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OpenEOX Shell Schema Version 1.0

Committee Specification Draft 01/WD

16 Jul 2025

This stage:

https://docs.oasis-open.org/openeox/eox-shell/v2.1/csd01/eox-shell-v1.0-csd01.md (Authoritative)
https://docs.oasis-open.org/openeox/eox-shell/v2.1/csd01/eox-shell-v1.0-csd01.html
https://docs.oasis-open.org/openeox/eox-shell/v2.1/csd01/eox-shell-v1.0-csd01.pdf

Previous stage:

N/A

Latest stage:

https://docs.oasis-open.org/csaf/csaf/v2.1/csaf-v2.1.md (Authoritative)
https://docs.oasis-open.org/openeox/eox-shell/v1.0/eox-shell-v1.0.html
https://docs.oasis-open.org/openeox/eox-shell/v1.0/eox-shell-v1.0.pdf

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Additional artifacts:

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

- EOX Shell JSON schema: https://docs.oasis-open.org/openeox/eox-shell/v1.0/csd01/schema/eox-shell.json.
  Latest stage: https://docs.oasis-open.org/openeox/eox-shell/v1.0/schema/eox-shell.json.

Related work:

This specification replaces or supersedes:

n/a

Declared JSON namespaces:

- https://docs.oasis-open.org/openeox/eox-shell/v1.0/schema/eox-shell.json

Abstract:

The OpenEoX Shell Schema defines shell schemas for the OpenEOX unified machine-readable approach to managing and sharing End-of-Life (EOL) and End-of-Support (EOS) information for commercial and open source software and hardware.

Status:

This document was last revised or approved by the membership of OASIS on the above date. The level of approval is also listed above. Check the "Latest stage" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at https://groups.oasis-open.org/communities/tc-community-home2?CommunityKey=26350f39-9c7b-4bf2-a422-018dc7d3f5aa.

TC members should send comments on this specification to the TC's email list. Any individual may submit comments by following the instructions listed at https://groups.oasis-open.org/communities/community-home?CommunityKey=c9295ed5-b5f9-4a51-8893-018f5aa7fc09.

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Note that any machine-readable content (Computer Language Definitions) declared Normative for this Work Product is provided in separate plain text files. In the event of a discrepancy between any such plain text file and display content in the Work Product's prose narrative document(s), the content in the separate plain text file prevails.

Key words:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in BCP 14 [RFC2119] and [RFC8174] when, and only when, they appear in all capitals, as shown here.

Citation format:

When referencing this specification the following citation format should be used:

[EOX-Shell-v1.0]

OpenEOX Shell Schema Version 1.0. Edited by jautau WHite, Stefan Hagen, and Thomas Schmidt. 16 July 2025. OASIS Committee Specification Draft 01. https://docs.oasis-open.org/openeox/eox-shell/v1.0/csd01/eox-shell-v1.0-csd01.htmll. Latest stage: https://docs.oasis-open.org/openeox/eox-shell/v1.0/eox-shell-v1.0-csd01.html.

Notices

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1 Introduction

1.1 Typographical Conventions

Keywords defined by this specification use this `monospaced` font.

```
Normative source code uses this paragraph style.
```

Some sections of this specification are illustrated with non-normative examples introduced with "Example" or "Examples" like so:

Example 1:

```
Informative examples also use this paragraph style but preceded by the text "Exampl
```

All examples in this document are informative only.

All other text is normative unless otherwise labeled e.g. like the following informative comment:

> This is a pure informative comment that may be present, because the information conveyed is deemed useful advice or common pitfalls learned from implementer or operator experience and often given including the rationale.

2 Overview

TBD

3 Conformance

TBD

Appendix A. References

This appendix contains the normative and informative references that are used in this document.

While any hyperlinks included in this appendix were valid at the time of publication, OASIS cannot guarantee their long-term validity.

A.1 Normative References

The following documents are referenced in such a way that some or all of their content constitutes requirements of this document.

ECMA-262 *ECMAScript® 2024 Language Specification*, ECMA-262, 15th edition, June 2024, `https://262.ecma-international.org/15.0/`

ISO8601-1 *Date and time — Representations for information interchangePart 1: Basic rules*, International Standard, ISO 8601-1:2019(E), February 25, 2019, `https://www.iso.org/standard/70907.html`.

JSON-Schema-Core *JSON Schema: A Media Type for Describing JSON Documents*, draft-bhutton-json-schema-00, December 2020, `https://datatracker.ietf.org/doc/html/draft-bhutton-json-schema-00`.

JSON-Schema-Validation *JSON Schema Validation: A Vocabulary for Structural Validation of JSON*, draft-bhutton-json-schema-validation-00, December 2020, `https://datatracker.ietf.org/doc/html/draft-bhutton-json-schema-validation-00`.

JSON-Hyper-Schema *JSON Hyper-Schema: A Vocabulary for Hypermedia Annotation of JSON*, draft-handrews-json-schema-hyperschema-02, September 2019, `https://json-schema.org/draft/2019-09/json-schema-hypermedia.html`.

Relative-JSON-Pointers *Relative JSON Pointers*, draft-bhutton-relative-json-pointer-00, December 2020, `https://datatracker.ietf.org/doc/html/draft-bhutton-relative-json-pointer-00`.

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

RFC3339 Klyne, G. and C. Newman, "Date and Time on the Internet: Timestamps", RFC 3339, DOI 10.17487/RFC3339, July 2002, `https://www.rfc-editor.org/info/rfc3339`.

RFC4180 Shafranovich, Y., "Common Format and MIME Type for Comma-Separated Values (CSV) Files", RFC 4180, DOI 10.17487/RFC4180, October 2005, `https://www.rfc-editor.org/info/rfc4180`.

RFC7230 Roy T. Fielding and Julian Reschke, "Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing", RFC 7230, DOI 10.17487/RFC7230, June 2014, `https://www.rfc-editor.org/info/rfc7230`.

RFC7464 Williams, N., "JavaScript Object Notation (JSON) Text Sequences", RFC 7464, DOI 10.17487/RFC7464, February 2015, `https://www.rfc-editor.org/info/rfc7464`.

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

RFC8259 T. Bray, Ed., "The JavaScript Object Notation (JSON) Data Interchange Format", RFC 8259, DOI 10.17487/RFC8259, December 2017, `https://www.rfc-editor.org/info/rfc8259`.

RFC9562 Davis, K., Peabody, B., and P. Leach, "Universally Unique IDentifiers (UUIDs)", RFC 9562, DOI 10.17487/RFC9562, May 2024, `https://www.rfc-editor.org/info/rfc9562`.

SPDX301 *The System Package Data Exchange® (SPDX®) Specification Version 3.0.1*, Linux Foundation and its Contributors, 2024, `https://spdx.github.io/spdx-spec/`.

A.2 Informative References

TBD

Appendix B. Safety, Security and Data Protection

TBD

Appendix B. Safety, Security and Data Protection

Appendix C. Acknowledgments

The following individuals were members of the OASIS OpenEOX Technical Committee during the creation of this specification and their contributions are gratefully acknowledged:

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Appendix D. Revision History

Revision	Date	Editor	Changes Made
eox-shell-v1.0-wd20250716-dev	2025-07-16	Jautau White, Stefan Hagen, and Thomas Schmidt	Preparing initial Editor Revision

Appendix E. Notices

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