**“XML to RDF” Transformation processes using XSLT – best practices and challenges**

**Introduction (Christian Dirschl + phil?)**

* Use cases we can address
  + Content enrichment
  + Content quality improvement
* Processes and standards we can use
  + XSLT transformation
  + Other approaches as list

**XML to RDF via XSLT**

* Recommended process
  + Pre-processing of XML (Quentin reuse)
  + …
* Best practices (All)
  + Create documented XSLT repository for re-use
* Tools at hand (Christoph)
  + Krextor
  + XSLTdoc
* Standards available (short paragraphs. Christoph initially)
  + XML
  + RDF
  + RDFa (Sergey)
  + XSLT 2.0 (or XSLT 3.0?)
  + XLIFF (most relevant in localization and translation industry) Phil
  + …

**RDF to XML (not XSLT)**

* Best practices
  + XSPARQL
  + ~~JSON-LD~~

**Summary**

* XSLT widely used
* XSLT can do the job
* Main obstacles are … (Christoph initially +others)
  + Complexity of XSLT
  + Major maintenance issues of XSLT
  + Mixed content
* Recommendations for future progress