

Draft
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Attribute Properties for OpenID Attribute Exchange

Abstract

A list of attribute properties for use with OpenID Attribute Exchange.

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1. Overview

OpenID Attribute Exchange ([OpenID.attribute-exchange-1.0] (Hardt, D. and B. Ferg, "OpenID Attribute Exchange," August 2006.)) is a service for OpenID ([OpenID.authentication-2.0] (Recordon, D., Hoyt, J., and B. Fitzpatrick, "OpenID Authentication 2.0 - Draft 08," August 2006.)) that enables transport of personal identity information. This document provides a list of standard attribute property names for use with the attribute exchange service.

Other attribute types may be defined elsewhere; this list serves as a basic standard reference.

2. Attribute Properties

The following list of identifiers contains label, descriptions and XML schema [W3C.REC-xmlschema-2-20041028] (Biron, P. and A. Malhotra, "XML Schema Part 2: Datatypes Second Edition," October 2004.) primitive datatypes for each identifier. [NOTE: Placeholder URIs are subject to change in future drafts.]

<http://openid.net/schema/namePerson/prefix>

Name prefix

Honorific prefix for the subject's name; i.e. "Mr.", "Mrs.", "Dr."

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/namePerson/first>

First name

First or given name of subject

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/namePerson/last>

Last name

Last name or surname of subject

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/namePerson/middle>

Middle name

Middle name(s) of subject

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/namePerson/suffix>

Name suffix

Suffix of subject's name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/namePerson/friendly>

Alias

Subject's alias or "screen" name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/person/guid>

GUID

Subject's globally unique identifier

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/birthDate/birthYear>

Birth year

Year of birth (four digits)

<http://www.w3.org/2001/XMLSchema#gYear>

<http://openid.net/schema/birthDate/birthMonth>

Birth month

Month of birth (1-12)

<http://www.w3.org/2001/XMLSchema#gMonth>

<http://openid.net/schema/birthDate/birthday>

Birth day

Day of birth

<http://www.w3.org/2001/XMLSchema#gDay>

<http://openid.net/schema/gender>

Gender

Gender, either "M" or "F"

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/language/pref>

Language

Preferred language, as per [RFC4646] (Phillips, A. and M. Davis, "Tags for Identifying Languages," September 2006.)

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/phone/default>

From openid-attribute-properties-list-1_0-01.html

Phone (preferred)

Main phone number (preferred)

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/phone/home>

Phone (home)

Home phone number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/phone/business>

Phone (work)

Business phone number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/phone/cell>

Phone (mobile)

Cellular (or mobile) phone number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/phone/fax>

Phone (fax)

Fax number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postaladdress/home>

Address

Home postal address: street number, name and apartment number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postaladdressadditional/home>

Address 2

Home postal address: supplementary information

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/city/home>

City

Home city name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/state/home>

State/Province

Home state or province name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/country/home>

Country

Home country code in [ISO.3166.1988] (International Organization for Standardization, "Codes for the representation of names of countries, 3rd edition," August 1988.) (alpha 2) format

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postalcode/home>

Postal code

Home postal code; region specific format

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postaladdress/business>

Address

Business postal address: street number, name and apartment number

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postaladdressadditional/business>

Address 2

Business postal address: supplementary information

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/city/business>

City

Business city name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/state/business>

State/Province

Business state or province name

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/country/business>

Country

Business country code in [ISO.3166.1988] (International Organization for Standardization, "Codes for the representation of names of countries, 3rd edition," August 1988.) (alpha 2) format

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/postalcode/business>

Business postal or zip code; region specific format

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/default>

IM

Preferred instant messaging service (one of http://openid.net/schema/contact/IM/*)

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/IM/AIM>

AOL IM

AOL instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/ICQ>

ICQ IM

ICQ instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/MSN>

MSN IM

MSN instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/Yahoo>

Yahoo! IM

Yahoo! instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/Jabber>

Jabber IM

Jabber instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/IM/Skype>

Skype IM

Skype instant messaging service handle

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/internet/email>

Email

Internet SMTP email address

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/contact/web/default>

Web page

Web site URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/web/blog>

Blog

Blog URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/web/LinkedIn>

LinkedIn URL

LinkedIn URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/web/Amazon>

Amazon URL

Amazon URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/web/Flickr>

Flickr URL

Flickr URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/contact/web/Delicious>

del.icio.us URL

del.icio.us URL

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/company/name>

Company

Company name (employer)

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/company/title>

Title

Employee title

<http://www.w3.org/2001/XMLSchema#normalizedString>

<http://openid.net/schema/media/spokenname>

Spoken name

Spoken name (web URL)

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/greeting/audio>

Audio greeting

Audio greeting (web URL)

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/greeting/video>

Video greeting

Video greeting (web URL)

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/biography>

Biography

Biography (text)

<http://www.w3.org/2001/XMLSchema#string>

<http://openid.net/schema/media/image>

Image

Image (web URL); unspecified dimension

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/16x16>

16x16 image

Image (web URL); 16x16 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/32x32>

32x32 image

Image (web URL); 32x32 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/48x48>

48x48 image

Image (web URL); 48x48 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/64x64>

64x64 image

Image (web URL); 64x64 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/80x80>

80x80 image

Image (web URL); 80x80 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/128x128>

128x128 image

Image (web URL); 128x128 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/160x120>

160x120 image

Image (web URL) 4:3 ratio - landscape; 160x120 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/320x240>

320x240 image

Image (web URL) 4:3 ratio - landscape; 320x240 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/640x480>

640x480 image

Image (web URL) 4:3 ratio - landscape; 640x480 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/120x160>

120x160 image

Image (web URL) 4:3 ratio - portrait; 120x160 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/240x320>

240x320 image

Image (web URL) 4:3 ratio - portrait; 240x320 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/480x640>

480x640 image

Image (web URL) 4:3 ratio - portrait; 480x640 pixels

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/media/image/favicon>

Favicon image

Image (web URL); favicon format

<http://www.w3.org/2001/XMLSchema#anyURI>

<http://openid.net/schema/timezone>

Time zone

Home time zone information (as specified in [zoneinfo] (Eggert, A. and P. Eggert, "The tz database," August 2006.))

<http://www.w3.org/2001/XMLSchema#normalizedString>

3. References

3.1. Normative References

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|---------------------------------|--|
| [ISO.3166.1988] | International Organization for Standardization, "Codes for the representation of names of countries, 3rd edition," ISO Standard 3166, August 1988. |
| [OpenID.attribute-exchange-1.0] | Hardt, D. and B. Ferg, "OpenID Attribute Exchange," August 2006 (TXT, HTML). |
| [OpenID.authentication-2.0] | Recordon, D., Hoyt, J., and B. Fitzpatrick, "OpenID Authentication 2.0 - Draft 08," August 2006 (TXT, HTML). |

- [RFC4646] Phillips, A. and M. Davis, "Tags for Identifying Languages," BCP 47, RFC 4646, September 2006.
- [W3C.REC-xmlschema-2-20041028] Biron, P. and A. Malhotra, "XML Schema Part 2: Datatypes Second Edition," World Wide Web Consortium Recommendation REC-xmlschema-2-20041028, October 2004 (HTML).
- [zoneinfo] Eggert, A. and P. Eggert, "The tz database," August 2006.

3.2. Non-normative References

- [RFC0822] Crocker, D., "Standard for the format of ARPA Internet text messages," STD 11, RFC 822, August 1982.
- [RFC2396] Berners-Lee, T., Fielding, R., and L. Masinter, "Uniform Resource Identifiers (URI): Generic Syntax," RFC 2396, August 1998 (TXT, HTML, XML).

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