

ISO/IEC 19075-1:2021-08 (E)

Information technology - Guidance for the use of database language SQL - Part 1: XQuery regular expressions

Contents	Page
Foreword.	v
Introduction.	vii
1 Scope.	1
2 Normative references.	2
3 Terms and definitions.	3
4 XQuery regular expressions.	4
4.1 Context of XQuery regular expressions.	4
4.2 Introduction to XQuery regular expressions.	4
4.3 Matching a specific character.	4
4.4 Metacharacters and escape sequences.	5
4.5 Dot.	6
4.6 Anchors.	7
4.7 Line terminators.	7
4.8 Bracket expressions.	8
4.8.1 Introduction to bracket expressions.	8
4.8.2 Listing characters.	8
4.8.3 Matching a range.	9
4.8.4 Negation.	9
4.8.5 Character class subtraction.	9
4.9 Alternation.	9
4.10 Quantifiers.	10
4.11 Locating a match.	11
4.12 Capture and back-reference.	12
4.13 Precedence.	13
4.14 Modes.	13
5 Operators using regular expressions.	15
5.1 Introduction to operators using regular expressions.	15
5.2 LIKE_REGEX.	15
5.3 OCCURRENCES_REGEX.	16
5.4 POSITION_REGEX.	17
5.5 SUBSTRING_REGEX.	19
5.6 TRANSLATE_REGEX.	20
Bibliography.	23
Index.	24

Table	Page
1 Match priorities.	11