

vCard

vCard, also known as VCF (Virtual Contact File), is a file format standard for electronic business cards. vCards are often attached to e-mail messages, but can be exchanged in other ways, such as on the World Wide Web or instant messaging. They can contain name and address information, telephone numbers, e-mail addresses, URLs, logos, photographs, and audio clips.

vCard is used as data interchange format in Personal digital assistants (PDAs), Personal information managers (PIMs) and Customer relationship management (CRMs). To accomplish these data interchange applications, other "vCard variants" have been used and proposed as "variant standards", each for its specific niche: XML representation, JSON representation or web pages.

vCard



Filename extension	.vcf, .vcard
Internet media type	text/vcard
Type code	vCrd
Uniform Type Identifier (UTI)	public.vcard
Developed by	created by Versit Consortium, all rights transferred in 1996 to Internet Mail Consortium, all rights transferred in 2004 to CalConnect
Type of format	electronic business card
Container for	contact information

Contents

- Media type
- Example of vCard files
 - vCard 2.1
 - vCard 3.0
 - vCard 4.0
- Example of vCard variants
 - xCard
 - jCard
 - Semantic content
- Properties
- vCard extensions
- See also
- References
- External links

Media type

The standard Internet media type (MIME type) for a vCard is:^[1]

text/vcard

As of version 4.0 specification, other media types known to have been used previously are now deprecated, including:^[1]

text/x-vcard
text/directory;profile=vCard
text/directory

All are oriented to "Directory Information text" (see RFC 2425). Other "vCard variants", oriented to XML and to JSON, are standard proposals (not yet a standard).

Note: The Internet media type text/vcard was used incorrectly in some SyncML documents to refer to vCard 3.0, and the example was followed in various implementations.

Example of vCard files

The following is an example of a vCard file containing information for one person:

vCard 2.1

```
-----  
BEGIN:VCARD  
VERSION:2.1  
-----
```

```
N:Gump;Forrest;;Mr.
FN:Forrest Gump
ORG:Bubba Gump Shrimp Co.
TITLE:Shrimp Man
PHOTO;GIF:http://www.example.com/dir_photos/my_photo.gif
TEL;WORK;VOICE:(111) 555-1212
TEL;HOME;VOICE:(404) 555-1212
ADR;WORK;PREF;;;100 Waters Edge;Baytown;LA;30314;United States of America
LABEL;WORK;PREF;ENCODING=QUOTED-PRINTABLE;CHARSET=UTF-8:100 Waters Edge=0D=
=0ABaytown\, LA 30314=0D=0AUnited States of America
ADR;HOME;;;42 Plantation St.;Baytown;LA;30314;United States of America
LABEL;HOME;ENCODING=QUOTED-PRINTABLE;CHARSET=UTF-8:42 Plantation St.=0D=0A=
Baytown, LA 30314=0D=0AUnited States of America
EMAIL:forrestgump@example.com
REV:20080424T195243Z
END:VCARD
```

vCard 3.0

The most used in recent years (ref. 2016) for data interchange.

```
BEGIN:VCARD
VERSION:3.0
N:Gump;Forrest;;Mr.;
FN:Forrest Gump
ORG:Bubba Gump Shrimp Co.
TITLE:Shrimp Man
PHOTO;VALUE=URI;TYPE=GIF:http://www.example.com/dir_photos/my_photo.gif
TEL;TYPE=WORK,VOICE:(111) 555-1212
TEL;TYPE=HOME,VOICE:(404) 555-1212
ADR;TYPE=WORK,PREF;;;100 Waters Edge;Baytown;LA;30314;United States of America
LABEL;TYPE=WORK,PREF;100 Waters Edge\nBaytown\, LA 30314\nUnited States of America
ADR;TYPE=HOME;;;42 Plantation St.;Baytown;LA;30314;United States of America
LABEL;TYPE=HOME:42 Plantation St.\nBaytown\, LA 30314\nUnited States of America
EMAIL:forrestgump@example.com
REV:2008-04-24T19:52:43Z
END:VCARD
```

vCard 4.0

```
BEGIN:VCARD
VERSION:4.0
N:Gump;Forrest;;Mr.;
FN:Forrest Gump
ORG:Bubba Gump Shrimp Co.
TITLE:Shrimp Man
PHOTO;MEDIATYPE=image/gif:http://www.example.com/dir_photos/my_photo.gif
TEL;TYPE=work,voice;VALUE=uri:tel:+1-111-555-1212
TEL;TYPE=home,voice;VALUE=uri:tel:+1-404-555-1212
ADR;TYPE=WORK;PREF=1;LABEL="100 Waters Edge\nBaytown\, LA 30314\nUnited States of America";:100 Waters
Edge;Baytown;LA;30314;United States of America
ADR;TYPE=HOME;LABEL="42 Plantation St.\nBaytown\, LA 30314\nUnited States of America";:42 Plantation
St.;Baytown;LA;30314;United States of America
EMAIL:forrestgump@example.com
REV:20080424T195243Z
x-qq:2158891
END:VCARD
```

Example of vCard variants

xCard

It is not a standard, "vCard XML Representation" is a standard proposal of 2011, as RFC 6351.

```
<?xml version="1.0" encoding="UTF-8"?>
<vcards xmlns="urn:ietf:params:xml:ns:vcard-4.0">
  <vcards>
    <n>
      <surname>Gump</surname>
      <given>Forrest</given>
      <additional/>
      <prefix>Mr.</prefix>
      <suffix/>
    </n>
    <fn>
      <text>Forrest Gump</text>
    </fn>
    <org>
      <text>Bubba Gump Shrimp Co.</text>
    </org>
```

```
<title>
  <text>Shrimp Man</text>
</title>
<photo>
  <parameters>
    <mediatype>
      <text>image/gif</text>
    </mediatype>
  </parameters>
  <uri>http://www.example.com/dir_photos/my_photo.gif</uri>
</photo>
<tel>
  <parameters>
    <type>
      <text>work</text>
      <text>voice</text>
    </type>
  </parameters>
  <uri>tel:+1-111-555-1212</uri>
</tel>
<tel>
  <parameters>
    <type>
      <text>home</text>
      <text>voice</text>
    </type>
  </parameters>
  <uri>tel:+1-404-555-1212</uri>
</tel>
<adr>
  <parameters>
    <label>
      <text>100 Waters Edge
Baytown, LA 30314
United States of America</text>
    </label>
    <type>
      <text>work</text>
    </type>
    <pref>
      <integer>1</integer>
    </pref>
  </parameters>
  <pobox/>
  <ext/>
  <street>100 Waters Edge</street>
  <locality>Baytown</locality>
  <region>LA</region>
  <code>30314</code>
  <country>United States of America</country>
</adr>
<adr>
  <parameters>
    <label>
      <text>42 Plantation St.
Baytown, LA 30314
United States of America</text>
    </label>
    <type>
      <text>home</text>
    </type>
  </parameters>
  <pobox/>
  <ext/>
  <street>42 Plantation St.</street>
  <locality>Baytown</locality>
  <region>LA</region>
  <code>30314</code>
  <country>United States of America</country>
</adr>
<email>
  <text>forrestgump@example.com</text>
</email>
<rev>
  <timestamp>20080424T195243Z</timestamp>
</rev>
</vcard>
</vcards>
```

jCard

jCard is not a standard, it is "The JSON Format for vCard", a standard proposal of 2014, RFC 7095. Other JSON formats (as npm's vcard-json (<https://www.npmjs.com/package/vcard-json>)) are in use. The RFC 7095 does not use real JSON objects, but rather uses arrays of sequence-dependent tag-value pairs (like an XML file).

```
[ "vcard",
  [
    [ "version", {}, "text", "4.0" ],
    [ "n", {}, "text", [ "Gump", "Forrest", "", "Mr.", "" ] ],
```

```
[
  {
    "fn": {}, "text": "Forrest Gump",
    "org": {}, "text": "Bubba Gump Shrimp Co.",
    "title": {}, "text": "Shrimp Man",
    "photo": { "mediatype": "image/gif", "uri": "http://www.example.com/dir_photos/my_photo.gif" },
    "tel": { "type": "work", "voice": true, "uri": "tel:+1-111-555-1212" },
    "tel": { "type": "home", "voice": true, "uri": "tel:+1-404-555-1212" },
    "adr": [
      { "label": "100 Waters Edge\nBaytown, LA 30314\nUnited States of America", "type": "work", "pref": "1" },
      "text",
      [ "", "", "100 Waters Edge", "Baytown", "LA", "30314", "United States of America" ]
    ],
    "adr": [
      { "label": "42 Plantation St.\nBaytown, LA 30314\nUnited States of America", "type": "home" },
      "text",
      [ "", "", "42 Plantation St.", "Baytown", "LA", "30314", "United States of America" ]
    ],
    "email": {}, "text": "forrestgump@example.com",
    "rev": {}, "timestamp": "2008-04-24T19:52:43Z"
  ]
]
```

Semantic content

vCard information is common in web pages: the "free text" content is human-readable but not machine-readable. As technologies evolve, the "free text" (HTML) was adapting to be also machine-readable.

- hCard is a microformat that allows a vCard to be embedded inside an HTML page. It makes use of CSS class names to identify each vCard property. Normal HTML markup and CSS styling can be used alongside the hCard class names without affecting the webpage's ability to be parsed by a hCard parser. h-card is the microformats2 update to hCard.^{[2][3]}
- RDFa and Microdata are similar and oriented to Semantic Web: they are replacing hCard, but losing the exact mapping to vCard. Most of vCard properties are mapped using e.g. Schema.org vocabulary (see *Person* (<http://schema.org/Person>) and *Organization* (<http://schema.org/Organization>) classes).

Below is an example of first generation hCard.

```
<html>
<head>
<link rel="profile" href="http://microformats.org/profile/hcard" />
</head>
<body>
<div class="vcard">
  
  <h1 class="fn">Forrest Gump</h1>
  <div class="email">
    Email: <a class="value" href="mailto:forrestgump@example.com">forrestgump@example.com</a>
  </div>
  <div class="n">
    Prefix: <span class="honorific-prefix">Mr.</span><br>
    First Name: <span class="given-name">Forrest</span><br>
    Last Name: <span class="family-name">Gump</span>
  </div>
  <div class="label" style="display:none">
    <span class="type">home</span>
    42 Plantation St.<br>Baytown, LA 30314<br>United States of America
  </div>
  <div class="adr">
    <span class="type">Home</span> Address:<br>
    <span class="street-address">42 Plantation St.</span><br>
    <span class="locality">Baytown</span>, <span class="region">LA</span><br>
    <span class="postal-code">30314</span><br>
    <span class="country-name">United States of America</span>
  </div>
  <div class="tel">
    <abbr class="type" title="voice"></abbr>
    <span class="type">Home</span> Phone: <span class="value">(111) 555-1212</span>
  </div>
  <div>
    Organization: <span class="org">Bubba Gump Shrimp Co.</span><br>
    Title: <span class="title">Shrimp Man</span>
  </div>
  <div class="label" style="display:none">
    <span class="type">work</span>
    100 Waters Edge<br>Baytown, LA 30314<br>United States of America
  </div>
  <div class="adr">
    <span class="type">Work</span> Address (<span class="type">pref</span>erred):<br>
    <span class="street-address">100 Waters Edge</span><br>
    <span class="locality">Baytown</span>, <span class="region">LA</span><br>
    <span class="postal-code">30314</span><br>
    <span class="country-name">United States of America</span>
  </div>
  <div class="tel">
    <abbr class="type" title="voice"></abbr>
    <span class="type">Work</span> Phone: <span class="value">(404) 555-1212</span>
  </div>
</div>
```

```
</div>
<em>vCard last updated:</em>
<time class="rev" datetime="2008-04-24T19:52:43Z">April 24, 2008 at 7:52 PM GMT</time>
</div>
</body>
</html>
```

Properties

vCard defines the following property types.

All vCards begin with `BEGIN:VCARD` and end with `END:VCARD`. All vCards must contain the `VERSION` property, which specifies the vCard version. `VERSION` must come immediately after `BEGIN`, except in the vCard 2.1 standard, which allows it to be anywhere in the vCard. Otherwise, properties can be defined in any order.

R = required

S = supported

SP = special, supported

NS = no longer supported as a property but can be used as a parameter inside another property

Name	Versions			Description	Example
	2.1	3.0	4.0		
ADR	S	S	S	A structured representation of the physical delivery address for the vCard object.	ADR;TYPE=home;;;123 Main St.;Springfield;IL;12345;USA
AGENT	S	S		Information about another person who will act on behalf of the vCard object. Typically this would be an area administrator, assistant, or secretary for the individual. Can be either a URL or an embedded vCard.	AGENT:http://mi6.gov.uk/007
ANNIVERSARY			S	Defines the person's anniversary.	ANNIVERSARY:19901021
BDAY	S	S	S	Date of birth of the individual associated with the vCard.	BDAY:19700310
BEGIN	R	R	R	All vCards must start with this property.	BEGIN:VCARD
CALADRURI			S	A URL to use for sending a scheduling request to the person's calendar.	CALADRURI:http://example.com/calendar/jdoe
CALURI			S	A URL to the person's calendar.	CALURI:http://example.com/calendar/jdoe
CATEGORIES	S	S	S	A list of "tags" that can be used to describe the object represented by this vCard.	CATEGORIES:swimmer,biker
CLASS		S		Describes the sensitivity of the information in the vCard.	CLASS:public
CLIENTPIDMAP			S	Used for synchronizing different revisions of the same vCard.	CLIENTPIDMAP:1;urn:uuid:3df403f4-5924-4bb7-b077-3c711d9eb34b
EMAIL	S	S	S	The address for electronic mail communication with the vCard object.	EMAIL:johndoe@hotmail.com
END	R	R	R	All vCards must end with this property.	END:VCARD
FBURL			S	Defines a URL that shows when the person is "free" or "busy" on their calendar.	FBURL:http://example.com/fb/jdoe
FN	S	R	R	The formatted name string associated with the vCard object.	FN:Dr. John Doe
GENDER			S	Defines the person's gender.	GENDER:F
GEO	S	S	S	Specifies a latitude and longitude.	2.1, 3.0: GEO:39.95; -75.1667 4.0: GEO:geo:39.95, -75.1667 (geo:39.95, -75.1667)
IMPP		SP*	S	Defines an instant messenger handle. <i>* This property was introduced in a separate RFC when the latest vCard version was 3.0. Therefore, 3.0 vCards may use this property, even though it's not part of the 3.0 specifications.</i>	IMPP:aim:johndoe@aol.com
KEY	S	S	S	The public encryption key associated with the vCard object. It may point to an external URL, may be plain text, or may be embedded in the vCard as a Base64 encoded block of text.	2.1: KEY;PGP:http://example.com/key.pgp 2.1: KEY;PGP;ENCODING=BASE64:[base64-data] 3.0: KEY;TYPE=PGP:http://example.com/key.pgp 3.0: KEY;TYPE=PGP;ENCODING=b:[base64-data] 4.0: KEY;MEDIATYPE=application/pgp-keys:http://example.com/key.pgp 4.0: KEY:data:application/pgp-keys;base64,[base64-data]
KIND			S	Defines the type of entity that this vCard represents: 'application', 'individual', 'group', 'location' or 'organization'; 'x-*' values may be used for experimental purposes. ^{[4][5]}	KIND:individual

Name	Versions			Description	Example
	2.1	3.0	4.0		
LABEL	S	S	NS*	Represents the actual text that should be put on the mailing label when delivering a physical package to the person/object associated with the vCard (related to the ADR property). <i>* Not supported in version 4.0. Instead, this information is stored in the LABEL parameter of the ADR property. Example: ADR;TYPE=home;LABEL="123 Main St\nNew York, NY 12345";;123 Main St;New York,NY;12345;USA</i>	LABEL;TYPE=HOME:123 Main St.\nSpringfield, IL 12345\nUSA
LANG			S	Defines a language that the person speaks.	LANG:fr-CA
LOGO	S	S	S	An image or graphic of the logo of the organization that is associated with the individual to which the vCard belongs. It may point to an external URL or may be embedded in the vCard as a Base64 encoded block of text.	2.1: LOGO;PNG:http://example.com/logo.png 2.1: LOGO;PNG;ENCODING=BASE64:[base64-data] 3.0: LOGO;TYPE=PNG:http://example.com/logo.png 3.0: LOGO;TYPE=PNG;ENCODING=b:[base64-data] 4.0: LOGO;MEDIATYPE=image/png:http://example.com/logo.png 4.0: LOGO:data:image/png;base64,[base64-data]
MAILER	S	S		Type of email program used.	MAILER:Thunderbird
MEMBER			S	Defines a member that is part of the group that this vCard represents. Acceptable values include: <ul style="list-style-type: none"> a "mailto:" URL containing an email address a UID which references the member's own vCard The KIND property must be set to "group" in order to use this property.	MEMBER:urn:uuid:03a0e51f-d1aa-4385-8a53-e29025acd8af
N	R	R	S	A structured representation of the name of the person, place or thing associated with the vCard object.	N:Doe;John;;Dr;
NAME		S		Provides a textual representation of the SOURCE property.	
NICKNAME		S	S	One or more descriptive/familiar names for the object represented by this vCard.	NICKNAME:Jon, Johnny
NOTE	S	S	S	Specifies supplemental information or a comment that is associated with the vCard.	NOTE:I am proficient in Tiger-Crane Style,\nand I am more than proficient in the exquisite art of the Samurai sword.
ORG	S	S	S	The name and optionally the unit(s) of the organization associated with the vCard object. This property is based on the X.520 Organization Name attribute and the X.520 Organization Unit attribute.	ORG:Google;GMail Team;Spam Detection Squad
PHOTO	S	S	S	An image or photograph of the individual associated with the vCard. It may point to an external URL or may be embedded in the vCard as a Base64 encoded block of text.	2.1: PHOTO;JPEG:http://example.com/photo.jpg 2.1: PHOTO;JPEG;ENCODING=BASE64:[base64-data] 3.0: PHOTO;TYPE=JPEG;VALUE=URI:http://example.com/photo.jpg 3.0: PHOTO;TYPE=JPEG;ENCODING=b:[base64-data] 4.0: PHOTO;MEDIATYPE=image/jpeg:http://example.com/photo.jpg 4.0: PHOTO:data:image/jpeg;base64,[base64-data]
PROPID		S	S	The identifier for the product that created the vCard object.	PROPID:-//ONLINE DIRECTORY//NONSGML Version 1//EN
PROFILE	S	S		States that the vCard is a vCard.	PROFILE:VCARD

Name	Versions			Description	Example
	2.1	3.0	4.0		
RELATED			S	Another entity that the person is related to. Acceptable values include: <ul style="list-style-type: none"> a "mailto:" URL containing an email address a UID which references the person's own vCard 	RELATED;TYPE=friend:urn:uuid:03a0e51f-d1aa-4385-8a53-e29025acd8af
REV	S	S	S	A timestamp for the last time the vCard was updated.	REV:20121201T134211Z
ROLE	S	S	S	The role, occupation, or business category of the vCard object within an organization.	ROLE:Executive
SORT-STRING	S	S	NS*	Defines a string that should be used when an application sorts this vCard in some way. <i>* Not supported in version 4.0. Instead, this information is stored in the SORT-AS parameter of the N and/or ORG properties.</i>	SORT-STRING:Doe
SOUND	S	S	S	By default, if this property is not grouped with other properties it specifies the pronunciation of the FN property of the vCard object. It may point to an external URL or may be embedded in the vCard as a Base64 encoded block of text.	2.1: SOUND;OGG:http://example.com/sound.ogg 2.1: SOUND;OGG;ENCODING=BASE64:[base64-data] 3.0: SOUND;TYPE=OGG:http://example.com/sound.ogg 3.0: SOUND;TYPE=OGG;ENCODING=b:[base64-data] 4.0: SOUND;MEDIATYPE=audio/ogg:http://example.com/sound.ogg 4.0: SOUND:data:audio/ogg;base64,[base64-data]
SOURCE	S	S	S	A URL that can be used to get the latest version of this vCard.	SOURCE:http://johndoe.com/vcard.vcf
TEL	S	S	S	The canonical number string for a telephone number for telephony communication with the vCard object.	TEL;TYPE=cell:(123) 555-5832
TITLE	S	S	S	Specifies the job title, functional position or function of the individual associated with the vCard object within an organization.	TITLE:V.P. Research and Development
TZ	S	S	S	The time zone of the vCard object.	2.1, 3.0: TZ: -0500 4.0: TZ:America/New_York
UID	S	S	S	Specifies a value that represents a persistent, globally unique identifier associated with the object.	UID:urn:uuid:da418720-3754-4631-a169-db89a02b831b
URL	S	S	S	A URL pointing to a website that represents the person in some way.	URL:http://www.johndoe.com
VERSION	R	R	R	The version of the vCard specification. In version 4.0, this must come right after the BEGIN property.	VERSION:3.0
XML			S	Any XML data that is attached to the vCard. This is used if the vCard was encoded in XML (xCard standard) and the XML document contained elements which are not part of the xCard standard.	XML:Not an xCard XML element

A handful of separate specifications define additional vCard properties.

Name	Specification	Description	Example
BIRTHPLACE	RFC 6474	The location of the individual's birth.	BIRTHPLACE;VALUE=text:Maida Vale\, London\, England
DEATHDATE	RFC 6474	The individual's time of death.	DEATHDATE:19540607
DEATHPLACE	RFC 6474	The location of the individual death.	DEATHPLACE;VALUE=uri:geo:53.328,-2.229409
EXPERTISE	RFC 6715	A professional subject area that the person has knowledge of.	EXPERTISE;LEVEL=expert:Computer Science
HOBBY	RFC 6715	A recreational activity that the person actively engages in.	HOBBY;LEVEL=high:knitting
IMPP	RFC 4770	Defines an instant messenger handle. This was added to the official vCard specification in version 4.0.	IMPP:aim:johndoe@aol.com
INTEREST	RFC 6715	A recreational activity that the person is interested in, but does not necessarily take part in.	INTEREST;LEVEL=high:baseball
ORG-DIRECTORY	RFC 6715	A URI representing the person's work place, which can be used to look up information on the person's co-workers.	ORG-DIRECTORY:http://www.company.com/employees

vCard extensions

vCard supports private extensions, with an "X-" prefix, a number of which are in common usage.

Some of these include:

Extension	Used As	Data	Semantic
Extensions supported by several different programs.			
X-ABUID	property	string	Apple <u>Address Book</u> <u>UUID</u> for that entry
X-ANNIVERSARY	property	YYYY-MM-DD	arbitrary anniversary (in addition to BDAY, birthday)
X-ASSISTANT	property	string	assistant name (instead of AGENT)
X-MANAGER	property	string	manager name
X-SPOUSE	property	string	spouse name
X-GENDER	property	string	value Male or Female
X-WAB-GENDER	property	1/2	value 1 for female or 2 for male
X-AIM	property	string	Instant Messaging (IM) contact information; TYPE parameter as for TEL
X-ICQ	property	string	
X-GOOGLTALK, X-GTALK	property	string	
X-JABBER	property	string	
X-MSN	property	string	
X-YAHOO	property	string	
X-TWITTER	property	string	
X-SKYPE, X-SKYPE-USERNAME	property	string	
X-GADUGADU	property	string	
X-GROUPWISE	property	string	
X-MS-IMADDRESS	property	string	IM address in VCF attachment from <u>Outlook</u> (right click Contact, Send Full Contact, Internet Format.)
X-MS-CARDPICTURE	property	string	Works as PHOTO or LOGO. Contains an image of the Card in Outlook.
X-MS-OL-DESIGN	property	string	Contains XML used by Outlook describing the layout of the information presented as a business card. ^[6]
X-PHONETIC-FIRST-NAME, X-PHONETIC-LAST-NAME	property	string	alternative spellings, for assisting with the pronunciation of unfamiliar names
Introduced and used by Mozilla; used by Evolution (software)			
X-MOZILLA-HTML	property	TRUE/FALSE	mail recipient prefers HTML-formatted email
X-MOZILLA-PROPERTY	property	string	Thunderbird specific settings
Introduced and used by Evolution (software)			
X-EVOLUTION-ANNIVERSARY	property	YYYY-MM-DD	arbitrary anniversary (in addition to BDAY, birthday)
X-EVOLUTION-ASSISTANT	property	string	assistant name (instead of Agent)
X-EVOLUTION-BLOG-URL	property	string/URL	blog URL
X-EVOLUTION-FILE-AS	property	string	file under different name (in addition to N, name components; and FN, full name)
X-EVOLUTION-LIST	property	TRUE/FALSE	entry defines a mailing list (e.g. X-EVOLUTION-LIST:TRUE)
X-EVOLUTION-LIST-SHOW_ADDRESSES	property	TRUE/FALSE	sets whether individual addresses will appear in e-mails sent using a mailing list (e.g. X-EVOLUTION-LIST-SHOW_ADDRESSES:FALSE)
X-EVOLUTION-MANAGER	property	string	manager name
X-EVOLUTION-SPOUSE	property	string	spouse name
X-EVOLUTION-VIDEO-URL	property	string/URL	video chat address
X-EVOLUTION-CALLBACK	TEL TYPE parameter value	-	callback phone number
X-EVOLUTION-RADIO	TEL TYPE parameter value	-	radio contact information
X-EVOLUTION-TELEX	TEL TYPE parameter value	-	<u>Telex</u> contact information

X-EVOLUTION-TTYTDD	TEL TYPE parameter value	-	TTY <u>TDD</u> contact information
Introduced and used by <u>Kontakt</u> and <u>KAddressBook</u>			
X-KADDESSB00K-BlogFeed	property	string/URL	blog URL
X-KADDESSB00K-X-Anniversary	property	ISO date	arbitrary anniversary, in addition to BDAY = birthday
X-KADDESSB00K-X-AssistantsName	property	string	assistant name (instead of Agent)
X-KADDESSB00K-X-IMAddress	property	string	im address
X-KADDESSB00K-X-ManagersName	property	string	manager name
X-KADDESSB00K-X-Office	property	string	office description
X-KADDESSB00K-X-Profession	property	string	profession
X-KADDESSB00K-X-SpouseName	property	string	spouse name
X-KADDESSB00K-OPENPGFPF	property	string	OpenPGG fingerprint (<u>RFC 6350</u> standardised KEY as a replacement for this)
Introduced and used by <u>WebMoney</u>			
X-WEBMONEY-ID	property	long	Unique 12-Digit number, which is the address of a member within the <u>WebMoney</u> system

See also

- CardDAV
- FOAF (ontology)
- Geo URI scheme
- hCard
- MeCard

References

- RFC 6350, section 10.1 "Media Type Registration"
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External links

- Internet mail Consortium - Personal Data Interchange (<http://www.imc.org/pdi/>)
- vCard: The Electronic Business Card (Version 2.1) (https://web.archive.org/web/20120501162958if_/http://www.imc.org/pdi/vcard-21.doc) vCard 2.1 specification (Sept-18-1996)
- Representing vCard Objects in RDF (<https://www.w3.org/TR/vcard-rdf/>) - W3C ontology
- RFC 2425 — A MIME Content-Type for Directory Information
- RFC 2426 — vCard MIME Directory Profile
- RFC 2739 — Calendar Attributes for vCard and LDAP
- RFC 4122 — UUID URN namespace (could be used for UID type)
- RFC 4770 — vCard Extensions for Instant Messaging
- RFC 6350 — vCard Format Specification
- RFC 6351 — xCard: vCard XML Representation
- RFC 6473 — vCard KIND:application
- RFC 6474 — vCard Format Extensions: Place of Birth, Place and Date of Death
- RFC 6715 — vCard Format Extensions: Representing vCard Extensions Defined by the Open Mobile Alliance (OMA) Converged Address Book (CAB) Group
- RFC 6868 — Parameter Value Encoding in iCalendar and vCard

- [RFC 7095](#) — jCard: The JSON Format for vCard
- [IETF vCardDAV working group \(https://tools.ietf.org/wg/vcarddav/\)](https://tools.ietf.org/wg/vcarddav/)
- [CSV to vCard contacts file converter \(http://www.csvtovcard.com/\)](http://www.csvtovcard.com/)
- [DFDL schemas for vCard \(https://github.com/DFDLSchemas/vCard\)](https://github.com/DFDLSchemas/vCard)

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