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Abstract Specifications

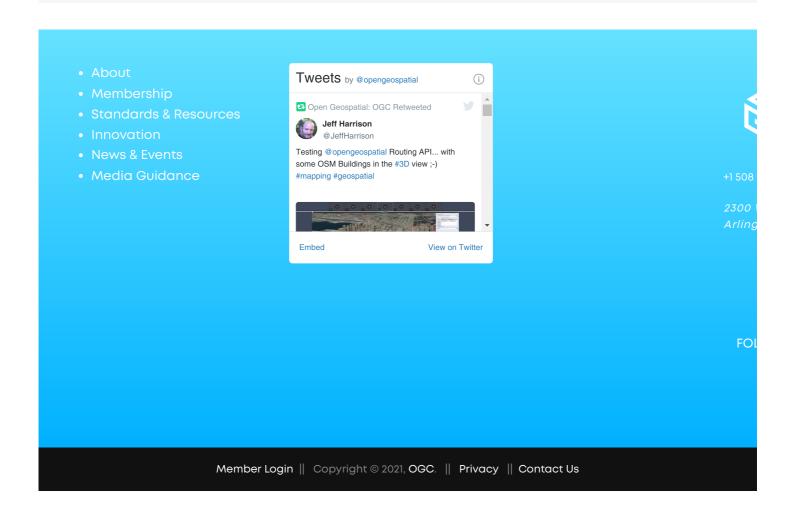
The OGC Technical Committee (TC) has developed an architecture in support of its vision of geospatial technology and data interope Abstract Specification. The Abstract Specification provides the conceptual foundation for most OGC specification development activand protocols are built and referenced against the Abstract Specification, thus enabling interoperability between different brands at spatial processing systems. The Abstract Specification provides a reference model for the development of OGC Implementation Stan

Document Title (click to view/download)	OGC Doc.#	Editor
€Topic 0 - Overview	04-084r4	George Percivall
This document (Topic 0) is an overview of the OGC Abstract Specification.		
Topic 1 - Features and geometry – Part 1: Feature models	17-087r13	John R. Herring
The Implementation Standard "Features and geometry – Part 1: Feature models" describes how geographic info structured, created, stored, queried and manipulated. URLs in this document are identifiers of structural eleme classes, and conformances test suites.		
Topic 2 - Referencing by coordinates Corrigendum	18-005r5	Roger Lott
This document is identical in normative content with the latest edition (2019) of ISO 19111, Geographic Informatio	n - Spatial refe	erencing by coordinate
Topic 3 - Locational Geometry Structures	99-103	Cliff Kottman
Provides essential and abstract models for GIS technology that is widely used.		
Topic 4 - Stored Functions and Interpolation	99-104	Cliff Kottman
This Topic Volume provides essential and abstract models for technology that is used widely across the GIS lar Coverage specifications (see Topic 6, The Coverage Type).	ndscape. Its fir	st heavy use is expecte
Topic 5 - Features	08-126	Cliff Kottman and C
From ISO 19101, "A feature is an abstraction of a real world phenomenon"; it is a geographic feature if it is assoc	iated with a lo	cation relative to the E
Topic 6 - Schema for coverage geometry and functions	07-011	OGC
This International Standard defines a conceptual schema for the spatial characteristics of coverages. Coverage domain to feature attribute values where feature attribute types are common to all geographic positions with direct positions in a coordinate space that may be defined in terms of up to three spatial dimensions as well a	in the domain.	A coverage domain co
Topic 7 - Earth Imagery	04-107	George Percivall
Replaced previous material in Topic 7 with ISO 19101-2, Reference Model - Geographic Information - Imagery. Ve #3. Topic 7 will be updated jointly with the progress of ISO 19191-2. Appendix A of Topic 7, version 4 contained a "Vis now separate OGC Recommendation document.		•
Topic 8 - Relationships Between Features	99-108r2	Cliff Kottman
This Topic introduces an abstraction for the relationships between entities in the real world. This abstraction is Topic 5.	modeled as re	elationships between t
Topic 10 - Feature Collections	99-110	Cliff Kottman
An OpenGIS Feature Collection is an abstract object consisting of Feature Instances, their Feature Schema, an	d Project Sche	ma.
█Topic 11 - Metadata	11-111r1	ISO

https://www.ogc.org/docs/as 1/3

Document Title (click to view/download)	4	OGC Doc.#	Editor
Same as ISO 19115-1:2014. Abstract Specification Topic 11 was updated to the latest version the same as ISO 19115:2003. Please note that many OGC standards and other related world			
Topic 12 - The OpenGIS Service Architecture		02-112	ISO
Same as ISO 19119			
Topic 13 - Catalog Services		99-113	Cliff Kottman
Covers the Geospatial Information Access Services			
Topic 14 - Semantics and Information Communities		99-114	Cliff Kottman
The OpenGIS notion of Information Communities was devised to enable groups such as a mismatches) of their own geodata collections and get maximum benefit from each other.	-		
Topic 15 - Image Exploitation Services		00-115	Cliff Kottman, Arliss Whiteside
Describes the categories and taxonomy of image exploitation services needed to suppo	rt the use of images ar	nd certain rel	ated coverage types.
Topic 16 - Image Coordinate Transformation Services		00-116	Cliff Kottman, Arliss Whiteside
Covers image coordinate conversion services.	'		'
Topic 17 - Location Based Mobile Services		00-117	Cliff Kottman
Draft Abstract Spec for Location Based Services. Never formally adopted			
This document is a reference model for digital rights management (DRM) functionality fo	r geospatial resources		
This document is a reference model for digital rights management (DRM) functionality fo in that geospatial resources must be treated as nearly as possible like other digital resouthat already exists and is thriving, but to make sure that a larger market has access to get the ones already in use.	r geospatial resources urces, such as music, te	(GeoDRM). As	s such, it is connected t s. It is not the intention
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