

ISO 24531:2007-07 (E)

Intelligent transport systems - System architecture, taxonomy and terminology - Using XML in ITS standards, data registries and data dictionaries

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	1
3	Normative references	2
4	Terms and definitions	2
5	Symbols and abbreviated terms	8
6	Document convention	9
7	Requirements	9
7.1	Required conditions	11
7.2	Required items	11
7.3	Rules for using XML in ITS standards	11
8	Rules for registration and management of XML Schema constructs in data registry (DR) and/or data dictionaries (DDs)	19
8.1	Objectives of Schema constructs registration and management	19
8.2	Why use ISO 14817 data registry/data dictionary (DR/DD)?	19
8.3	ISO 14817 registration/management of Schema constructs	21
8.4	Schema constructs mapping to the ISO 14818 constructs	22
8.5	Registration and management rules	23
	Annex A (informative) Model/document transformation	25
	Annex B (informative) ISO/TC 204 representation of IRI(URI) and/or ID related constructs	28
	Annex C (informative) Schema header template	29
	Annex D (informative) Example of registering an XML construct	34
	Annex E (informative) Example of automatic generation of an XML schema from UML	37
	Annex F (informative) Applying ASN.1 encoding for XML document	48
	Annex G (informative) ASN.1 transformation to XML Schema example	50
	Bibliography	60