

ISO 14289-2:2024-03 (E)

Document management applications - Electronic document file format enhancement for accessibility - Part 2: Use of ISO 32000-2 (PDF/UA-2)

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Notation	2
5	Version identification	2
6	Conformity requirements	3
6.1	General	3
6.2	Conforming files	3
7	Accessible PDF	4
7.1	Principles	4
7.2	Using other standards in the PDF/UA context	5
7.2.1	Accessibility standards	5
7.2.2	Declarations	5
7.2.3	Other PDF subset standards	5
8	File format requirements	5
8.1	General	5
8.2	Logical structure	6
8.2.1	General	6
8.2.2	Real content	6
8.2.3	Logical content order	7
8.2.4	Structure types	7
8.2.5	Additional requirements for specific structure types	8
8.2.6	Structure attributes	18
8.3	Artifacts	19
8.3.1	General	19
8.3.2	Use of the Artifact structure element	19
8.4	Text representation for content	20
8.4.1	General	20
8.4.2	Unicode mapping in tagged PDF	20
8.4.3	Replacements and alternatives for text	20
8.4.4	Declaring natural language	20
8.4.5	Fonts	20
8.5	Real content without textual semantics	23
8.5.1	General	23
8.5.2	Use of ActualText	23
8.6	Text string objects	24
8.7	Optional content	24
8.8	Intra-document destinations	24
8.9	Annotations	24
8.9.1	General	24
8.9.2	Semantics and content	25
8.9.3	Order	29
8.9.4	Alternative descriptions	30

8.10	Forms	30
8.10.1	General	30
8.10.2	Context	31
8.10.3	Fields	32
8.10.4	Non-interactive forms	33
8.11	Metadata	34
8.11.1	General	34
8.11.2	Interactive aspects	34
8.12	Navigation	34
8.12.1	General	34
8.12.2	Outlines	34
8.12.3	Page labels	34
8.12.4	Article threads	34
8.13	Actions	34
8.13.1	General	34
8.13.2	ECMAScript actions	34
8.13.3	URI actions	35
8.14	Use of embedded files	35
8.14.1	Descriptions for embedded files	35
8.14.2	Use of associated files	35
Annex A (informative) Example PDF Declaration		36
Annex B (informative) Examples of attribute usage		37
Bibliography		42