

Updates on purpose of controls

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Look at the issue and the [understanding document](#) to understand the SC

Implementations proposals

- autocorrect: Autocomplete <https://jqueryui.com/autocomplete/>, <https://api.jqueryui.com/autocomplete/>, W3Schools https://www.w3schools.com/tags/att_input_autocomplete.asp (100%)
- Easy reader (- a million users, signed commitments text help, funk U and others)
- Ahmichi - 3 clients from userFirst
- Lisa seeman (open source script, browser extention and web site),
- EA (slide-wiki),
- Mark Wilcock (ATOS sub site on inclusion)
<https://a11y-resources.com/developer/coga-personalisation>
- Charles lapeir - diagram ,
- Sharon snider IBM developer work
- Deque demo page (John F)

Techniques (Lisa)

We have in a different google doc a few techniques by Lisa (John has some others)

1. Providing the purpose of a control using autocomplete

https://docs.google.com/document/d/1YiknHDDDDdKBdwVTEpxwUpyCaQL_tnpp9CfDIFjCq16E/edit#heading=h.q5bhbtu604wm

2. Purpose of Controls using ARIA

See

https://docs.google.com/document/d/1YiknHDDDDdKBdwVTEpxwUpyCaQL_tnpp9CfDIFjCq16E/edit#heading=h.u1e00yxhw9gy

Note the aria module plans to go to CR before we leave CR, so there is a lag but it is more mature than aria was at the same point

3. Purpose of Controls using Microdata and the ARIA vocabulary

See https://docs.google.com/document/d/1YiknHDDDDdKBdwVTEpxwUpyCaQL_tnpp9CfDIFjCq16E/edit#heading=h.l8xpfrh130a

Note the published vocabulary should be mid december 2017

4. John will be adding a technique based on his analysis below

John F.'s techniques using schema.org

Button types

Criticality

Intended Function	Intended Definition	Schema.org (URL Reference / Definition)	
Navigation actions			
toc (contents)	opens a table of content	http://schema.org/MoveAction?Tolocation=TableOfContents	ü
		The act of an agent relocating to a place. (& QualifiedLocation)	
next	move to the next item in the series	http://schema.org/MoveAction?Tolocation=Next	ü
		The act of an agent relocating to a place. (& QualifiedLocation)	
previous	move to the previous item in the series	http://schema.org/MoveAction?Tolocation=Previous	ü
		The act of an agent relocating to a place. (& QualifiedLocation)	
higher	increases the level of the relevant setting	http://schema.org/ControlAction/IncrementAction	?
		An agent controls a device or application. (+ IncrementAction)	
lower	decreases the level of the relevant setting	http://schema.org/ControlAction/DecrementAction	?
		An agent controls a device or application. (+ DecrementalAction)	
move	move the selected item	http://schema.org/MoveAction	ü
		The act of an agent relocating to a place.	
UI / Page Actions			
sign in	sign in to	http://schema.org/InteractAction/SignInAction	?

	current web site or application	tion The act of interacting with another person or organization. (+ SignInAction)	
sign out	sign out current web site or application	http://schema.org/InteracAction/SignOutAction The act of interacting with another person or organization. (+ SignOutAction)	?
sign up	register for the current web site or application	http://schema.org/RegisterAction The act of registering to be a user of a service, product or web page.	ü
upload	upload file to the server	http://schema.org/ControlAction/UploadAction An agent controls a device or application. (+ UploadAction)	?
expand	expand or unexpand the current item	http://schema.org/ControlAction/ExpandAction An agent controls a device or application. (+ ExpandAction)	?
more	Synonym for Expand	(Question to Schema.org - opinion?)	?
refresh	manually refresh the current contents of the screen	http://schema.org/ControlAction/RefreshAction An agent controls a device or application. (+ RefreshAction)	?
print	print current page, selection or the item at the current location	http://schema.org/ControlAction/PrintAction An agent controls a device or application. (+ PrintAction)	?

reset	resets all the controls to their initial values	http://schema.org/ControlAction/ResetAction	?
		An agent controls a device or application. (+ ResetAction)	
comment	submit a comment on the current item	http://schema.org/CommentAction	ü
		The act of generating a comment about a subject.	
settings	open settings and options	http://schema.org/ControlAction/PrintAction	?
		An agent controls a device or application. (+ OpenSettingsAction)	
date	opens a date control	http://schema.org/ControlAction/DateAction	?
		An agent controls a device or application. (+ DateAction)	
Editing Actions			
open	open existing item	http://schema.org/ViewAction	ü
		The act of consuming static visual content.	
compose	compose new item, such as an email, online document, etc.	http://schema.org/WriteAction	ü
		The act of authoring written creative content.	
edit	edit current item, selection, or the item at the current location	http://schema.org/UpdateAction	ü
		The act of managing by changing/editing the state of the object.	

cut	removes the selected control, item, or text and places it on the Clipboard (Temporary memory of the device)	http://schema.org/UpdateAction/CutAction The act of managing by changing/editing the state of the object. (+ CutAction)	?
copy	copies the selected control, item, or text onto the Clipboard (Temporary memory of the device)	http://schema.org/UpdateAction/CopyAction The act of managing by changing/editing the state of the object. (+ CopyAction)	?
paste	adds the current contents of the Clipboard (Temporary memory of the device)	http://schema.org/InsertAction The act of adding at a specific location in an ordered collection.	ü
save	save the current content	http://schema.org/UpdateAction/SaveAction The act of managing by changing/editing the state of the object. (+ SaveAction)	?
send	submits the form data or request to the server	http://schema.org/SendAction The act of physically/electronically dispatching an object for transfer from an origin to a destination.	ü
submit	Synonym for Send	(Question to Schema.org - opinion?)	?

post	post current item. Item will be visible to other parties.	http://schema.org/WriteAction The act of authoring written creative content.	ü
delete	delete current item, selected control, or text	http://schema.org/DeleteAction The act of editing a recipient by removing one of its objects.	ü
undo	revert to the state before the user's most recent changes	http://schema.org/ControlAction/UndoAction An agent controls a device or application. (+ UndoAction)	?
cancel	closes a dialog or similar container, and discards any unsaved changes the user may have made within that dialog or container.	http://schema.org/ControlAction/CancelAction An agent controls a device or application. (+ CancelAction)	?
close	Synonym for Cancel	(Question to Schema.org - opinion?)	?
Email Actions			
Read	Open Email	http://schema.org/ReadAction The act of consuming written content.	ü
reply	reply to current item such as an email	http://schema.org/ReplyAction The act of responding to a question/message asked/sent by the object.	ü

forward (next)	forward to current item such as an email	http://schema.org/ShareAction/ForwardAction The act of distributing content to people for their amusement or edification. (+ ForwardAction)	?
received	open received folder	http://schema.org/WebPage/ReceivedFolder A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ ReceivedFolder)	?
sent	open sent folder	http://schema.org/WebPage/SentFolder A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ SentFolder)	?
Shopping Actions			
add	add the selected item or the item at the current location to a list	http://schema.org/AddAction The act of editing by adding an object to a collection.	ü
remove	remove an item from a list	http://schema.org/DeleteAction The act of editing a recipient by removing one of its objects.	ü
buy	buy the selected item or buy the item at the current location . Often involves adding	http://schema.org/BuyAction	ü

	the current item into a shopping cart.	The act of giving money to a seller in exchange for goods or services rendered. An agent buys an object, product, or service from a seller for a price.	
checkout	procede to the purchase stage. Usually invokes ecommerce functions such as accepting credit cards, redirection to PayPal, etc.	http://schema.org/TradeAction/CheckoutAction The act of participating in an exchange of goods and services for monetary compensation. An agent trades an object, product or service with a participant in exchange for a one time or periodic payment.	?
properties	Synonym of Expand	(Question to Schema.org - opinion?)	?
Link types			Criticality
Intended Function	Intended Definition	Schema.org (URL Reference / Definition)	
home	initial or main page of a website or application	http://schema.org/WebPage/HomePage A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ HomePage)	?
contact us	opes contact information for content owner or producer	http://schema.org/ContactPage Web page type: Contact page.	ü
about us	information about the content owner	http://schema.org/AboutPage Web page type: About page.	ü

	or producer		
our phone	phone content owner or producer	http://schema.org/CommunicateAction?instrument="phone"	ü
		The act of conveying information to another person via a communication medium (instrument) such as speech, email, or telephone conversation.	
our email	email content owner or producer	http://schema.org/CommunicateAction?instrument="email"	ü
		The act of conveying information to another person via a communication medium (instrument) such as speech, email, or telephone conversation.	
site map	content containing a list of pages in a web site	http://schema.org/Webpage/SiteMap	?
		A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ SiteMap)	
help	a help function, support or instructions	http://schema.org/CommunicateAction/HelpAction	?
		The act of conveying information to another person via a communication medium (instrument) such as speech, email, or telephone conversation. (+HelpAction)	
chat help	Human help or a dialog help function such as a chat bot	http://schema.org/CommunicateAction/HelpAction?instrument=chat	?
		The act of conveying information to another person via a communication medium (instrument) such as speech, email, or telephone conversation. (+ HelpAction)	

services	services available from the content provider	http://schema.org/WebPage/Services A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ ServicesPage)	?
products	products available from the content provider	http://schema.org/WebPage/Products A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ ProductsPage)	?
terms	terms and conditions	http://schema.org/Webpage/TermsConditions A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ TermsPage)	?
language	language options	http://schema.org/ChooseAction?result=language The act of expressing a preference from a set of options or a large or unbounded set of choices/options.	ü
social	content provider on social media	http://schema.org/Webpage/Social A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ Social)	?

		(Question to Schema.org - presuming that /Social?instrument="facebook" would be acceptable?)	
my profile	opens the user's profile page	http://schema.org/WebPage/ProfilePage	?
		A web page. Every web page is implicitly assumed to be declared to be of type WebPage, so the various properties about that webpage, such as breadcrumb may be used. (+ ProfilePage)	
(Propose To Remove)			
tools	available tools for the current content		
mode	change the mode or functionality		
right	moves a selected item to the right to another column or list		
left	moves a selected item to the left to another column or list		
help*	opens a help function	See: Help: WebPage Type below. (Question to Schema.org, is it acceptable to blur the distinction between a help function and a help page?)	
color	opens a color picker		

label add label to the
selected item or
the item at the
current
location.

Current lists

Value	Description
compose	compose new item such as an email. (Implied simplification = "critical".)
next	move to the next item in the series. (Implied simplification = "critical".)
delete	delete current item, selected control or text
previous	move to the previous item in the series. (Implied simplification = "critical".)
toc	opens a table of content
submit	submits the form data or request to the server. (Implied simplification = "critical".)
undo	revert to the state before the user's most recent changes
cancel	closes the dialog and discards any changes the user may have made within that dialog. (Implied simplification = "critical".)
reset	resets all the controls to their initial values
label	add label to the selected item or the item at the current location.

buy	buy the selected item or buy the item at the current location. Often involves adding the current item into a shopping cart. (Implied simplification = "critical".)
add	add the selected item or the item at the current location to a list
move	move the selected item
save	save the current content. (Implied simplification = "critical".)
send	send a form, email or request. (Implied simplification = "critical".)
close	close current dialog. (Implied simplification = "critical".)
more	<p>show more information</p> <p>EDITOR'S NOTE</p> <p>We may need more work to identify the direction (up left degree etc) but there may be a way to do that already</p>
print	print current page, selection or the item at the current location
received	open received folder
sent	open sent folder
edit	edit current item, selection or the item at the current location
forward	forward to current item such as an email

reply	reply to current item such as an email. (Implied simplification = "critical".)
upload	upload file to the server
open	open item. (Implied simplification = "critical".)
new	open new item. (Implied simplification= "critical".)
settings	open settings and options
mode	change the mode or functionality. (Implied simplification= "critical".)
higher	increases the level of the relevant setting. (Implied simplification= "critical".)
lower	increases the level of the relevant setting. (Implied simplification= "critical".)
profile	opens the user's profile page
expand	expand or unexpand the current item
refresh	manually refresh the current contents of the screen
properties	shows the properties of the item
help	opens a help function. (Implied simplification= "critical".)
cut	removes the selected control, item or text and places it on the Clipboard
copy	copies the selected control, item or text onto the Clipboard
color	opens a color picker

date	opens a date control. (Implied simplification="critical".)
remove	remove an item from a list
right	moves a selected item to the right to another column or list
left	moves a selected item to the left to another column or list

Value	Description
home	initial or main page of a website or application
contact	opens contact information for content owner or producer
phone	phone content owner or producer
email	email content owner or producer
sitemap	content containing a list of pages in a web site
help	a help function, support or instructions
chat	Human help or a dialog help function such as a chat bot
about	information about the content owner or producer
terms	terms and conditions
tools	available tools for the current content
services	services available from the content provider

products	products available from the content provider
comment	submit a comment on the current item
language	language options
signin	sign in to current web site or application
signout	sign out current web site or application
register	register for the current web site or application
social	content provider on social media
post	post current item. Item will be visible to other parties.

Feilds

alue	Description
name	full name
honorific-prefix	prefix or title (Mr., Mrs. Dr., etc.)
given-name	given or first name
additional-name	additional or middle name
additional-name-initial	additional or middle name initial
family-name	family name, surname, or last name
honorific-suffix	suffix (Jr., II, etc.)
nickname	nickname
street-address	full street address condensed into one line
address-line1	first line of street address

address-line2	second line of street address
address-line3	third line of street address
city	locality or city
area	administrative area, state, province, or region
postalcode	postal or ZIP code
country	country name
fax	full fax number, including country code
fax-country-code	international country code
fax-national	national fax number: full number minus country code
fax-area-code	area code
fax-local	local fax number: full number minus country and area codes
fax-extension	fax extension number
email	email address
tel	full phone number, including country code
tel-country-code	international country code
tel-national	national phone number: full number minus country code
tel-area-code	area code
tel-local	local phone number: full number minus country and area codes

tel-extension	phone extension number
cc-name	full name, as it appears on credit card
cc-number	credit card number
cc-exp-month	month of expiration of credit card
cc-exp-year	year of expiration of credit card
cc-exp	date of expiration of credit card
cc-csc	credit card security code
language	preferred language
bday	birthday
bday-year	year of birthday
bday-month	month of birthday
bday-day	day of birthday
topic	Topic for the form. Typically selected from a list of reserved words
comment	comment section. Typically a free text field
subject	form subject. Typically a free text field
answer	answer to a section question
org	company or organization
organization-title	user's position or title within company or organization
sex	sex or gender
gender	gender identity

url	Website URL
photo	photo or avatar
section-*****	used to group forms together

Responses for coga SC issues

Please also see our understanding sections

<https://docs.google.com/document/d/13hmoaVU563kTio1EZD5mbNxcc0k924qVdZZwWckcbu0/edit>

Our techniques also answer a lot of issues

https://docs.google.com/document/d/1YiknHDDDDdKBdwVTEpxwUpyCaQL_tnpp9CfDIFjCq16E/edit#

Purpose of controls

for <https://github.com/w3c/wcag21/issues/546> :

Hi Jan

thank you for your feedback. You are correct, the conventional name are the items listed in the definitions. We will try and clarify that in the understanding section and the techniques. There is an ARIA module WD to support this and other methods include autocomplete and microdata. however we do not know how to support this in all formats such as PDF, so we have limited the scope to mark up languages like HTML.

If you want you can look at our draft techniques at

https://docs.google.com/document/d/1YiknHDDDDdKBdwVTEpxwUpyCaQL_tnpp9CfDIFjCq16E/edit#(you will have to scroll down to find them)

By the time we leave CR we are committed to all SC have working websites and implementations in a few different platforms (or they will

be removed from the final draft). Please see https://www.w3.org/WAI/GL/wiki/WCAG_2.1_CR_Exit_Criteria for the details.

We hope that answers your concerns, if not please feel free to open a new issue.

Comment from Mike and <https://github.com/w3c/wcag21/issues/427>

- inconsistent in a variety of ways
- from their syntax (spaces in some, dashes in others)
- to words being spelled out in one usage and abbreviated in another.
- .

Proposed response

Thank you for your comments. We had tried to be inline with different specifications which made for inconsistent syntax. Please note the syntax does not matter as much as you do not need to use the terms themselves, just ensure that the items identified are matien understandable. We will however edit the definitions for the next version to make them more consistent .

For comment <https://github.com/w3c/wcag21/issues/340> and 319

Thank you for your comments. Note that this is just for programmatic identification (so AT can identify them or autofill can work and other support) — but we are not requiring that they be the terms used for users to see. SO the user does not need to understand the terms used.