added directly into the tool by the vendor.

Test schemas for 19115-1 and 19157 are available now.



# One Schema to Unite Them All!

