Notes Dagstuhl 2017-10-19 4pm

Programming Languages

Oliver

From DDI-Views-Production/transform/Programming-languages

Walked through xsl transform

Stype sheet iterates over entire model, and for each class imports a specific programming language binding (Java). , filepath, ….

Currently the Java classes generated compile but don’t act properly (consume, etc.)

In the future might be possible to auto generate a web application with forms etc.

Other languages than Java could be targeted.

Other approaches?

Oliver annotations for XML, COGS annotations for JSON

End users would have to handle version management. Implementers do this differently. These are classes for reading and writing the format, but not for the version management.

Bottom line - there will need to be more functionality needed than what the generators can do.

Do these apply to JSON?

 In C# this involves a third party library

Next step

 Needs: Time, input from others (published to BitBucket)

 Would a face to face meeting help? Oliver available remotely Chur week. Cancun?

 Input is Lion exported XMI