

ISO/IEC 19757-7:2020 (E)

Information technology — Document Schema Definition Languages (DSDL) — Part 7: Character Repertoire Description Language (CREPDL)

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Notation
5	Overview
5.1	Basic constructs and compound constructs
5.2	Characters and code points
5.3	Grapheme clusters
5.4	Kernel and Hull
6	Syntax
6.1	General
6.2	RELAX NG schema
6.3	NVDL script
6.4	Regular Expressions
7	Semantics
7.1	General
7.2	char
7.3	union
7.4	intersection
7.5	difference
7.6	ref
7.7	repertoire
8	Validation
Annex A	(informative) Differences of conformant processors
Annex B	(informative) Example CREPDL schemas
B.1	ISO/IEC 8859-6
B.2	ISO/IEC 8859-15
B.3	Armenian collection
B.4	Malayalam collection
B.5	The Japanese list of kanji characters for the first grade
B.6	The Japanese list of kanji characters for the second grade
B.7	Grapheme clusters for the Italian language
B.8	Grapheme clusters for an IVS collection