

Accessible Widgets

Part IV

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2013–2016: W3C/WAI

2016–today: Knowbility & W3C/WAI Fellowship

Translating WCAG to Human.

Times

Day & Time	Room	Presenter	Topics
May 9th, 10:15-11:45	JBWS 165	Patrick Fox	Focus management, Announcing dynamic content, Tool tips, Modal dialogs, Dynamic table filtering and sorting
May 9th, 4:00-5:30	JBWS 163	Eric Eggert	Date picker, Time field, Combo box, Progress bar
May 10th, 10:15-11:45	JBWS 163	Eric Eggert	Slider, Accordion, Tabs, Alerts
May 10th, 2:15-3:45	JBWS 163	Patrick Fox Eric Eggert	Wizard progress indicator, File selector and upload, Form validation, Search by location, Dynamic application page elements and flow

Wizard progress indicator, File selector and upload, Form validation, Search by location, Dynamic application page elements and flow

Context

User Experience

Usability

**To ARIA
or not to
ARIA?**



1. If you *can* use a native HTML5 element or attribute with the semantics and behaviour you require already built in, instead of re-purposing an element and adding an ARIA role, state or property to make it accessible, then do so.

**2. Do not change
native semantics,
unless you really
have to.**

Example:

```
<h1 role="button">  
heading button</h1>
```

Example:

Example:

```
<h1><button>heading  
button</button></h1>
```

**3. All interactive
ARIA controls
must be usable
with the keyboard.**

Example:

If using `role=button` the element must be able to receive focus and a user must be able to activate the action associated with the element using both the enter (on WIN OS) or return (MAC OS) and the space key.

**4. Do not use
role="presentation"
or aria-hidden="true"
on a visible focusable
element .**

5. All interactive elements must have an accessible name.

Wizard progress indicator

Example: <https://github.com/w3c/wcag-em-report-tool/>

File selector and upload

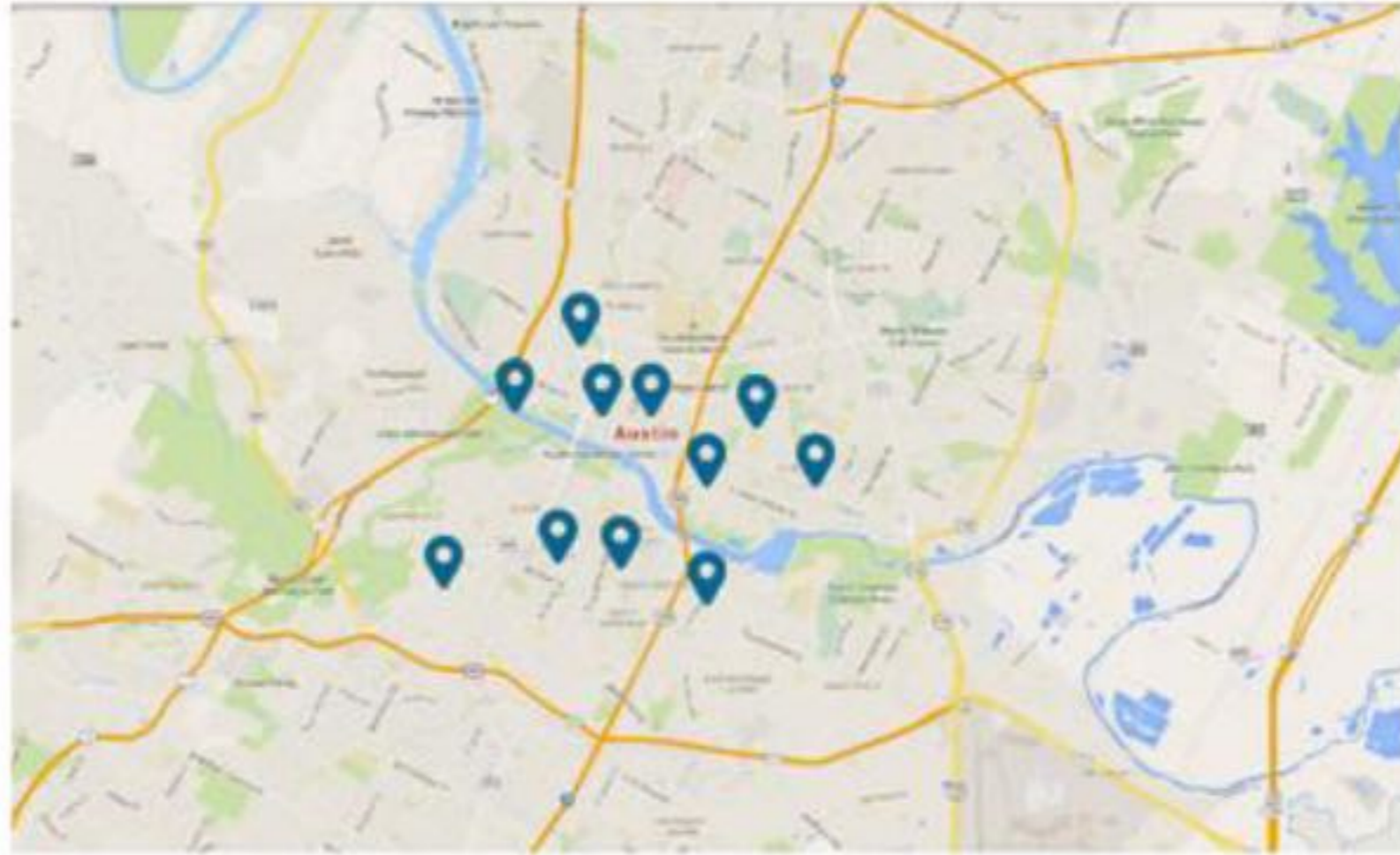
Example: <http://codepen.io/yatil/pen/xVBOdM>

Form validation

<http://www.w3.org/WAI/tutorials/forms/validation/>



Search by location

Search Results



Showing 1-10 of 633 Results*

Sort: **Name** ▾

Distance	Name	Specialty	Plan Information
 5.9 miles	Shuba Adeni 900 RR 620 #C201 Lakeway, TX 78734 555-555-5555	Pediatrics	Seton Health Plan
 5.9 miles	Shuba Adeni 900 RR 620 #C201	Pediatrics	Seton Health Plan

***Dynamic application
page elements and flow***

***Do you know the person's birthdate?** Yes No

***Do you know the person's Social Security Number?** Yes No

If response is "Yes"

***Do you know the person's birthdate?** Yes No

***Birth Date:** 

***Do you know the person's Social Security Number?** Yes No

If response is "No"

***Do you know the person's birthdate?** Yes No

***Approximate Age:** 

***Do you know the person's Social Security Number?** Yes No

Sources:

- Font: Lato
- Skull: Created by Andrew Cameron, from the Noun Project