

Podcast Accessibility



What if I told you...

... these stairs are accessible?

Nicolas Steenhout

@vavroom



Personal site - <https://incl.ca>

A11y Rules Podcast - <https://a11yrules.com>

Blind *and* in a wheelchair...



You don't know that you don't know

Overview



- Intro
- Transcripts
- Website
- Player

// Not an in-depth code review

A11y

a11y = accessibility

Numeronym

a+ccessibilit+y

a+11+y

A large, diverse crowd of people at an outdoor event, possibly a festival or concert. The crowd is dense, with people of various ages and ethnicities. Some individuals are wearing costumes or hats, such as a woman with a bright orange cowboy hat and a man with a black top hat. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "Who has a podcast?".

Who has a podcast?

A close-up view of a crowd of people, showing more detail of their faces and clothing. The crowd is diverse, with people of various ages and ethnicities. Some individuals are wearing costumes or hats, such as a woman with a bright orange cowboy hat and a man with a black top hat. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "Who listens to podcasts?".

Who listens to podcasts?



A11y Rules
@A11yRules



I'm curious to know, informal poll, who of my listeners prefers the audio version of the show, or the transcript? Of course, you might rely on both! If something else, please specify in a reply. [#a11y](#) [#podcast](#) [#accessibility](#)

I prefer audio version

34%

I prefer transcript

37%

I rely on both

26%

Other (Please comment)

3%

35 votes · Final results



Not just for D/deaf and H-o-H

Benefits of transcripts

Foreign Language Speakers





Noisy Environments



Reading is Faster than Listening

Slow Connection



Alimar—Northwest corner 105th St. and West End Ave.....	182	
<i>Apply to Lewis M. Thiery, 2780 Broadway.</i>		
Allendale—808 West End Ave.....	35	E
<i>Apply to A. L. Mordecai & Son, 135 Broadway, or Manager, on premises.</i>		
Alwyn Covrt, The—182 58th St., West.....	58,	59
<i>Apply to C. S. Taylor, Manager, 182 58th St., West.</i>		
Ambassador, The—Madison Ave. and 97th St.....	173	
<i>Apply to C. M. Silverman & Son, 3436 Broadway.</i>		
Amherst and Cortlandt—South side 110th St., east of B'way..	35	C
<i>Apply to Bing & Bing, 505 Fifth Ave., or Resident Manager.</i>		
Ansonia, The—Broadway and 73d St.....		
<i>Apply to Manager, on premises.</i>		
Antlers, The—No. 603 West 111th St.....	14—LII	
<i>Apply to Slawson & Hobbs, 162 West 72d St.</i>		
Apthorp, The—Broadway and 78th St.....	6—9	
<i>Apply to Resident Manager.</i>		
Ardelle Apartments, The—527 Riverside Drive.....	160	
<i>Apply to Gibbs & Kirby, 2705 Broadway.</i>		
Audubon Park—Broadway and 156th St.....	155	B
<i>Apply to Manager, on premises.</i>		

B

Barnard, The—Central Park West and 71st St.....	74,	75
<i>Apply to F. R. Wood, W. H. Dolson Co., Broadway and 80th St.</i>		
Barnard Court—15 Claremont Ave.....	154	E
<i>Apply to Earle & Calhoun, Broadway and 72d St.</i>		
Belnord, The—Broadway and 86th St.....	20—23	
<i>Apply to F. R. Wood, W. H. Dolson Co., Broadway and 80th St.</i>		
Belvedere, The—Edgecombe Ave. and 150th St.....	159	
<i>Apply to H. A. F. Holding Co., 501 Fifth Ave.</i>		
Belvoir, The—Southeast corner West End Ave. and 83d St...	14—IX	
<i>Apply to F. R. Wood, W. H. Dolson Co., Broadway and 80th St.</i>		
Bennington Corners—99th to 100 St., west side West End Ave.	34	A
<i>Apply to Fred'k Zittel & Sons, Broadway and 79th St.</i>		
Biltmore-Blenheim, The—56 West 58th St.....	66,	67
<i>Apply to Snowber & Smith, 2190 Broadway.</i>		
Bonavista, The—362 Riverside Drive.....	134,	135
<i>Apply to C. F. Bedell Co., Broadway and 87th St.</i>		
Bordeaux, The—Southeast cor. 127th St. and Riverside Drive	14—XLVI	
<i>Apply to W. P. Sheridan, Agent, Riverside Drive and 127th St.</i>		
Bownette, The—11 West 81st St.....	169	
<i>Apply to Resident Manager.</i>		
Bradley Court—Southeast corner Broadway and 165th St..	14—XXVIII	
<i>Apply to David L. Corbitt, 2026 Broadway.</i>		

Catherine—1 West 69th St.....	187	
<i>Apply to Slawson & Hobbs, 162 West 72d St.</i>		
Cayuga—296 Central Park West.....	183	
<i>Apply to Slawson & Hobbs, 162 West 72d St.</i>		
Central Park West—Corner 66th St.....	120,	121
<i>Apply to Superintendent, on premises.</i>		
Chateau—314 West 100th St.....	108	D
<i>Apply to Slawson & Hobbs, 162 West 72d St.</i>		
Chatham Court—Central Park West and 67th St.....	136,	137
<i>Apply to Superintendent, on premises.</i>		
Cherry Hill—Broadway and 72d St.....	12—14	
<i>Apply to Resident Manager.</i>		
Cherbourg, The—Central Park West and 92d St.....	142,	143
<i>Apply to McVicker, Gaillard Realty Co., 444 Columbus Ave.</i>		
Chesterfield, The—North corner Riverside Drive and 98th St.	14—XX	
<i>Apply to Braisted, Goodman & Hershfield, Broadway and 113th St.</i>		
Clarendon, The—Riverside Drive and 86th St.....	128,	129
<i>Apply to Superintendent, on premises.</i>		
Clearfield—Riverside Drive and 103d St.....	34	C
<i>Apply to Gibbs & Kirby, 2705 Broadway.</i>		
Cliff Haven—Corner Riverside Drive and 114th St.....	35	A
<i>Apply to Lewis M. Thiery, 2730 Broadway.</i>		
Colosseum—Riverside Drive, south corner 116th St.....	16—16A	
<i>Apply to Fred'k Zittel & Sons, Broadway and 79th St.</i>		
Columbia Court—431 Riverside Drive.....	109	E
<i>Apply to Earle & Calhoun, Broadway and 72d St.</i>		
Concord Hall—Riverside Drive and 119th St.....	168	
<i>Apply to McVicker, Gaillard Realty Co., 444 Columbus Ave.</i>		
Cornwall, The—Broadway, northwest corner 90th St.....	36	D
<i>Apply to Slawson & Hobbs, 162 West 72d St.</i>		
Courtenay, The—55 Central Park West.....	171	
<i>Apply to Superintendent, on premises.</i>		

D

Devonshire, The—Broadway and 112th St.....	157	
<i>Apply to Gibbs & Kirby, 2705 Broadway.</i>		
De Witt Court—254 West 82d St.....	14—LVIII	
<i>Apply to Douglas Robinson, Chas. S. Brown Co., 2277 Broadway, at 82d St.; 128 Broadway and 10 East 45th St.</i>		
Dorchester, The—Riverside Drive and 85th St.....	56,	57
<i>F. R. Wood, W. H. Dolson Co., Broadway and 80th St.</i>		
Dorilton, The—Broadway and 71st St.....	48,	49
<i>F. R. Wood, W. H. Dolson Co., Broadway and 80th St.</i>		

E

Improve SEO and Traffic

7.23% of visitors viewed at least one transcript

4.36% of new inbound traffic

6.68% increased search traffic

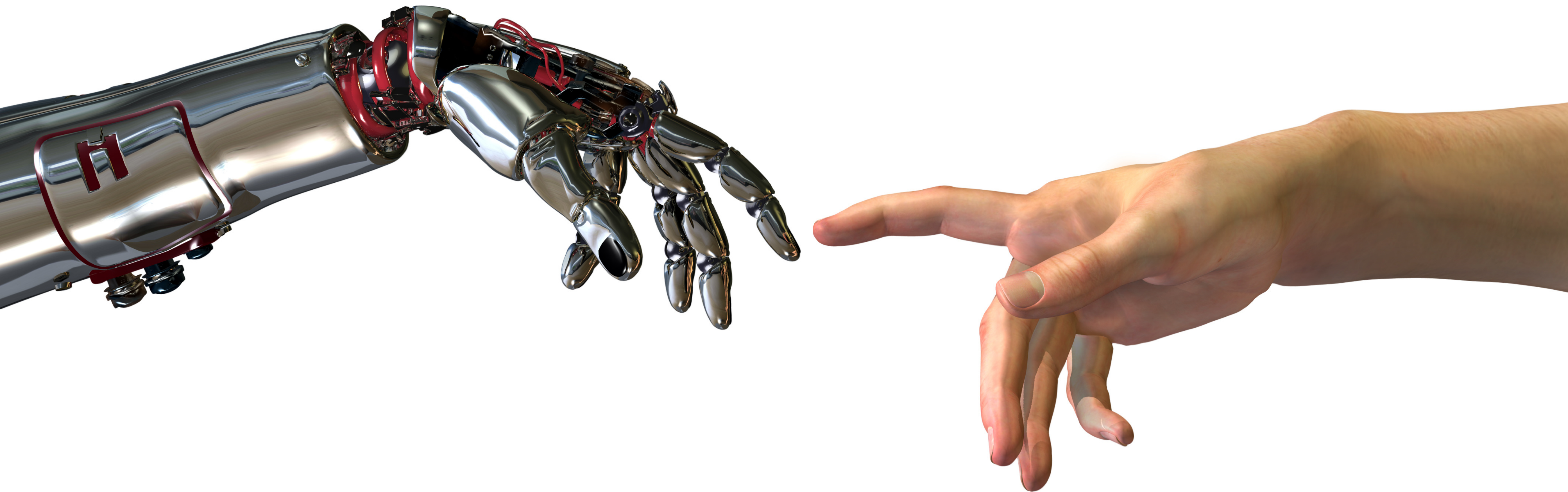
3.89% increase of inbound links

NPR "This American Life"

Transcripts

- Timed - Has timestamps
(useful for synchronized transcripts)
- Named - Has speakers name
(crucial if more than 1 speaker)
- Verbatim - Includes everything, including uhms, etc
(Harder to read)
- Clean - Only includes the words
(Easier to read)

Machine vs Human Transcription





Machine Transcription

Low accuracy (~80%)

**Inexpensive (~US\$0.10/
minute audio)**

Human Transcription

High accuracy (~98%)

**Expensive (US\$1+/
minute audio)**



R

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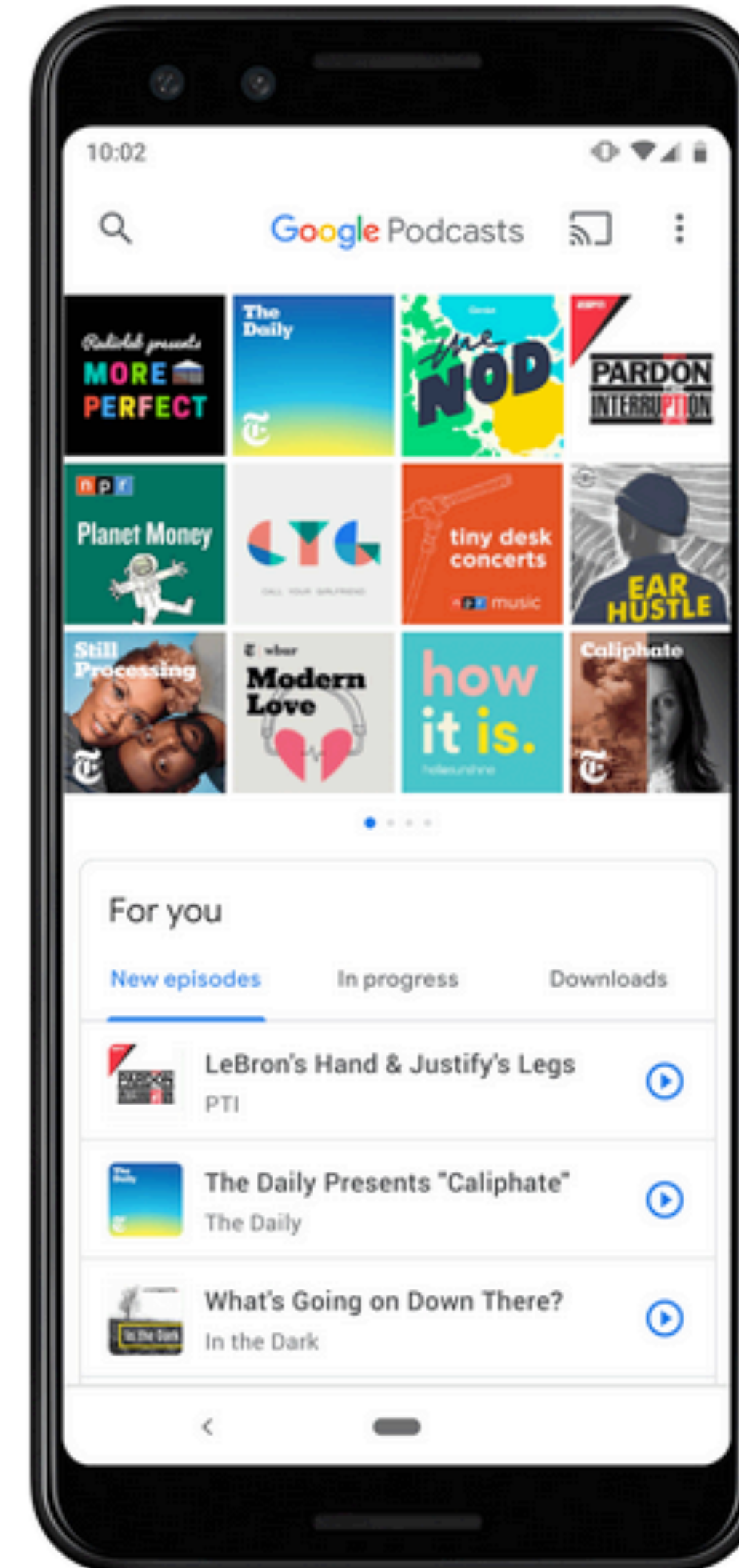
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Machine transcription

"Better a poor transcript than no transcript for your podcast?"

Machine transcription

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Machine transcription

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Frustrating experiences



Transcript

Nic: You're listening to the Accessibility Rules podcast. I'm Nic

Steenhout and I talk with people involved in one way or another with web accessibility. This is a special episode. Today is the 8th

Global Awareness Accessibility day. The transcript for the show is available on the podcast website at <https://a11yrules.com> to Twilio for sponsoring the transcript for this episode. Connect the world with the leading platform for voice and video. Twilio.com.

Last year GAAD's special episode was very well received using the same format. I have 4 guests with me and we'll have a panel discussion about ... well, accessibility of course. So they'll briefly introduce themselves before we dive into the discussion.

Hi everyone.

Dennis: Hi

Dan: Hello

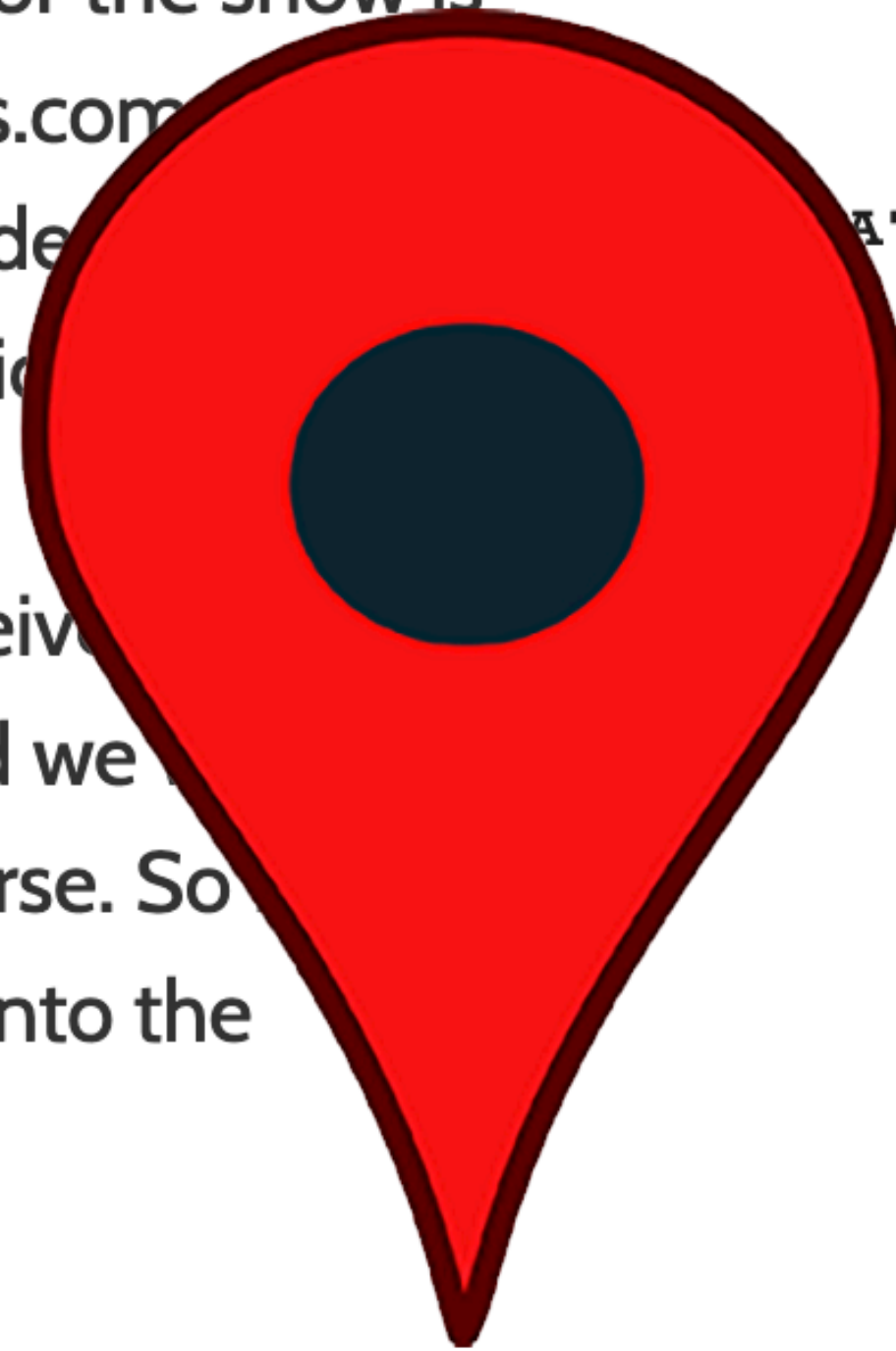
Shannon: Hi

Nic is a speaker, trainer and consultant on the topic of accessibility. You can visit his site at

incl.ca. You can follow him on Twitter

[@nicsteehout](https://twitter.com/nicsteehout)

Transcript Location



FEATURED



Jeffrey Zeldman



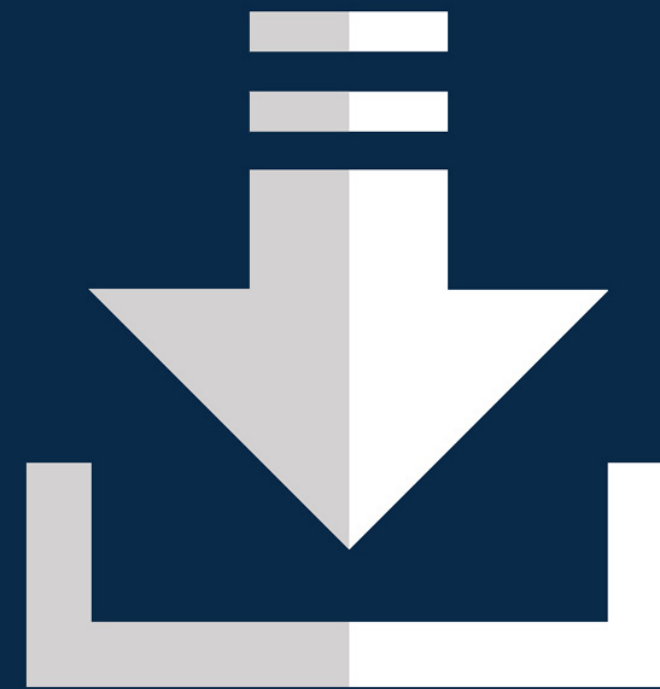
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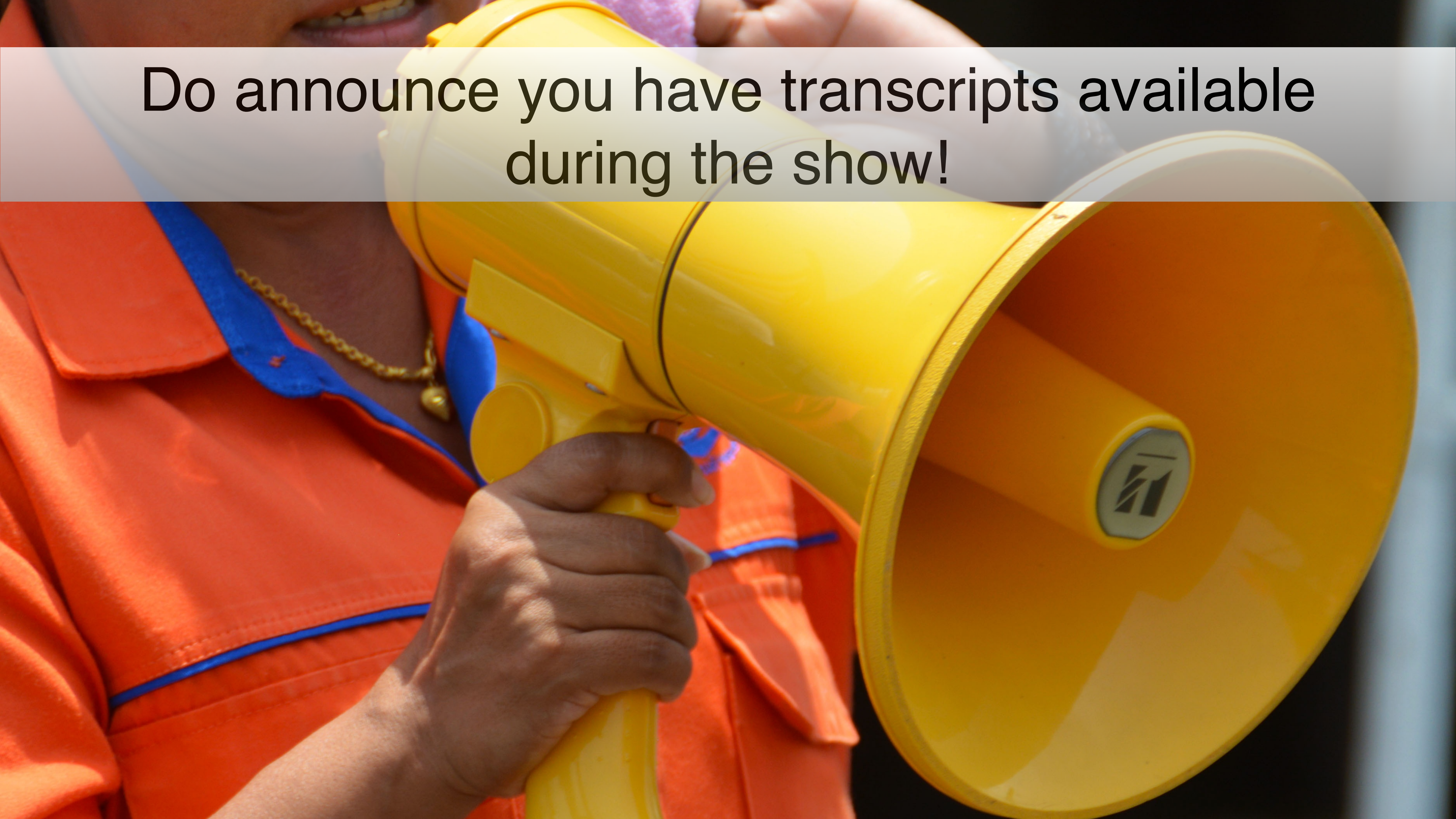
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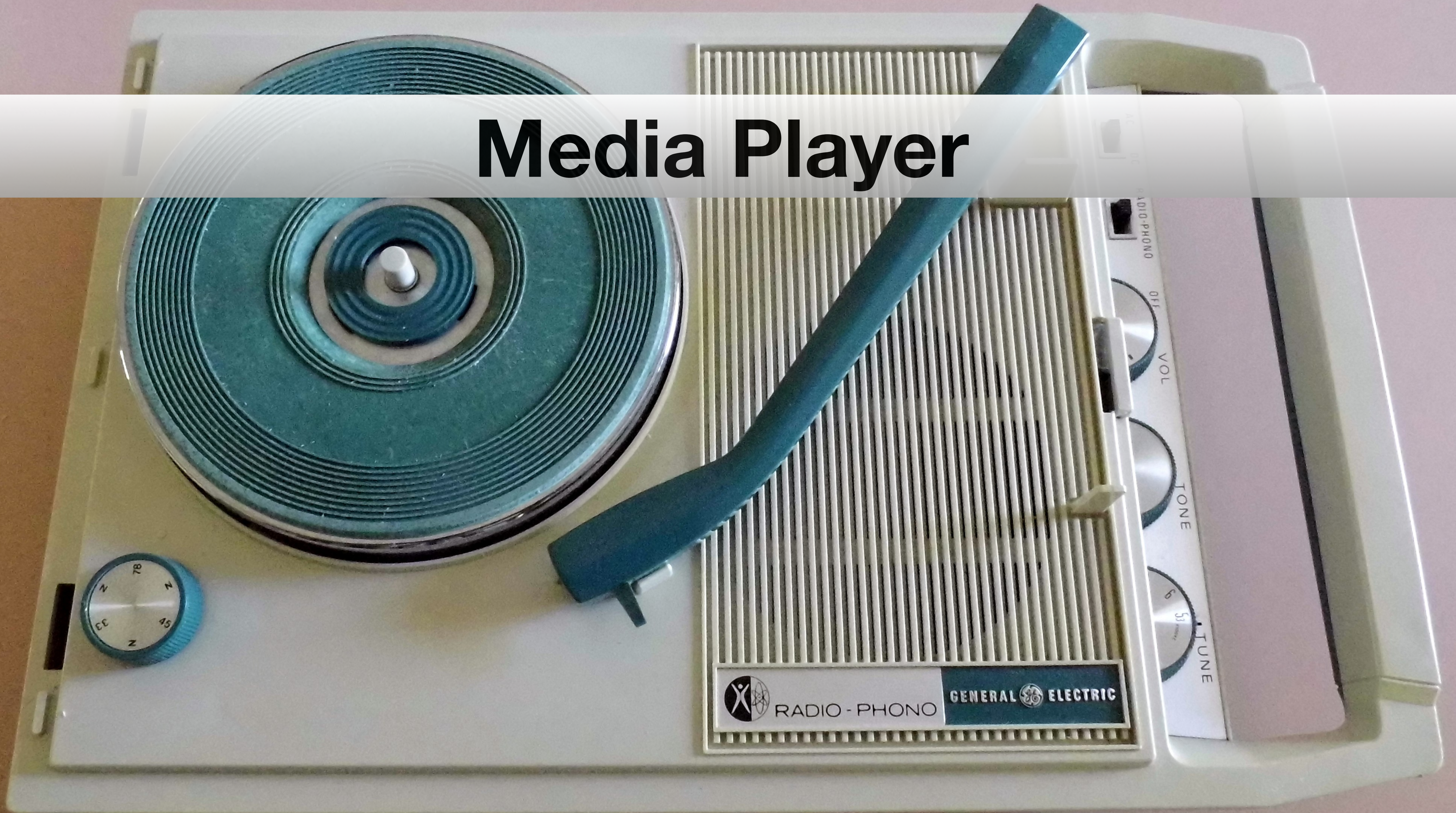


CLICK HERE

Do announce you have transcripts available
during the show!



Media Player



Elements of player accessibility

- Keyboard accessible controls
- Screen reader friendly controls
- Visible focus



Able Player

Fully accessible cross-browser HTML5 media player.



tar.gz

.zip

Able Player

Able Player is a fully accessible cross-browser HTML5 media player.

To see the player in action check out the [Able Player Examples](#) page.

Able Player Features

- Audio and Video
- Multiple Languages
- Captions and Audio Description files
- Automatic highlighted word transcripts
- And MOAWR!!!

Podcast hosting platforms

- Podbean
- Soundcloud
- Podomatic
- Libsyn
- Blast Pod



<https://www.>

A close-up photograph of a dartboard. The board features concentric rings of yellow, red, and blue. The center is a small yellow circle with a black 'X' in the middle, representing the bullseye. A single dart with a brown shaft and a green and black band is embedded in the bullseye. Several other darts are visible in the background, some in the blue ring and others in the red ring. The image is slightly out of focus, emphasizing the dart in the bullseye.

Target WCAG 2.1 AA



Building Blocs of website a11y



Challenge