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Information technology – Database languages – SQL Technical Reports

Part 6: SQL support for JavaScript Object
Notation (JSON)

bsi.

National foreword

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**Information technology — Database
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**Part 6:
SQL support for JavaScript Object
Notation (JSON)**

*Technologies de l'information — Langages de base de données — SQL
rapport techniques —*

Partie 6: Support de SQL pour JavaScript Object Notation (JSON)



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Foreword

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This document was prepared by Technical Committee ISO/IEC JTC 1, Information technology, Subcommittee SC 32, *Data management and interchange*.

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NOTE 1 — The individual parts of multi-part technical reports are not necessarily published together. New editions of one or more parts can be published without publication of new editions of other parts.

Introduction

The organization of this part of ISO/IEC 19075 is as follows:

- 1) **Clause 1, “Scope”**, specifies the scope of this part of ISO/IEC 19075.
- 2) **Clause 2, “Normative references”**, identifies additional standards that, through reference in this part of ISO/IEC 19075, constitute provisions of this part of ISO/IEC 19075.
- 3) **Clause 3, “JavaScript Object Notation (JSON)”**, introduces what is JSON.
- 4) **Clause 4, “The SQL/JSON data model”**, introduces the data model that is used by the SQL/JSON functions and the SQL/JSON path language.
- 5) **Clause 5, “SQL/JSON functions”**, introduces the SQL/JSON functions to query and construct JSON.
- 6) **Clause 6, “SQL/JSON path language”**, introduces the SQL/JSON path language.

Information technology — Database languages — SQL Technical Reports —**Part 6:****SQL support for JavaScript Object Notation (JSON)****1 Scope**

This Technical Report describes the support in SQL for JavaScript Object Notation.

This Technical Report discusses the following features of the SQL language:

- Storing JSON data.
- Publishing JSON data.
- Querying JSON data.
- SQL/JSON data model and path language.