OData Compact JSON Format Version 4.01

Working Draft 01

06 February 2018

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Additional artifacts:

This prose specification is one component of a Work Product that also includes:

* XML schemas: (list file names or directory name)
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Related work:

This specification is related to:

* *OData Version 4.01*. Edited by Michael Pizzo, Ralf Handl, and Martin Zurmuehl. A multi-part Work Product which includes:
  + *OData Version 4.01. Part 1: Protocol*. Latest version: <http://docs.oasis-open.org/odata/odata/v4.01/odata-v4.01-part1-protocol.html>.
  + *OData Version 4.01. Part 2: URL Conventions*. Latest version: <http://docs.oasis-open.org/odata/odata/v4.01/odata-v4.01-part2-url-conventions.html>.
  + *ABNF components: OData ABNF Construction Rules Version 4.01 and OData ABNF Test Cases*. <http://docs.oasis-open.org/odata/odata/v4.01/cs01/abnf/>.
* *OData JSON Format Version 4.01*. Edited by Ralf Handl, Michael Pizzo, and Mark Biamonte. Latest version: <http://docs.oasis-open.org/odata/odata-json-format/v4.01/odata-json-format-v4.01.html>.

Abstract:

The Open Data Protocol (OData) is a set of specifications for representing and interacting with structured content. It comprises of both core specifications and a JSON format specification specific to OData.

This document describes a compact JSON format for OData which can act as a lossless alternative JSON format for representing OData responses. Its prime aim is to minimize the uncompressed size of the responses returned by the service.

Status:

This [Working Draft](https://www.oasis-open.org/policies-guidelines/oasis-defined-terms-2017-05-26#dWorkingDraft) (WD) has been produced by one or more TC Members; it has not yet been voted on by the TC or [approved](https://www.oasis-open.org/policies-guidelines/tc-process#committeeDraft) as a Committee Draft (Committee Specification Draft or a Committee Note Draft). The OASIS document [Approval Process](https://www.oasis-open.org/policies-guidelines/tc-process#standApprovProcess) begins officially with a TC vote to approve a WD as a Committee Draft. A TC may approve a Working Draft, revise it, and re-approve it any number of times as a Committee Draft.

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# Introduction

[All text is normative unless otherwise labeled]

## IPR Policy

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## Terminology

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [[RFC2119](#RFC2119)] and [[RFC8174](#RFC8174)].

## Normative References

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<http://www.rfc-editor.org/info/rfc2119>>.

**[****RFC8174]** Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<http://www.rfc-editor.org/info/rfc8174>>.

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For example:

**[OpenDoc-1.2]** *Open Document Format for Office Applications (OpenDocument) Version 1.2*. Edited by Patrick Durusau and Michael Brauer. 19 January 2011. OASIS Committee Specification Draft 07. <http://docs.oasis-open.org/office/v1.2/csd07/OpenDocument-v1.2-csd07.html>. Latest version: <http://docs.oasis-open.org/office/v1.2/OpenDocument-v1.2.html>.

*Reference sources:*

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For references to **W3C Recommendations**, use the approved citation formats at:  
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# Section Title

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## Level 2 section title

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### Level 3 section title

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#### Level 4 section title

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##### Levels 5

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###### Level 6

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# Conformance

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1. Acknowledgments

(**Note:** A Work Product approved by the TC must include a list of people who participated in the development of the Work Product. This is generally done by collecting the list of names in this appendix. This list shall be initially compiled by the Chair, and any Member of the TC may add or remove their names from the list by request.

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The following individuals have participated in the creation of this specification and are gratefully acknowledged:

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1. Example Title

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* 1. Subsidiary section

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1. Revision History

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Editor** | **Changes Made** |
| [Rev number] | [Rev Date] | [Modified By] | [Summary of Changes] |