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Open
Geospatial
Consortium

OGC (ADD TITLE TEXT)

STANDARD
Implementation

DRAFT

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Submission Date: 2029-03-30
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CONTENTS

I   ABSTRACT

<Insert Abstract Text here>

II   KEYWORDS

The following are keywords to be used by search engines and document catalogues.

ogcdoc, OGC document, API, openapi, html

III PREFACE

NOTE: Insert Preface Text here. Give OGC specific commentary: describe the technical content, reason for document, history of the document and precursors, and plans for future work.

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IV   SECURITY CONSIDERATIONS

No security considerations have been made for this Standard.

V SUBMITTING ORGANIZATIONS

The following organizations submitted this Document to the Open Geospatial Consortium (OGC):

- Organization One
- Organization Two

VI SUBMITTERS

All questions regarding this submission should be directed to the editor or the submitters:

Name	Affiliation

VII CONTRIBUTORS

Additional contributors to this Standard include the following:

Individual name(s), Organization

PREFACE

PREFACE

NOTE: Insert Preface Text here. Give OGC specific commentary: describe the technical content, reason for document, history of the document and precursors, and plans for future work. > Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The Open Geospatial Consortium shall not be held responsible for identifying any or all such patent rights.

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1

SCOPE

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1   SCOPE

NOTE: Insert Scope text here. Give the subject of the document and the aspects of that scope covered by the document.

2

CONFORMANCE

2 CONFORMANCE

This standard defines XXXX.

Requirements for N standardization target types are considered:

- AAAA

- BBBB

Conformance with this standard shall be checked using all the relevant tests specified in Annex A (normative) of this document. The framework, concepts, and methodology for testing, and the criteria to be achieved to claim conformance are specified in the OGC Compliance Testing Policies and Procedures and the OGC Compliance Testing web site.

In order to conform to this OGC® interface standard, a software implementation shall choose to implement:

- Any one of the conformance levels specified in Annex A (normative).

- Any one of the Distributed Computing Platform profiles specified in Annexes TBD through TBD (normative).

All requirements-classes and conformance-classes described in this document are owned by the standard(s) identified.

3

NORMATIVE REFERENCES

3 NORMATIVE REFERENCES

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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4
TERMS AND DEFINITIONS

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4 TERMS AND DEFINITIONS

This document uses the terms defined in OGC Policy Directive 49, which is based on the ISO/IEC Directives, Part 2, Rules for the structure and drafting of International Standards. In particular, the word "shall" (not "must") is the verb form used to indicate a requirement to be strictly followed to conform to this document and OGC documents do not use the equivalent phrases in the ISO/IEC Directives, Part 2.

This document also uses terms defined in the OGC Standard for Modular specifications (OGC 08-131r3), also known as the 'ModSpec'. The definitions of terms such as standard, specification, requirement, and conformance test are provided in the ModSpec.

For the purposes of this document, the following additional terms and definitions apply.

This document uses the terms defined in OGC Policy Directive 49, which is based on the ISO/IEC Directives, Part 2, Rules for the structure and drafting of International Standards. In particular, the word "shall" (not "must") is the verb form used to indicate a requirement to be strictly followed to conform to this standard.

For the purposes of this document, the following additional terms and definitions apply.

4.1. example term

term used for exemplary purposes

Note 1 to entry: An example note.

Example   Here's an example of an example term.

[**SOURCE:** ISO 19101-1:2014]

5

CONVENTIONS

5 CONVENTIONS

This sections provides details and examples for any conventions used in the document. Examples of conventions are symbols, abbreviations, use of XML schema, or special notes regarding how to read the document.

5.1. Identifiers

The normative provisions in this standard are denoted by the URI

```
http://www.opengis.net/spec/{standard}/{m.n}
```

All requirements and conformance tests that appear in this document are denoted by partial URIs which are relative to this base.

6

CLAUSES NOT CONTAINING NORMATIVE MATERIAL

6   CLAUSES NOT CONTAINING NORMATIVE MATERIAL

Paragraph

6.1. Clauses not containing normative material sub-clause 1

Paragraph

6.2. Clauses not containing normative material sub-clause 2

7

CLAUSE CONTAINING NORMATIVE MATERIAL

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7 CLAUSE CONTAINING NORMATIVE MATERIAL

Paragraph

7.1. Requirement Class A or Requirement A Example

Paragraph – intro text for the requirement class.

Use the following table for Requirements Classes.

REQUIREMENTS CLASS 1: REQUIREMENTS CLASS 'A'	
IDENTIFIER	http://www.opengis.net/spec/ABCD/m.n/req/req-class-a
TARGET TYPE	Web API
CONFORMANCE CLASS	Conformance class A.1: http://www.opengis.net/spec/name-of-standard/1.0/conf/example1
NORMATIVE STATEMENTS	Requirement 1: /req/req-class-a/req-name-1 Requirement 2: /req/req-class-a/req-name-2

7.1.1. Requirement 1

Paragraph — intro text for the requirement.

Use the following table for Requirements, number sequentially.

REQUIREMENT 1	
IDENTIFIER	/req/req-class-a/req-name-1
INCLUDED IN	Requirements class 1: http://www.opengis.net/spec/ABCD/m.n/req/req-class-a
A	Requirement 'shall' statement

Dictionary tables for requirements can be added as necessary. Modify the following example as needed.

Table 1

NAMES	DEFINITION	DATA TYPES AND VALUES	MULTIPLICITY AND USE
name 1	definition of name 1	float	One or more (mandatory)
name 2	definition of name 2	character string type, not empty	Zero or one (optional)
name 3	definition of name 3	GML:: Point PropertyType	One (mandatory)

7.1.2. Requirement 2

Paragraph — intro text for the requirement.

Use the following table for Requirements, number sequentially.

REQUIREMENT 2	
IDENTIFIER	/req/req-class-a/req-name-2
INCLUDED IN	Requirements class 1: http://www.opengis.net/spec/ABCD/m.n/req/req-class-a
A	The server SHALL support process input values encoded as qualified values.
B	The value of the `value` key SHALL be an *object* instance.

MEDIA TYPES FOR ANY DATA ENCODING(S)

8 MEDIA TYPES FOR ANY DATA ENCODING(S)

A section describing the MIME-types to be used is mandatory for any standard involving data encodings. If no suitable MIME type exists in http://www.iana.org/assignments/media-types/index.html then this section may be used to define a new MIME type for registration with IANA.

A

ANNEX A (INFORMATIVE) CONFORMANCE CLASS ABSTRACT TEST SUITE (NORMATIVE)

A ANNEX A (INFORMATIVE) CONFORMANCE CLASS ABSTRACT TEST SUITE (NORMATIVE)

NOTE: Ensure that there is a conformance class for each requirements class and a test for each requirement (identified by requirement name and number)

A.1. Conformance Class A

CONFORMANCE CLASS A.1	
IDENTIFIER	`http://www.opengis.net/spec/name-of-standard/1.0/conf/example1`
REQUIREMENTS CLASS	Requirements class 1: `http://www.opengis.net/spec/ABCD/m.n/req/req-class-a`
TARGET TYPE	Web API
CONFORMANCE TESTS	Abstract test A.1: `/conf/core/map-response` Abstract test A.2: `/conf/core/http`

A.1.1. Example 1

ABSTRACT TEST A.1	
IDENTIFIER	`/conf/core/map-response`
REQUIREMENT	Requirement 1: `/req/req-class-a/req-name-1`
TEST PURPOSE	Verify that the implementation's response for the map retrieval operation is correct
TEST METHOD	A single step test method can be documented as a single line.

A.1.2. Example 2

ABSTRACT TEST A.2	
IDENTIFIER	`/conf/core/http`
REQUIREMENT	Requirement 2: `/req/req-class-a/req-name-2`
TEST PURPOSE	Validate that the resource paths advertised through the API conform with HTTP 1.1 and, where appropriate, TLS.
TEST METHOD	1. A sequential multi-step test method can be documented as shown here. This is the first step. 2. This is the second step.

B

ANNEX B (INFORMATIVE) TITLE

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B ANNEX B (INFORMATIVE) TITLE

NOTE: Place other Annex material in sequential annexes beginning with "B" and leave final two annexes for the Revision History and Bibliography

C

ANNEX C (INFORMATIVE) REVISION HISTORY

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C ANNEX C (INFORMATIVE) REVISION HISTORY

Table C.1

DATE	RELEASE	EDITOR	PRIMARY CLAUSES MODIFIED	DESCRIPTION
2016-04-28	0.1	G. Editor	all	initial version

BIBLIOGRAPHY

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