

ISO/TS 20022-4:2004-12 (E)

Financial services - UNiversal Financial Industry message scheme - Part 4: ISO 20022 XML design rules

Contents

Page

Foreword	1	Introduction	4
2		Normative references	4
3		ISO 20022 conversion from UML to XML	5
3.1		Assumptions	5
3.2		Terminology and conventions	5
3.2.1		Modelling terminology and conventions	5
3.2.2		XML naming conventions	6
3.3		UML to XML schema and XML instance conversion rules	7
3.3.1		Relationship between XML and UML artefacts	7
3.3.2		Data Types	7
3.3.3		Conversion rules for UML patterns	20
4		Adopted XML schema features	36
4.1		Assumptions	36
4.2		Features	36
4.2.1		Namespaces in XML schema and XML instances	36
4.2.2		XML facets on simpleTypes	37
4.3		Granularity of schemas	40
4.4		Summary of UML operations using <<Format>> related to schema production	40
4.5		Character set	41
Annex A:		XML abbreviations	43