



ODRL - How We Got Here



ODRL Initiative

W3C ODRL Community Group

<https://www.w3.org/community/odrl/>

POE Working Group



2000

2011

2016

2018

2026

ODRL Version 0.5 - 1.1

ODRL Version 2.0 - 2.1

ODRL Information Model 2.2

W3C Recommendation 15 February 2018

ODRL Vocabulary & Expression 2.2

W3C Recommendation 15 February 2018

Best Practices

Formal Semantics

Temporal Profile

Community Vocab

Workshop on Digital Rights Management

22-23 January 2001, INRIA, Sophia Antipolis, France

Open Digital Rights Language (ODRL)
Version 1.1

W3C Note 19 September 2002



OMA DRM Specification

Candidate Version 2.0 – 16 July 2004

IPTC RightsML Standard 2.0

Market Data Profile for ODRL 1.0

Draft Community Group Report 02 November 2021

Data Catalog Vocabulary (DCAT) Version 3

W3C Recommendation 22 August 2024



Recent Activities



International Standard

Information technology — JPEG Trust —
Part 1:
Core foundation

ISO/IEC 21617-1

First edition
2025-01



Study on copyright and new technologies:
Copyright data management
and artificial intelligence

WORLD WIDE WEB CONSORTIUM (W3C)

with standards for signing and encryption; The Open Digital Rights Language (ODRL), a policy expression language that provides a flexible and interoperable information model, vocabulary, and encoding mechanisms for representing statements about the usage of content and services.



ODRL Profile for Attribute based access/usage control using Verifiable Credential claims

Domains/Sectors

Media, Publishing & Creative Industries (original stronghold)



Finance: Market Data Licensing



AI Opt-Out Vocab



Research/Academic

AgentODRL: A Large Language Model-based Multi-agent System for ODRL Generation

Wanle Zhong, Keman Huang¹, Xiaoyong Du
School of Information, Renmin University of China, Beijing, China

Denotational Semantics for ODRL: Knowledge-Based Constraint Conflict Detection


Daham M. Mustafa^{1,2}, Diego Collarana², Yixin Peng¹, Rafiqul Haque³, Christoph Lange-Beyer^{1,2}, Christoph Ouy^{1,2}, and Stefan Decker^{1,2}



ODRL Future Timeline - PROPOSED

 **W3C ODRL Community Group**

 **W3C ODRL Community Group**

 **ODRL3 Working Group**



W3C ODRL Workshop
June
London

WG Kickoff W3C TPAC Meeting
October
Dublin

ODRL3 Core Semantic Model

ODRL3 Profiles

- Finance
- DataSpaces
- Privacy
- AI

ODRL3 Common Vocabulary

ODRL3 Policy Evaluation

CG Support, Profiles and REC Maintenance

Publishing Profile

Media Profile

... Profile