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

**Introduction**

* 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
	+ …
* Best practices
	+ Create documented XSLT repository for re-use
* Tools at hand
	+ Krextor
* Standards available
	+ XML
	+ RDF
	+ RDFa
	+ XSLT 2.0 (or XSLT 3.0?)
	+ XLIFF
	+ …

**RDF to XML (not XSLT)**

* Best practices
	+ XSPARQL
	+ JSON-LD

**Summary**

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