

Inclusive Universe 1.0

Integrating Universal Design into Social Apps

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Universal Design

[T]he design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.

–Ron Mace

ADAPTS

Ability

Device

Age

Preference

Task


Situation

Inclusive Universe 1.0

A cloud of services and applications that ADAPTS to support an inclusive community, to the greatest extent possible, without the need for specialized design.

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<input type="checkbox"/> ☆ Debi Orton	[WebAIM] Up-to-l 8:13 pm
<input type="checkbox"/> ☆ Durre, Frank .. Durre (10)	[Doitchat] Securit 6:10 pm
<input type="checkbox"/> ☆ Jennifer Sutton	[WebAIM] Using \ 6:02 pm
<input type="checkbox"/> ☆ Inclusion Daily Express .	» Inclusion Daily E 5:43 pm
<input type="checkbox"/> ☆ Erin, me (2)	» Chisholm, Wendy - 4:44 pm
<input type="checkbox"/> ☆ compliance	» Alert: Adobe IC/Vei 4:30 pm


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Wendy Chisholm

workin' it ▼

Brian Pearl

Matt May

zach chisholm

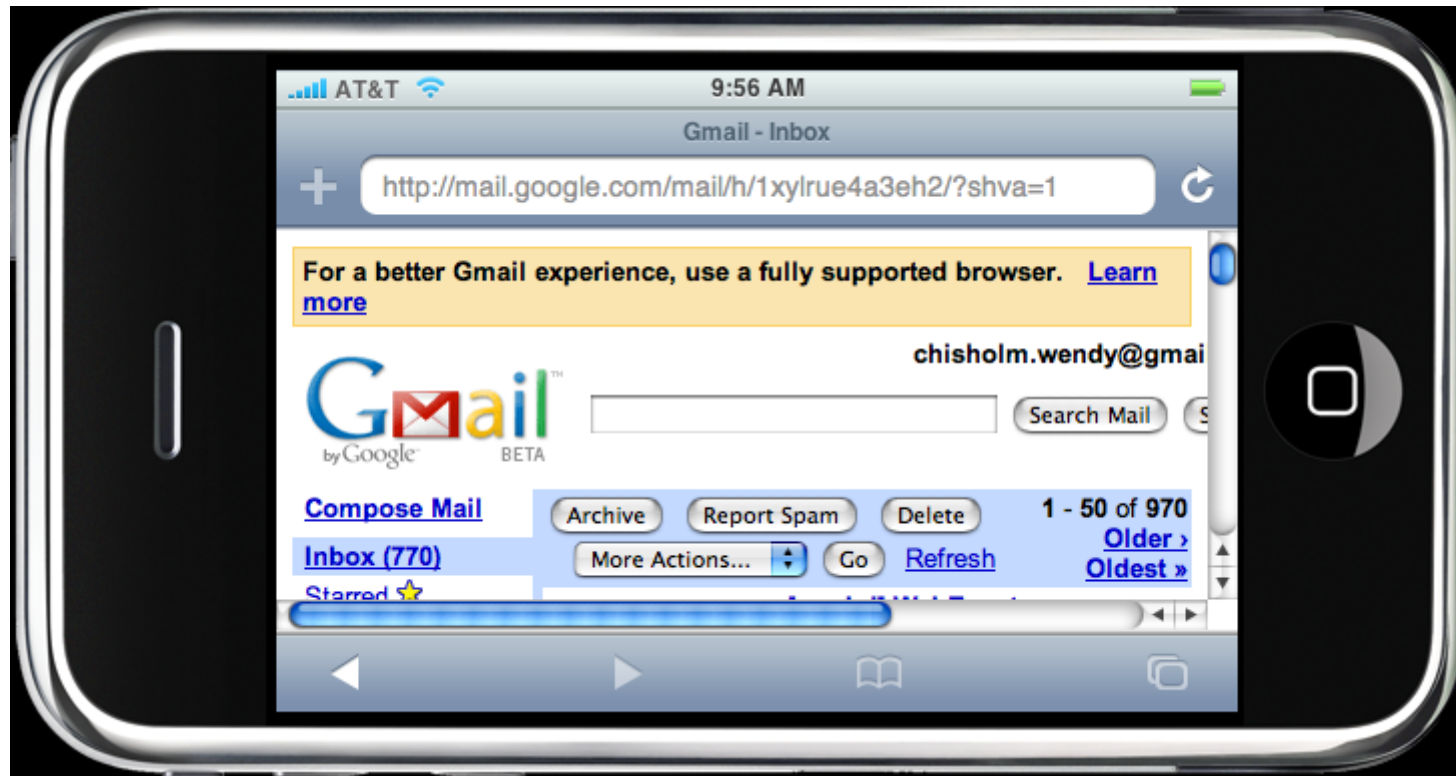
Loretta Guarini

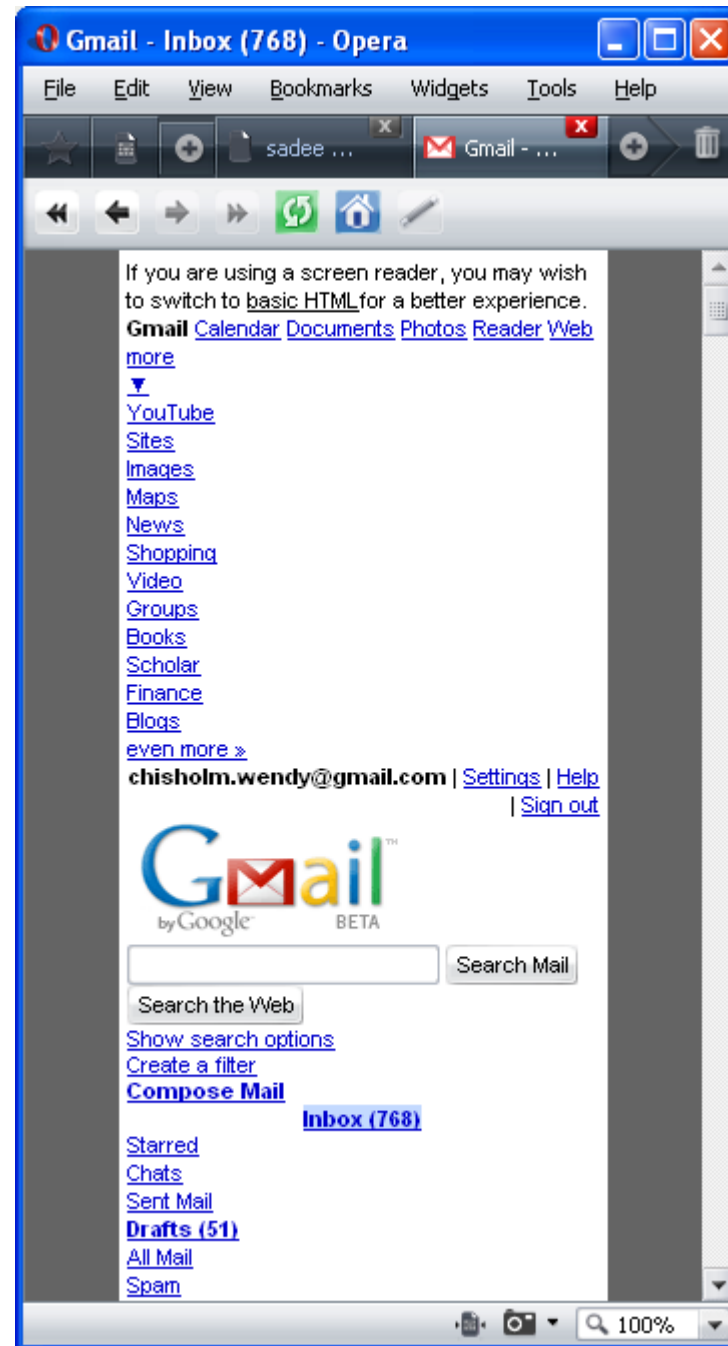
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<input type="checkbox"/>	Jeff Dillon	[uwebd] WebEvent View - I am interested to know if anyone	9:50 am
<input type="checkbox"/>	Durre, Frank .. Jesse (13)	[Doitchat] Security systems and accessibility - I would like	9:36 am
<input type="checkbox"/>	Richard .. Jesse, Jason (4)	[uwebd] A new 'cloud' in the sky -- Adobe Air - Richard Wi	9:27 am
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<input type="checkbox"/>	Theresa Choi	[Crownhill_toddlers] Scholastic book orders due March 1'	8:29 am
<input type="checkbox"/>	Debi, Tim, Cole (4)	[WebAIM] Up-to-Date Resource on US State Policies and I	8:03 am
<input type="checkbox"/>	pownce	» [Pownce] New message from zach chisholm! - zach chishc	7:51 am
<input type="checkbox"/>	Brandon .. Stefani (13)	[Doitchat] What do you guys want in an OS? - I just recent	7:42 am
<input type="checkbox"/>	west elm	» 1 sofa, 3 ways: Sofa, chair, bed or ottoman? You decide -	6:52 am
<input type="checkbox"/>	Michael Fienen	[uwebd] Today's IRC Roundtable: Establishing Web Polici	6:41 am
<input type="checkbox"/>	Ken .. David, David (6)	[uwebd] Powerpoint to Flash conversion software - Does	5:40 am
<input type="checkbox"/>	Karine Joly	[uwebd] Facebook Applications 101 and Beyond Webinar	4:17 am
<input type="checkbox"/>	Sittercity	» Get your own Spring Break - You are receiving this messag	12:28 am
<input type="checkbox"/>	Design Within Reach	» Last day to save on an "office in a box" - If you're having tr	12:22 am
<input type="checkbox"/>	Brian Hardy	» [wendy chisholm] New comment on Go with the flow. - Brian H	12:07 am
<input type="checkbox"/>	BECU	» eStatement Email Notification - Dear Wendy Chisholm, You	10:48 pm
<input type="checkbox"/>	Cory Miller (3)	RE: [Doitchat] Cory got accepted to PLU! - Political Scienc	Feb 25





This page intentionally left blank to illustrate the view of gmail to someone who is blind or not viewing the screen for some reason. At this point in my presentation, I did a quick demo of mobile speak on an htc shadow reading gmail...trying to further emphasize the importance of challenging your assumptions about your users.

2 Wishes

→ APIs

→ I/O



APIs

- e.g., Digg
 - `<thumbnail originalwidth="651" originalheight="658" contentType="image/jpeg" src="http://digg.com/basketball/Hoopfest_Like_Woodstock_for_Basketball/t.jpg" width="80" height="80" />`



An element or attribute to provide text equivalents.

Twitter - Mozilla Firefox

File Edit View History Bookmarks Tools Help del.icio.us

←

→

↺

✕

🏠

🖼️

TAG

http://twitter.com/home

📡

▶

🔍

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Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools View Source Options

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Twitter.com

Name or location

search

Home Find & Follow Settings Help Sign out

What are you doing?

140

update

Recent

Replies

Archive

Everyone

James Craig

cookiecrook

@willotoons

Cmd+Opt+Esc is your friend.

less than 5 seconds ago

from twitterrific in reply to willotoons

icon_star_empty

reply to cookiecrook

Barack Obama

BarackObama

In Washington, DC. Speaking to the League of United Latin American Citizens (LULAC). Watch it live at: <http://my.barackobama.com/l...>

less than 20 seconds ago

from web

icon_star_empty

reply to BarackObama

Bryan Veloso

bryanveloso

sighs.

less than 20 seconds ago

from web

icon_star_empty

reply to bryanveloso

Tim O'Reilly

timoreilly

@jeffjarvis

I've bugged Google about following tinyurl and other short links. Other services need to do this too.

2 minutes ago

from twirl in reply to jeffjarvis

icon_star_empty

reply to timoreilly

Bryan Veloso

bryanveloso

looks at the logs. Apparently the sites were down for almost 10 hours. D:

3 minutes ago

from web

icon_star_empty

reply to

Hi,

[your profile](#)

WendyWendy Chisholm Chisholm

Currently

@hottiekitten come on over! haha (when I read "wendy's" i thought, "awesome." then realized you're talking about dinner :)

We're working to restore IM services to all users. Thanks for your patience!

Device Updates [add device](#)

☐ im

☒ phone

☐ web-only

Stats

Following

56

Followers

102

Favorites

2

Direct Messages

12

Updates

262

Done

I/O



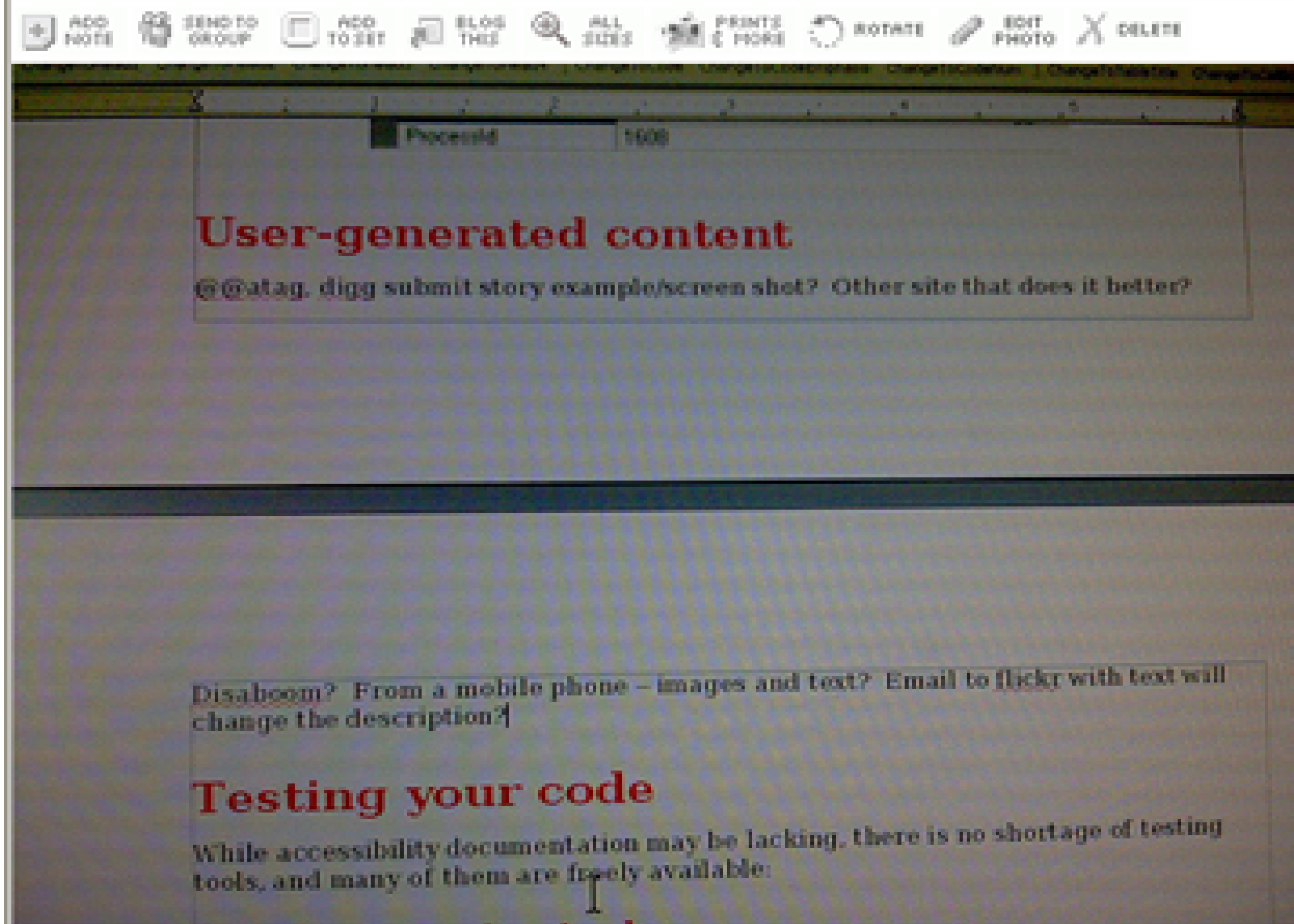
Content generators please:

- Prompt for accessibility information.
- Generate accessible code.
- Provide accessible interfaces.

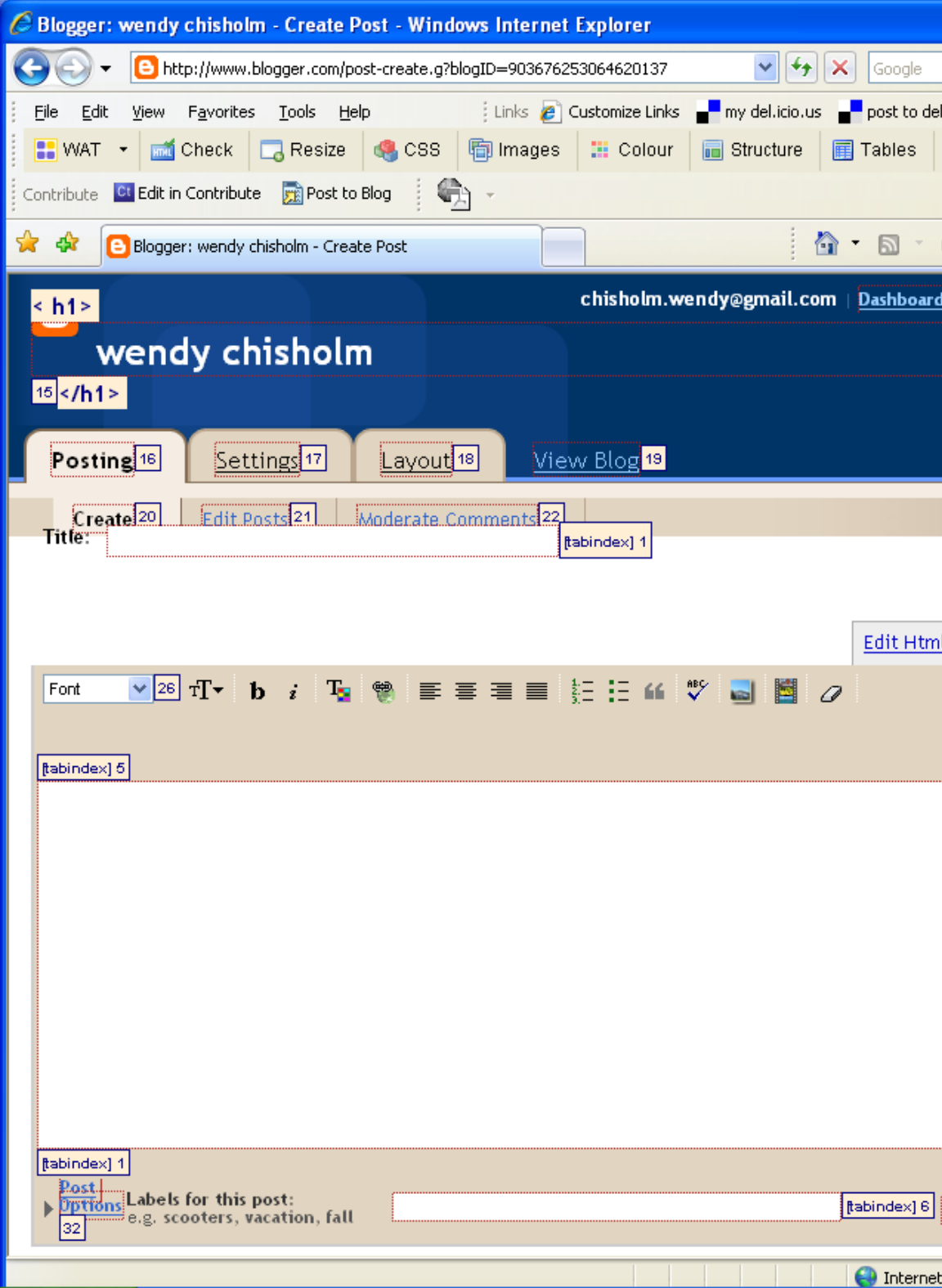
- Examples

- Flickr
- Blogger
- Plurk

Testing for text



Will this text show as description?



[Google Help](#) > [Blogger Help](#) > [Publish and Archive](#) > [Posting & Editing](#) > [Advanced Use](#)

Can I use keyboard shortcuts while posting?

Blogger has several keyboard shortcuts you can use while editing posts. They definitely work in Internet Explorer 5.5+/Windows and the Mozilla family (1.6+ and Firefox 0.9+), and might work in other browsers. Here they are:

- control + b = Bold
- control + i = Italic
- control + l = Blockquote (when in HTML-mode only)
- control + z = Undo
- control + y = Redo
- control + shift + a = Link
- control + shift + p = Preview
- control + d = Save as Draft
- control + p = Publish Post
- control + s = [Autosave](#) and keep editing
- control + g = [Indic transliteration](#)

Was this article helpful?

☐ Yes ☐ No

86 unread - wendyc - Plurk.com - Mozilla Firefox

File Edit View History Bookmarks Tools Help del.icio.us

http://www.plurk.com/user/wendyc

Getting Started Latest Headlines Subscribe... TinyURL! WAVE 3.0 WAVE this page!

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Google Calendar Gmail - Inbox (767) - chisholm.wendy... 86 unread - wendyc - Plurk.com

[My Profile](#) [edit](#) [My Friends](#) [Alerts \(1\)](#) [Interesting plurkers](#) [My Account](#) [Sign out \[wendyc\]](#)

[plurkbuddy](#) **says** '...' ... [artifishall](#) **shares** [watching](#) [scobleizer](#) **asks** 'scol

[plurkbuddy](#) **says** wannartifishall **has** been MIA [scobleizer](#) **says** 'work for Plurk? It's really more

[artifishall](#) **is** ... [scobleizer](#) **says** 'friends and my plurks

86 new responses [View](#)

it's 1:32pm and wendyc **asks** [Plurk](#)

140 characters

http://www.plurk.com/user/artifishall

Mobile: Sharing the Love

- 40px finger == larger targets, scanning
- Small screen == magnification, structure
- Low contrast == usable w/out color
- Mouseless == s/onhover/onclick

Conclusions

- Question your assumptions.
- APIs - express semantics & structure.
- UIs - I/O semantics & structure.
- W3C. ATAG. WCAG. MWBP.
- Innovate. Change the world.



Thank you!

Questions?