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W3C

RDF Primer

W3C Working Draft 19 March 2002

bitp://www.ws.org/TR/2002/ND-rdf-primer-20020319/ This version:

http://www.w3.org/TR/rdf-primer/ Latest version:

Previous version:

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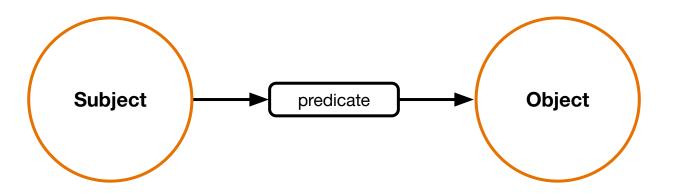
The Resource Description Framework (RDF) is a general-purpose language for representing information in the World Wide Web. It is particularly intended for representing metadata about Web resources, or the description of a general-purpose language for representing information in the World Wide Web. It is particularly intended for representing metadata about Web resources, or the description of a web accordance in the world Wide Web. It is particularly intended for representing metadata about Web resources, or the description of a web accordance in the world Wide Web. It is particularly intended for representing metadata about Web resources, or the description of a web accordance in the world Wide Web. It is particularly intended for representing metadata about Web resources, or the description of a web accordance in the world Wide Web. It is particularly intended for representing metadata about web resources, or the description of a web accordance in the world Wide Web. 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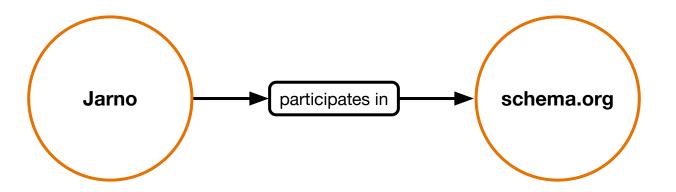
Web user's preferences for information delivery. RDF provides a common framework for expressing this information in such a way that it can be exchanged between applications without loss of meaning. The provides are common framework of the present applications are common framework of the present applications are common framework of the present applications are common framework. This primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamentals required to effectively use RDF primer is designed to provide the reader the basic fundamental required to effectively use RDF primer is designed to provide the reader the basic fundamental required to effectively use RDF primer is designed to provide the reader the basic fundamental required to effectively use RDF primer is designed to provide the reader the basic fundamental required to effectively use RDF primer is designed to provide the reader the basic fundamental required to effectively use RDF primer is designed to provi Since it is a common framework, application designers can leverage the availability of common RDF parsers and processing tools. Exchanging information between different applications means that the information may be made available to applications other than those for which it was originally created. This Primer is designed to provide the reader the basic fundamentals required to effectively use RDF in the information may be made available to applications other than those for which it was originally created. This Primer is designed to provide the reader the basic fundamentals required to effectively use RDF in the information may be made available to applications other than those for which it was originally created. This Primer is designed to provide the reader the basic fundamentals required to effectively use RDF in the information in the information between different applications are applications. This is a W3C RDF Core Working Group Working Draft produced as part of the W3C Semantic Web Activity. This document incorporates decisions made by the Working Group designed to provide the reader the basic fundamentals required to effectively use RDF in their particular applications.

This document is being released for review by W3C members and other interested parties to encourage feedback and comments. This is the current state of an ongoing work on the primer. This is a draft document and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use it as reference material or to cite as other than "work in progress". A list of current W3C Recommendations and other technical documents can be found at http://www.w3.org/T.Pl. their particular applications.

Comments on this document are invited and should be sent to the public mailing list www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. An archive of comments is available at <a href="http://lists.w3.org/Archives/Public/www-rdf-comments@w3.org. The second is a second in the second is a second in the second i

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{
   "@type": "https://schema.org/Action",
   "https://schema.org/name": "participates in",
   "https://schema.org/agent": "Jarno",
   "https://schema.org/object": "schema.org"
}
```

RDF Site Summary (RSS) 1.0

and/or RDF based modularization.

The members of the RSS-DEV Working Group:

Gabe Beged-Doy, IFinity Systems LLC

Rael Dornfest, O'Reilly & Associates Ian Davis, Calaba, Ltd.

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Version

Latest Version: http://purl.org/rss/1.0/spec

1.3.4 2001-05-30 Fixed small typo in section 5.3.6 (a 1.3.3 2001-03-20 Updated mime-type and URI (as. al 13.2 2000-12-19 (Changed style and tidled markup) 1.3.1 2000-12-17 (Changest style and nanou mensure)
1.3.1 2000-12-17 (Typo correction: An upper limit of

1.3 2000-12-09

Status

Comments should be directed to the RSS-DEV mails



N-Triples

Revision: 1.8

Test cases in N-Triples can be found linke

This format was designed to be a fixed su format when invoked as "cwm -triples".

It is recommended, but not required, that

The Internet Media Type / MIME Type of I

2. Extended Backus-Naur

An N-Triples document is a sequence of L the subject, predicate and object terms. This EBNF is the notation used in XML 1.

W3C

N-Triples is a line-based, plain text formal RDF Primer — Turtle version W3C Note in Development @@@Date@@@

This is a first draft of a document that might have become an interest group note. Up until now, however, the document never got the sufficient momentum to be published, so it should be considered even less than a draft. It is kept here mainly for historical reasons... — 1 nis is a first draft of a document that might have become an intere even less than a draft. It is kept here mainly for historical reasons...

http://www.w3.org/2007/02/turtle/primer/

http://www.w3.org/2007/02/turtle/primer/ Latest version:

http://www.w3.org/2007/02/turtle/primer/ Previous version:

Original, <u>RDFXM.</u> version): Frank Manola, <u>manola@acm.org</u>

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The Resource Description Framework (RDF) is a language for representing information about resources in the World Wide Web. This Primer is designed to provide the reader with the basic knowledge in the RDF vocabulary Description Language. It introduces the basic concepts of RDF and describes its Turtle serialization. The Resource Description Framework (RDF) is a language for representing information about resources in the World Wide Web. This Primer is designed to provide the reader with the basic knowledge required to effectively use RDF, it describes how to define RDF vocabularies using the RDF Vocabulary Description Language. It introduces the basic concepts of RDF and describes its Turtle serialization. The original version of this Primer(RDF_PRIMER) was part of the RDF Recommendation published in February 2004, was based on the RDF/XML serialization syntax of RDF/XML) have been removed.

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This section describes the status of this document at the time of its publication. Other documents may supersede this document. A list of current W3C publications and the latest revision of this technical reports and the time of its publication. Other documents may supersede this document. A list of current W3C publications and the latest revision of this technical reports index at http://www.w3.org/TF/.

Inns section describes the status of this document at the time of its publication. Of, report can be found in the <u>W3C technical reports index</u> at http://www.w3.org/TF/.

This document is an Interest Group Note, developed by the Semantic Web Interest Group.

Resource Description Framework (RDF) Schema Specification W3C Proposed Recommendation 03 Mar http://www.w3.org/TR/1999/PR-rdf-schema-This Version: http://www.w3.org/TR/PR-rdf-schema Newest Version: Dan Brickley, University of Bristol R.V. Guha, Netscape Document Status and errata Copyright ©1998,1999 W3C (MIT, INPIA, Keig), All Rights **Acknowledgments** Status of this document This document is a Proposed Recommendation 6 archive of public comments is available at http://www. This specification is a revision of the last-call work detailed differences are available for reviewers to The Working Group anticipates no further substan

future W3C work.

Table of Contents

tool developers are willing to support. The new Publication as a Proposed Recommendation does

is inappropriate to cite W3C Drafts as other than * inter struct printer provides an appropriation and then more complex information The Resource Description Framework is part of th descriptions of resources on the Web. A separate

Note: The HTML source of this document contain May Be Superseded

This section describes the status of this docum report can be found in the WaC technical report

Set of Documents

This document is being published as one of a s

OWL 2 Web Ontology Language:

W3C Working Draft 11 April 2008

Nersion: http://www.w3.org/TR/2008/WD-ow/2-print This version:

http://www.w3.org/TP/ow/2-primer/ Latest version:

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OWL 2 extends the W3C OWL Web Ontology L

This short primer provides an approachable into

Status of this Document

SKOS Simple Knowledge Organization System

Bijan Parsia, University of Manchester
Peter F. Patel-Schneider, Bell Labs Resea
W3C Working Draft 25 January 2008 weraun: http://www.ws.org/TR/2008/MD-skos-reference-20080125/ et vereion:

http://www.w3.org/TR/skos-reference Latest version:

Note:

Alistair Miles. STFC Rutherford Appleton Laboratory / University of Oxford

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This document defines the Simple Knowledge Organization System (SKOS), a common data model for sharing and linking knowledge organization systems via the Semantic Web.

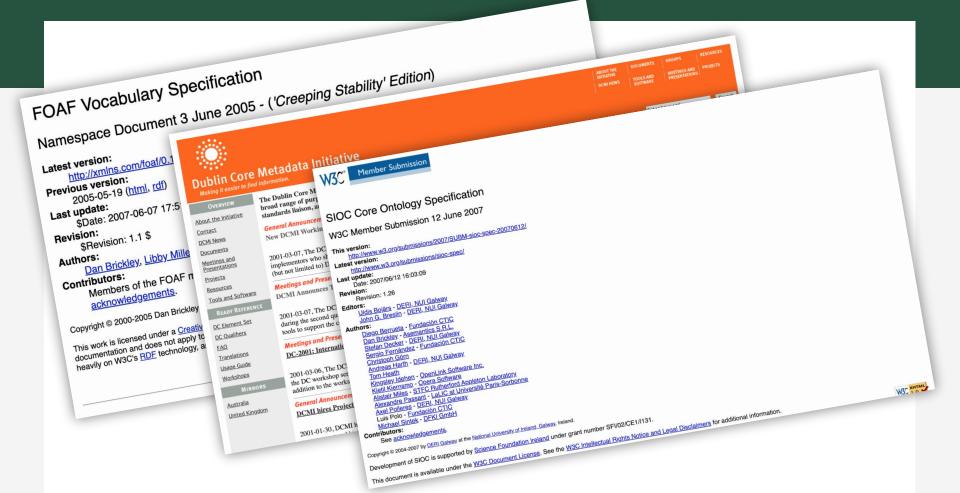
Many knowledge organization systems, such as thesauri, taxonomies, classification schemes and subject heading systems, share a similar structure, and are used in similar applications. SKOS captures much of this similarity and makes it explicit, to enable data and technology sharing across diverse applications. The SKOS data model provides a standard, low-cost migration path for porting existing knowledge organization systems. It may be used on its own, or in combination with formal knowledge representation languages such as the Web Oncology language (OWL). The SKOS data model provides a standard, low-cost migration path for porting existing knowledge organization systems to the Semantic Web. SKOS also provides a light weight, intuitive language for developing and sharing new knowledge organization path for porting existing knowledge organization systems to the Semantic Web. SKOS also provides a light weight, intuitive language for developing and sharing new knowledge organization path for porting existing knowledge organization with formal knowledge representation languages such as the Web Ontology language (OWL). Understanding and animally new Kiramange organization systems, it list needed for readers who are involved in the design and implementation of information systems, and who are already have a good understanding of Semantic Web technology, especially RDF and OWL. Many knowledge organization systems, such as thesauri, taxonomies, classification schemes and subject headin much of this similarity and makes it explicit, to enable data and technology sharing across diverse applications.

Using SKOS, conceptual resources can be identified using URIs, labeled with lexical strings in one or more natural languages, documented with various types of note, linked to each other and the related to each other schemes. In addition, labeled can be related to each other schemes in other schemes. In addition, labeled can be related to each other schemes and association networks, aggregated into schemes, and mapped to conceptual resources in other schemes. In addition, labeled with lexical strings in one or more natural languages, documented with various types of note, linked to each other and the related to each other schemes. Using SKOS, conseptual resources can be identified using URIs, labeled with lexical strings in one or more natural languages, documented with various types of note, linked to each other and organized into informal hierarchies and association networks, aggregated into consept schemes, and mapping to conceptual resources can be grouped into labeled and/or ordered collections. This document is the normative specification of the Simple Knowledge Organization System.

already have a good understanding of Semantic Web technology, especially RDF and OWL.

 Structural Specification and Functional-St. For an informative guide to using SKOS, see the upcoming SKOS Primer. organizeo into informal nierarchies and association networks, aggregated into <u>sonse</u> and conceptual resources can be **growpsd** into labeled and/or ordered collections.

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W3C°

SPARQL Query Language for RDF

W3C Working Draft 12 October 2004

This version:

http://www.w3.org/TR/2004/MD-rdf-sparql-query-20041012/

Latest version:

RDF is a flexible, extensible way to represent information about World Wide Web resources, It is used to represent, among other things, personal information, social networks, metadata about digital and the second RDF is a flexible, extensible way to represent information about World Wide Web resources. It is used to represent, among other things, personal information, social networks, metadata about digitudes and the second of the seco artifacts like music and images, as well as provide a means of integration over disparate sources of information. A standardized query language for RDF data with multiple implementations offers
developers and end users a way to write and to consume the results of queries across this wide range of information. This document describes a query language for RDF, called SPARQL, for querying RDF
developers and end users a way to write and to consume the results of queries across this wide range of information. This document describes a query language for RDF, called SPARQL, for querying RDF Copyright © 2004 W3C[®] (MIT ERCIM, Keio), All Rights Reserved, W3C <u>liability</u>, trademark, and document use rules apply. This document describes the query language part of SPARQL for easy access to RDF stores. It is designed to meet the requirements and design objectives described in the W3C RDF Data Access This document describes the query language part of SPARQL for easy access to RDF stores. It is designed to meet the requirements and design objectives described in the W3C RDF Data Access Use Cases and Requirements."

This is a first Public Working Draft of the Data Access SPARQL Query Language by the <u>RDF Data Access Working Group</u> (part of the <u>Semantic Web Activity</u>) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Web Activity) for review by W3C Members and other Semantic Washington Washing This is a first Public Working Draft of the Data Access SPARQL Query Language by the <u>ROF Data Access Working Grour</u> (part of the <u>Semantic Web Activity</u>) for review by W3C Members and other interested parties. It reflects the best effort of the editors to reflect implementation experience and incorporate input from various members of the WG, but is not yet endorsed by the WG as a whole. Some interested parties, it reflects the best effort of the editors to reflect implementation experience and incorporate input from various members of the WG, but is not yet endorsed by the WG as a whole. interested parties. It reflects the best effort of the editors to reflect implementation experience and incorporate input from various members of the WG, but is not yet endorsed by the WG as a whole. Some sections are incomplete and there are a number of issues in the document and working group issues. Please send comments to public refl-dawd-comments@w3.org, a mailing list with a public archive. This document describes the query language part of SHAHUL for easy access to Hur-si.

Working Group (DAWG) document "RDF Data Access Use Cases and Requirements".

This section describes the status of this document at the time of its publication. Other documents may supersede this document. A list of current W3C publications and the latest revision of this publication. Other documents may supersede this document. Publication as a Working Draft does not imply endorsement by the W3C Membership. This is a draft document and may be updated, replaced or obsoleted by other documents at any time. It is inappropriate to cite this document as other than work in progress. This document was produced under the 5 Echrican 2004 WaC Datent Policy. The Working Group maintains a public list of patent dischassing relations and this document. The following the following from the following following the following following from the f



RDF/A Primer 1.0 Embedding RDF in XHTML

W3C Working Draft 10 March 2006

http://www.w3.org/TB/2006/ND-xhtml-rdfa-t This version:

http://www.w3.org/TR/xhtml-rdfa-primer/ Latest version: This is the first published version Previous version:

tors: Ben Adida, Creative Commons <u>⇔ben@creat</u>

Mark Birbeck, x-port.net Ltd. mark.birbeck CONYCION & 2006 Way (MIT, ERCIM, Kello), All Rights Rese

This document introduces the RDF/A syntax for e

Status of this Document

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microformats

Contents [hide]

1 What are microformats?

2 the microformats principles

3 quotes

4 current microformats

5 How microformats started 5.1 microformats are

5.2 microformats are not

5.3 more thoughts on how

HTML Microdata

W3C Working Draft 4 March 2010

This Version:

http://www.wi.ag.org/TR/2010/WD-microdata-20100304/
Latest Published Version:

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http://www.ws.org/TR/microdata/

http://dev.w3.org/html5/md/

http://www.wg.org/TR/2009/ND-html5-20090825/ Copyright © 2010 WSC[®] (MIT_ERCIM, Keig), All Flights Reserved, WSC liability, trademark and document use rules apply. Previous Versions:

What are microform

microformats are the simplest

microformats.org maintains the

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This specification defines the HTNL microdata mechanism. This mechanism allows machine-readable data to be embedded in HTML documents in an easy-to-write manner, with an unambiguous parsing model. It is compatible with numerous other data formats including RDF and JSON. This specification defines the HTML microdata mechanism. This mechanism allows r. model. It is compatible with numerous other data formats including RDF and JSON.

the microformats pr

Main article: principles

This section describes the status of this document at the time of its publication. Other documents may supersede this document. A list of current W3C publications and the most recently formally published revision of this technical report can be found in the W3C technical reports index at http://www.w3.org/TFV. If you wish to make comments regarding this document, please send them to public-html-comments@w3.org (subscribe, archives) or whating whating org (subscribe, archives). The working groups maintains a list of all bug reports that the aditor has not yet fried to address and a list of lissues for which the chairs have not yet declared a decision. The editor also maintains a list of all bug reports that the aditor has not yet fried to address and a list of lissues for which the chairs have not yet declared a decision. The editor also maintains a list of all bug reports that the aditor has not yet fried to address and a list of lissues for which the chairs have not yet declared a decision. This section describes the status of this document at the time of its publication. Other documents may supervision of this technical report can be found in the Y32C technical reports index at http://www.w3.org/TR/.



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www.hortonmovie.com/splash.html - Cached

Dr. Seuss' Horton Hears a Who (2008) Movie - Acme Movies

Dr. Seuss' Horton Hears a venue beneficial beneficial and maps. Connect with

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Dr. Seuss' Horton He THEATERS / DR. SE www.rottentomatoes. Dr. Seuss' Horton Hears a Who (2008) Movie - Acme Movies

Movie Details | Showtimes & Tickets | Trailers & Clips | Reviews

Reviews: **** (173)

MPAA Rating: G

Running Time: 1 hr. 28 min.

Release Date: March 14th, 2008

acmemovies.com/hortonhearsawho - Cached

Dr. Seuss' Hortoi

Read the Dr. Seuss' Horton Hears a Who! movie overview. Learn more about this Animated, Family movie, buy tickets, find showtimes, and read reviews at Fandango.com.

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www.RottenTomatoes.com



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Drooling Dog Bar B Q - Colfax, CA

★★★★ 15 reviews - Price range: \$\$

Drooting Doy has some really good BBQ. I had the pulled pork sandwich, Drooting Dog BBQ is a great place to stop at on your way up the hill to Tahoe ... www.yelp.com/biz/drooting-dog-bar-b-g-colfax - 75k - Cached - Similar pages

Bing Tiles based on microformats and structured resources

Avatar (2009) - Overview - MSN Movies

PG13 · 160 min · Trailers & Clips · Cast & Crew

A paraplegic ex-marine finds a new life on the distant planet of Pandora, only to find himself battling humankind alongside the planet's indigenous Na'vi race in this ... movies.msn.com/movies/movie/avatar.2



Amazon.com: The Innovator's Solution: Creating and Sustaining ...

Christensen (The **Innovator's** Dilemma) analyzes the strategies that allow corporations to successfully grow new businesses and outpace the other players in the marketplace ... User rating: $5/5 \cdot 53$ reviews

www.amazon.com/Innovators-Solution-Creating-Sustaining-Successful/dp/1578518520 · cached page



What is Schema.org?

This site provides a collection of schemas, i.e., html tags, that webmasters can use to markup their pages in ways recognized by major search providers. Search engines including Bing, Google and Yahoo! rely on this markup to improve the display of search results, making it easier for people to find the right web pages.

Many sites are generated from structured data, which is often stored in databases. When this data is formatted into HTML, it becomes very difficult to recover the original structured data. Many applications, especially search engines, can benefit greatly from direct access to this structured data. On-page markup enables search engines to understand the information on web pages and provide richer search results in order to make it easier for users to find relevant information on the web. Markup can also enable new tools and applications that make use of the structure.

A shared markup vocabulary makes easier for webmasters to decide on a markup schema and get the maximum benefit for their efforts. So, in the spirit of sitemaps.org, Bing, Google and Yahoo! have come together to provide a shared collection of schemas that webmasters can use.

We invite you to get started!



webmasters and developers can learn about structured data and improve how their sites appear in Search results on Bing. Google, and Yahool. Information and tips are available on schema.org, a onestop resource for webmasters looking to add markup to make their pages better understood by search

engines.





YAHOO! SEARCH BLOG



Introducing Schema.org: Bing, Google and Yahoo Unite to Build the Web of Objects

We've been talking for a while about the need to rethink the search experience to better reflect both the changing web

One of the biggest challenges and opportunities we see is to literally create a high-definition proxy of the physical world and advancing user habits.

inside of Bing. In other words, we want to be able to model the world in which we all live to the level that search can actually help you make decisions and get things done in real life by understanding all the options the world presents. We've made great progress on the technical front to begin to model the real world from the messy bits of data scattered

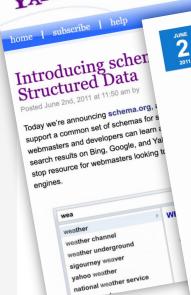
across the web. Things like movies have benefitted from this work. We're now able to understand "Casablanca" is a movie and literally mine the web to re-assemble information about that movie from millions of sites.

But we think we can do better. We want to enable publishers to give us hints about what things they are describing on their sites. Rather than rely solely on machine learning and other Al techniques, we asked "what if we could enable

publishers to have a single schema they could use to describe their sites that all search engines could understand? Well today, we're pleased to announce Bing is joining forces with Google and Yahoo! to deliver schema.org, a new

initiative, to create and support a common set of schemas for structured data markup on web pages. With schema.org, site owners and developers can learn about structured data and improve how their sites appear in search results on Bing.

YAHOO! SEARCH BLOG



Introducing Schema.org: Bing, Google and Yahoo Unite to Build the Web of Objects



Official Blog

Insights from Googlers into our products, technology, and the Google culture

We've made grea across the web. T movie and literal

inside of Bing. In

actually help you

But we think we their sites. Rather publishers to hav

> Well today, we're initiative, to creat site owners and c

Introducing schema.org: Search engines come together for a richer web

June 2, 2011

Today we're announcing schema.org, a new initiative from Google, Bing and Yahoo! to create and support a common vocabulary for structured data markup on web pages. With schema.org, site owners and developers can learn about structured data and improve how their sites appear in major search engines. The site aims to be a one stop resource for webmasters looking to add (Cross-posted on the Inside Search Blog) Search engines have been working independently to support structured markup for a few years now. We introduced rich snippets

markup to their pages.

schema blog

Official blog for schema.org

Yandex now supports schema.org markup FRIDAY, NOVEMBER 4, 2011

One of the primary goals in creating schema.org was to simplify structured data markup requirements for content creators across search engines, which we hope will drive greater adoption across the Web. In that vein, we're very happy that Yandex has announced its support for schema.org. In addition to being a major consumer of schema.org markup, Yandex will be increasingly contributing to discussions about the evolution of the schema on the W3C-hosted Web Schemas group, and they are also investigating translation of the schema.org website to local languages. It's great to have growing support for the schema.org markup around the world!



W3C

JSON-LD Syntax 1.0

A Context-based JSON Serialization for Linking Data

W3C Working Draft 12 July 2012

This version:

Latest published version:

s version:
http://www.w3.org/TR/2012/WD-ison-id-syntax-20120712/ rest eanor's draft:
http://dvcs.w3.org/hg/json-ld/raw-file/default/spec/latest/json-ld-syntax/index.html Latest editor's draft:

Manu Sporny, Digital Bazaar

Gregg Kellogg, Kellogg Associates Markus Lanthaler, Graz University of Technology.

Manu Sporny, Digital Bazaar

Dave Longley, Digital Bazaar

Markus Lanthaler, Graz University of Technology.

This document is also available in this non-normative format: diff to previous version Copyright © 2010-2012 W3C[®] (MIT, ERCIM, Keio), All Rights Reserved, W3C liability, trademant and document use rules apply.

JSON has proven to be a highly useful object serialization and messaging format. In an attempt to harmonize the representation of Linked Data in JSON, this specification outlines a common JSON representation format for expressing directed graphs; mixing both Linked Data and non-Linked Data in a single document. This section describes the status of this document at the time of its publication. Other documents may supersede this document. A list of current W3C publications and the latest revision of this technical reports index at http://www.w3.org/TR/. JSON has proven to be a highly useful object serialization and messaging format. In an attempt to harmonize the represents representation format for expressing directed graphs; mixing both Linked Data and non-Linked Data in a single document.

rnis section describes the status of this document at the time of its publication. Of report can be found in the W3C technical reports index at http://www.w3.org/TR/.







This is a place devoted to giving you deeper insight into the news, trends, people and technology behind Bing.



(+) Regions

(+) Skip to content

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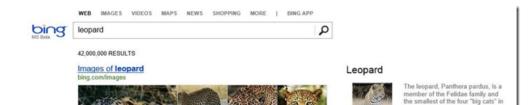
Subscribe RSS



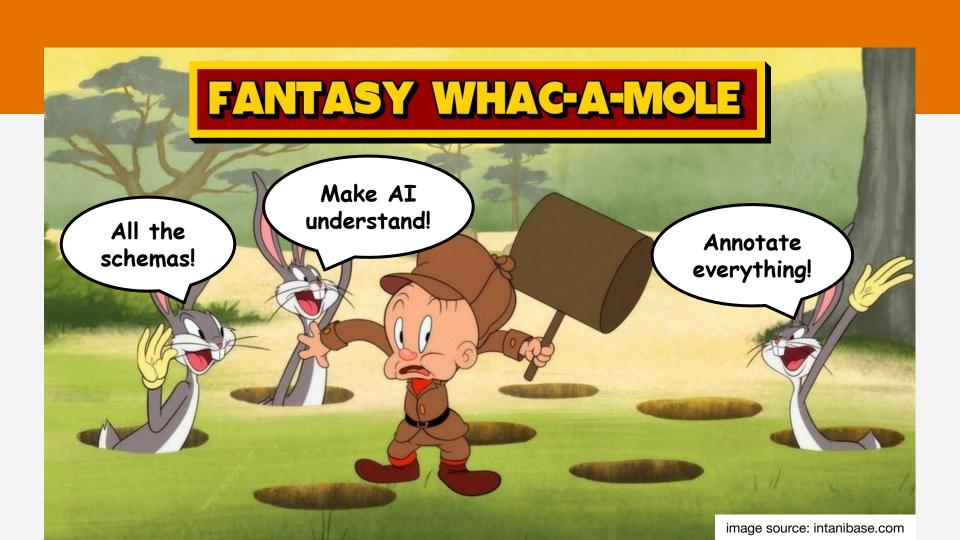
Understand Your World with Bing

At Bing we believe that search should be more than a collection of blue links pointing to pages around the web. We believe search should also be a reflection of the actual world which is why last June, we introduced a feature called Snapshot, which enables answers at a glance in the center column of the search results page. The result is a richer set of search results to help you better understand and explore the real world. We started with movies, restaurants and hotels.

The underlying technology for Snapshot is designed to develop deep understanding of the world around us not only as a collection of entities (people, places and things) but also the relationships between those entities. Inside the Bing engineering team, we call this technology Satori, which means understanding in Japanese. Over time, Satori will continue growing to encompass billions of entities and relationships, providing searchers with a more useful model of the digital and physical world.





















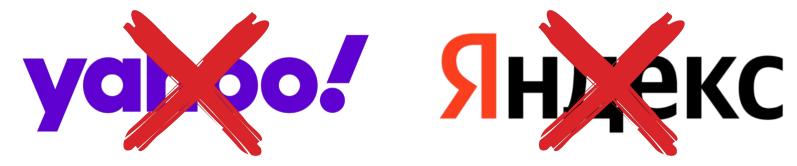




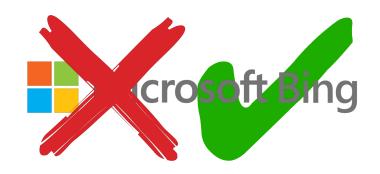




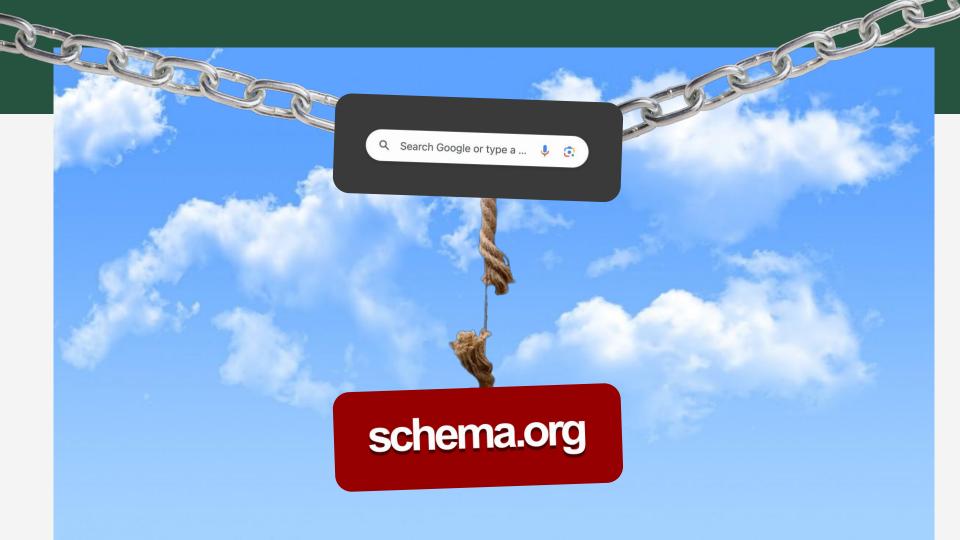














https://schema.org > docs > how to look at and use schema.org

How to look at and use schema.org

Schema.org is a work in progress that will keep evolving over the next many years. This guide will help you come to grips with how to look at and make use of the vocabulary



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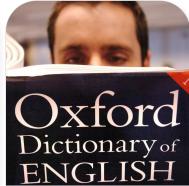
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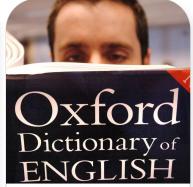
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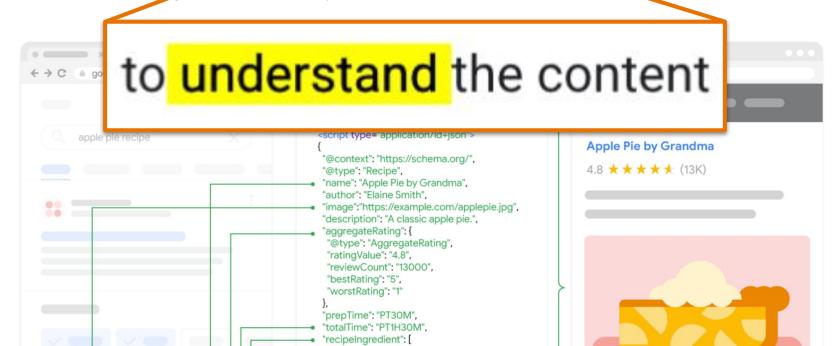
 Languages aren't static, they evolve. The usage of terms changes ∞.



4. Read Google's SD Feature Guide to learn which terms to use.

How structured data works in Google Search

Google uses structured data that it finds on the well to understand the content of the page, as well as to gather information about the web and the world in general, such as information about the people, books, or companies that are included in the markup. For example, when a recipe page has JSON-LD structured data (describing the title of the recipe, the author of the recipe, and other details), Google Search can use that information to display a rich result for the recipe:



What if Schema.org is just... Labels?



We've all been sold the idea that adding Schema.org markup to your website will help Google to "understand" your content. Structured data has become SEO gospel, and I've been one of its loudest advocates. I've encouraged brands to invest in schema markup, to label their content, and to define their entities in order to unlock Google's rich results and to improve their visibility. But here's a thought: what if Schema.org is

I'm speaking at...

SMX Munich, 2025

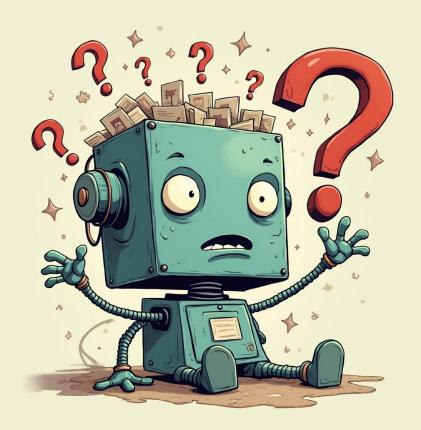
2025-03-18 / 2025-03-19 Munich, Germany smxmuenchen.de

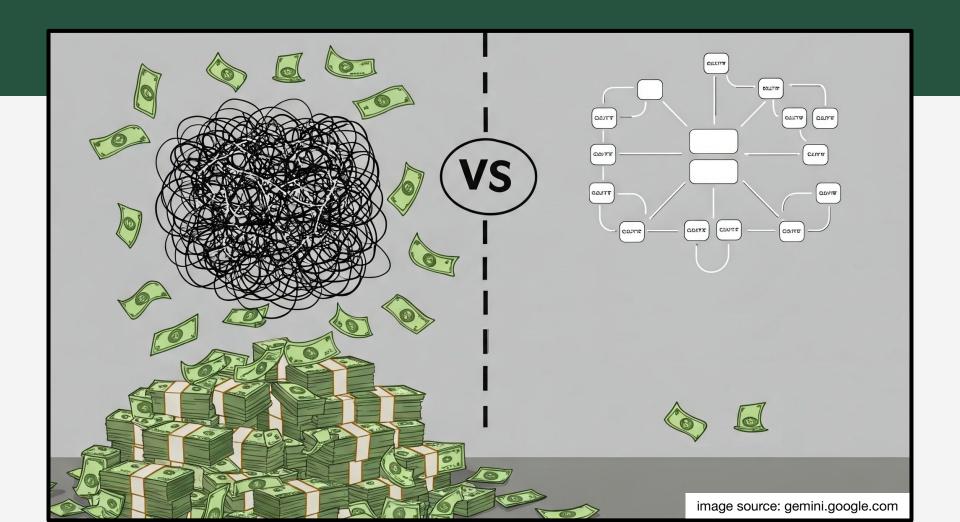
SEO for News Meetup

2025-03-20 Munich, Germany eventbrite.com/e/seo-for-...

Marketing Festival, Brno

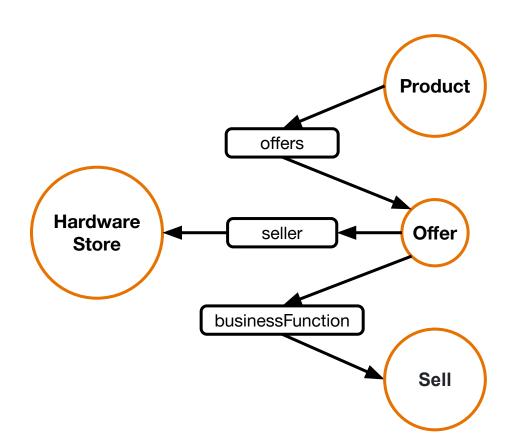
2025-04-28 / 2025-04-30 Brno, Czech Republic marketingfestival.cz

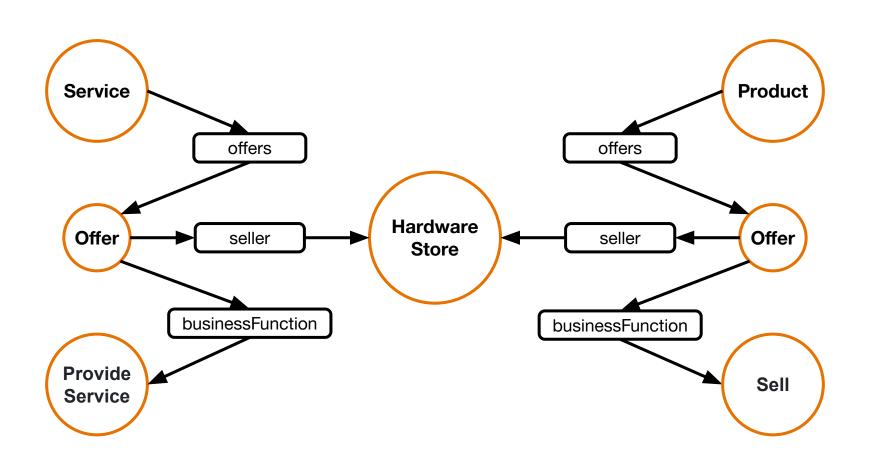










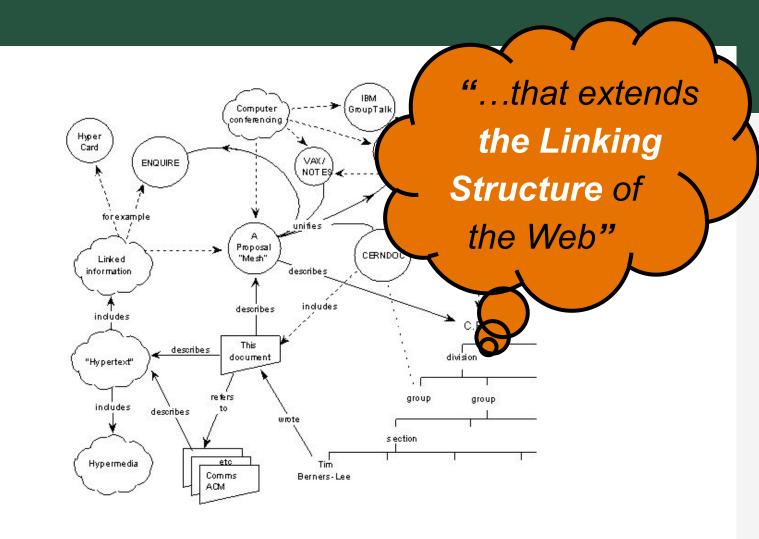


HardwareStore ≠ Renovation ≠ Construction ≠ Building material ≠ Home appliance ≠ Door ≠ Garage door ≠ Roof ≠ Window ≠ Cabinetry ≠ Flooring ≠ HVAC ≠ Window covering

```
"@context": "https://schema.org",
"@type": "HardwareStore",
'additionalType": [
"http://en.wikipedia.org/wiki/Renovation",
"http://en.wikipedia.org/wiki/Construction",
"http://en.wikipedia.org/wiki/Building_material",
"http://en.wikipedia.org/wiki/Home_appliance",
"http://en.wikipedia.org/wiki/Door",
"http://en.wikipedia.org/wiki/Garage_door",
"http://en.wikipedia.org/wiki/Roof",
"http://en.wikipedia.org/wiki/Window",
"http://en.wikipedia.org/wiki/Cabinetry",
"http://en.wikipedia.org/wiki/Flooring"
"http://en.wikipedia.org/wiki/HVAC",
"http://en.wikipedia.org/wiki/Window_covering"
```

```
"@context": "https://schema.org",
"@type": "Brand",
"@id": "http://www.wikidata.org/entity/Q288523",
"name": "Acme Inc.",
"alternateName": "Acme Corporation",
"sameAs": [
  "https://en.wikipedia.org/wiki/Acme_Corporation",
  "https://warnerbros.fandom.com/wiki/ACME_Corporation",
  "https://looneytuneswiki.com/wiki/Acme"
```

```
<a href="https://en.wikipedia.org/wiki/Acme_Corporation"
    title="Read more about Acme Corporation on Wikipedia">
        Acme Inc.
```





```
"about": [
    "@type": "DefinedTerm",
    "name": "Academic publishing",
    "alternateName": ["scholarly publishing", "research publishing"],
    "sameAs": "https://en.wikipedia.org/wiki/Academic_publishing"
    "@type": "DefinedTerm",
    "name": "Essay",
    "alternateName": "composition",
    "sameAs": "https://en.wikipedia.org/wiki/Essay"
    "@type": "DefinedTerm",
    "name": "Analysis",
    "alternateName": ["Analyzing", "Close analysis"],
    "sameAs": "https://en.wikipedia.org/wiki/Analysis"
    "@type": "DefinedTerm",
    "name": "Elizabeth II",
    "alternateName": ["Queen Elizabeth II", "Queen of England"],
    "sameAs": "https://en.wikipedia.org/wiki/Elizabeth_II"
```



All (36)

DefinedTerm

DefinedTerm

DefinedTerm

DefinedTerm

DefinedTerm



RORS 0 WARNINGS

RORS 0 WARNINGS

RORS 0 WARNINGS

RORS 0 WARNINGS

ORS 0 WARNINGS

DefinedTerm

0 ERRORS 0 WARNINGS



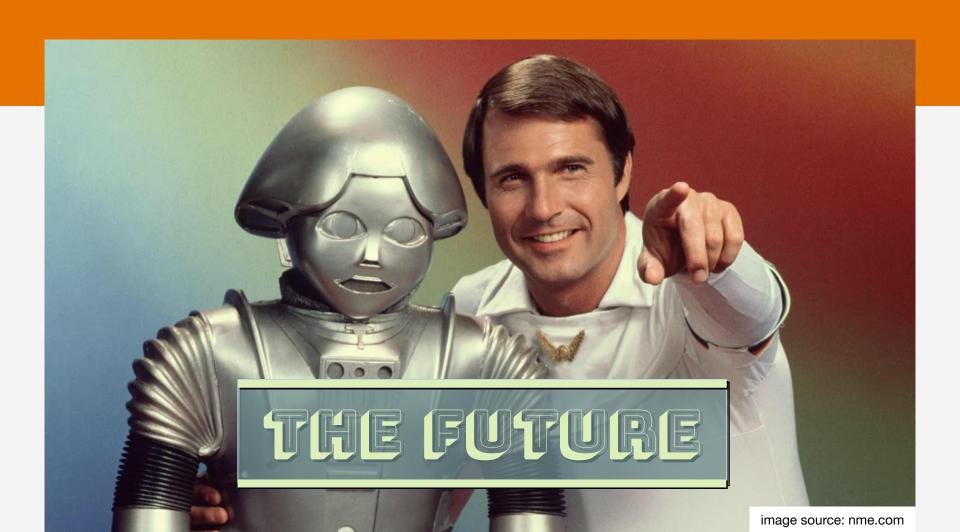
WE NEED AWRITER

You're passionate about copy and advertising. You could be a girl - hello girls. You could be a boy - hello boys. No juniors though, sure you can be small but tough,

snowplough, drives to the snowplough?

We'll want you to think big, we'll want you
to think small and sometimes we'll want you
to just do it. You'll write cop image source: adsoftheworld.com





Croissant Format Specification

- 1. It proposes a machine-readable way to capture and publish metadata about ML datasets this makes existing documentation solutions like Data Cards easier to publish, share, discover, and reuse;
- 2. It records at a granular level how a dataset was created, processed and enriched throughout its lifecycle this process is meant to be automated as much as possible by integrating Croissant with popular ML frameworks. By allowing the metadata to be loaded automatically, Croissant also enables developers to compute RAI metrics automatically and systematically, identifying potential data quality issues to be fixed.

Format Example

To understand the various pieces of a Croissant dataset description, let's look at an example, based on the PASS dataset.

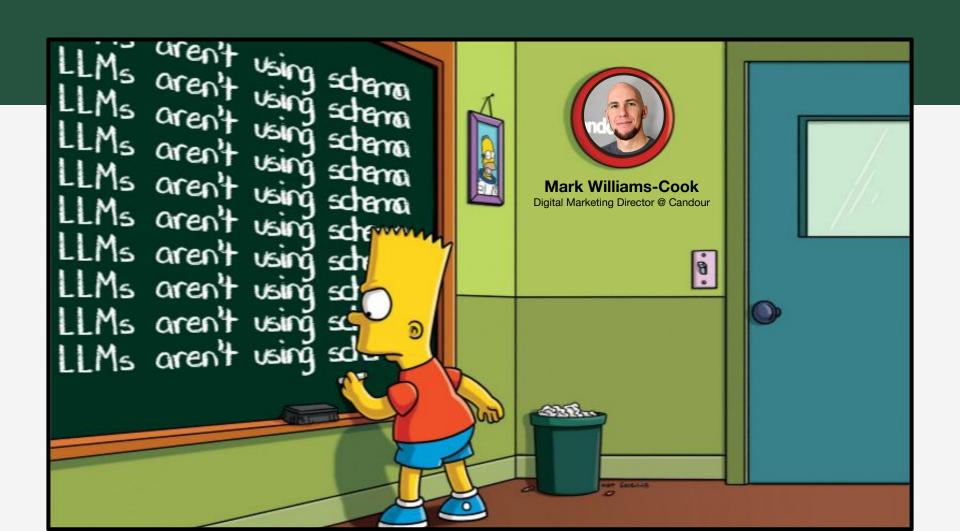
Croissant metadata is encoded in JSON-LD.

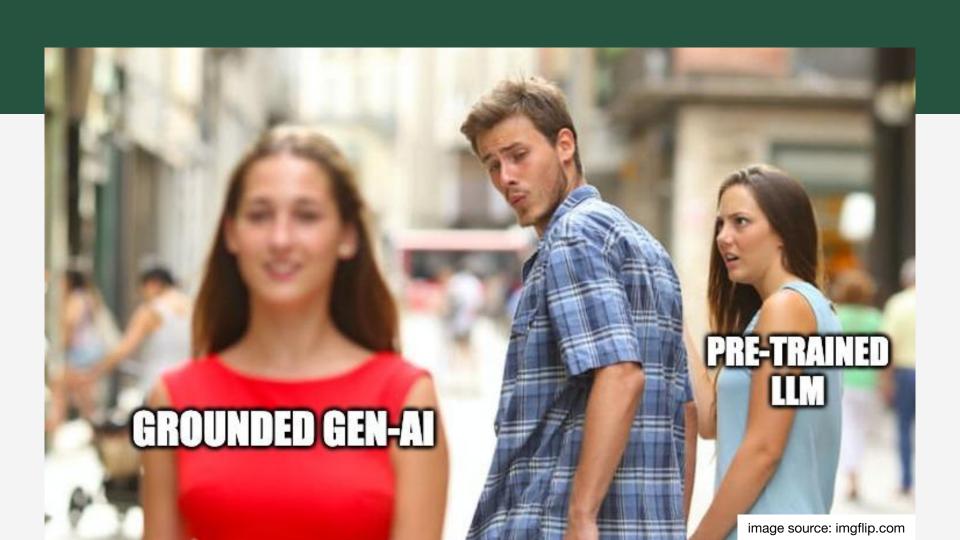
```
"@context": {
    "@language": "en",
    "@vocab": "https://schema.org/"
},

"@type": "sc:Dataset",
"name": "simple-pass",
"conformsTo": "http://mlcommons.org/croissant/1.0",
"description": "PASS is a large-scale image dataset that does not include any humans ...",
"citeAs": "@Article{asano21pass, author = \"Yuki M. Asano and Christian Rupprecht and ...",
"license": "https://creativecommons.org/licenses/by/4.0/",
"url": "https://www.robots.ox.ac.uk/~vgg/data/pass/",
```

The beginning of the Croissant description contains general information about the dataset such as name, short description, license and URL. Most of these attributes are from schema.org, with a few additions described in the Dataset-level information section.

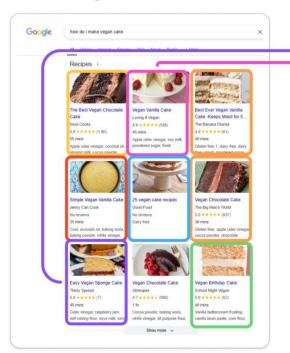








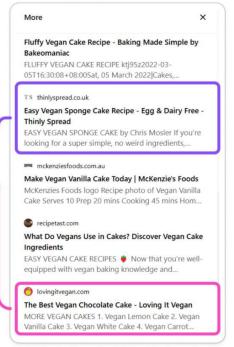
Google Rich Results



Perplexity Sources



Search GPT Sources



Describe vour issue

Custom label 0-4 [custom_label_0-4]

Label that you assign to a product to help organize bidding and reporting in Shopping campaigns



Optional

Example

Seasonal

Clearance

Holiday Sale

Price range

Syntax

Max 100 characters

Schema.org property: No

- · Use a value that you'll recognize in your Shopping campaign. The value won't be shown to customers who see your ads and free listings.
- Submit up to 5 custom labels per product by including this attribute multiple times:
 - custom label 0
 - custom_label_1
 - custom_label_2
 - custom label 3
 - custom label 4
- Use only 1,000 unique values for each custom label across your Merchant Center account.

Promotion ID [promotion_id]

An identifier that allows you to match products to promotions



Optional (Required for promotions in

Australia, France, Germany, India, the UK and the US)

Example

ABC123

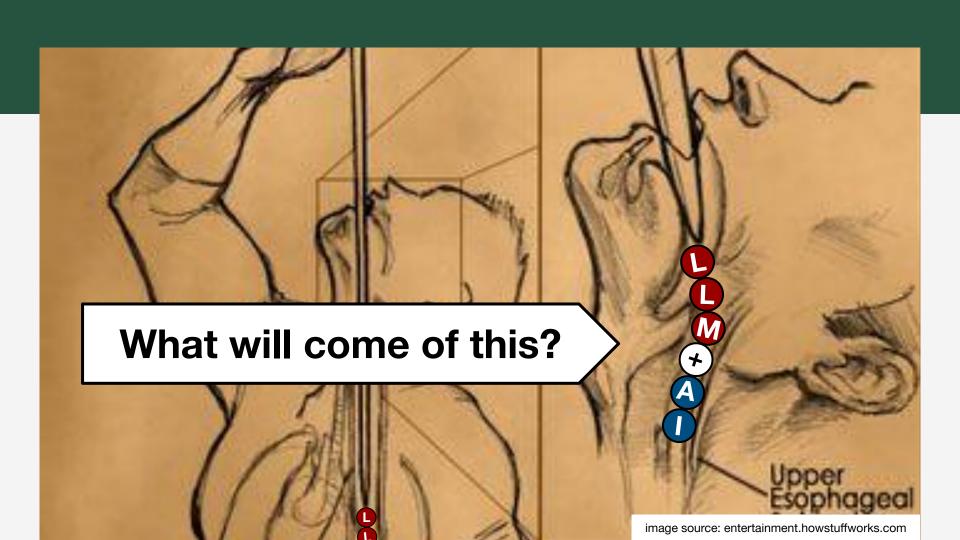
Syntax

- Use a unique and case sensitive ID without spaces or symbols (for example, %, !).
- To map specific promotions to specific products, submit the same promotion ID in your product data and promotion data.
- · Submit up to 10 promotion IDs for one product by including this attribute multiple times.

Product data specifications

- Product data specification
- RSS 1.0 specification
- RSS 2.0 specification
- Atom 1.0 specification
- Atom 0.3 specification
- About attributes with repeated fields
- About display ads attribute specification









Dan Brickley - Schema.org chair / Data Standards Engineering



John Muller - Senior Search Analyst / Search Relations team lead at Google



Ryan Levering - Software Engineer at Google



Alex Jansen - Senior Staff Software Engineer at Google



Dave Ojeda - Structured Data & Semantic SEO consultant



Andrea Volpini - CEO & co-founder of WordLift



A big THANK

YOU goes to



Mark van Berkel - Semantic Technologist & co-founder of Schema App

