

ISO 23504-1:2020 (E)

Document management applications — Raster image transport and storage — Part 1: Use of ISO 32000 (PDF/R-1)

Contents

| | |
|-------|--|
| | Foreword |
| | Introduction |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | Notation |
| 5 | Version identification |
| 6 | Conformity requirements |
| 6.1 | General |
| 6.2 | PDF subset |
| 6.2.1 | General |
| 6.2.2 | Unencrypted PDF/R files |
| 6.2.3 | Encrypted PDF/R files |
| 6.2.4 | Unencrypted and encrypted PDF/R files |
| 6.3 | Catalog dictionary |
| 6.4 | Metadata |
| 6.4.1 | General |
| 6.4.2 | Document level and page level metadata streams |
| 6.4.3 | Document information dictionary |
| 6.4.4 | XMP Metadata |
| 6.5 | Page objects |
| 6.5.1 | General |
| 6.5.2 | Page tree nodes |
| 6.5.3 | Media box |
| 6.5.4 | Annots array and digital signatures |
| 6.5.5 | Resources dictionary |
| 6.5.6 | Rotation |
| 6.5.7 | Content stream |
| 6.6 | Strips |
| 6.6.1 | General |
| 6.6.2 | Bitonal images |
| 6.6.3 | Grayscale images |
| 6.6.4 | RGB images |
| 6.7 | Incremental updates |
| 6.8 | Encryption |

Annex A (informative) Application notes

| | |
|-----|-------------------------------|
| A.1 | General |
| A.2 | Scan order versus orientation |
| A.3 | Calculating the MediaBox |
| A.4 | Reconstructing resolution |
| A.5 | Value ranges |
| A.6 | PDF/A-conforming PDF/R files |
| A.7 | Encryption of PDF/R files |
| A.8 | Approximate sRGB using CalRGB |
| A.9 | PDF/R example |