

GREAT
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The Most Important Sources of Accessible User Interfaces

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What is accessibility?

It is access to information and services for everyone, regardless of their disabilities or functional limitations.

How?

Following and implementing Universal design principals, that will give users with disabilities alternative way to access the content

Sectors

Educations, Culture, Governments and other business



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In some countries is
mandated **by law**



American with Disabilities Act (ADA), section 508



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Why accessibility?

People with disabilities are using assistive technologies to access information and services online through websites, mobile technologies and other digital platforms

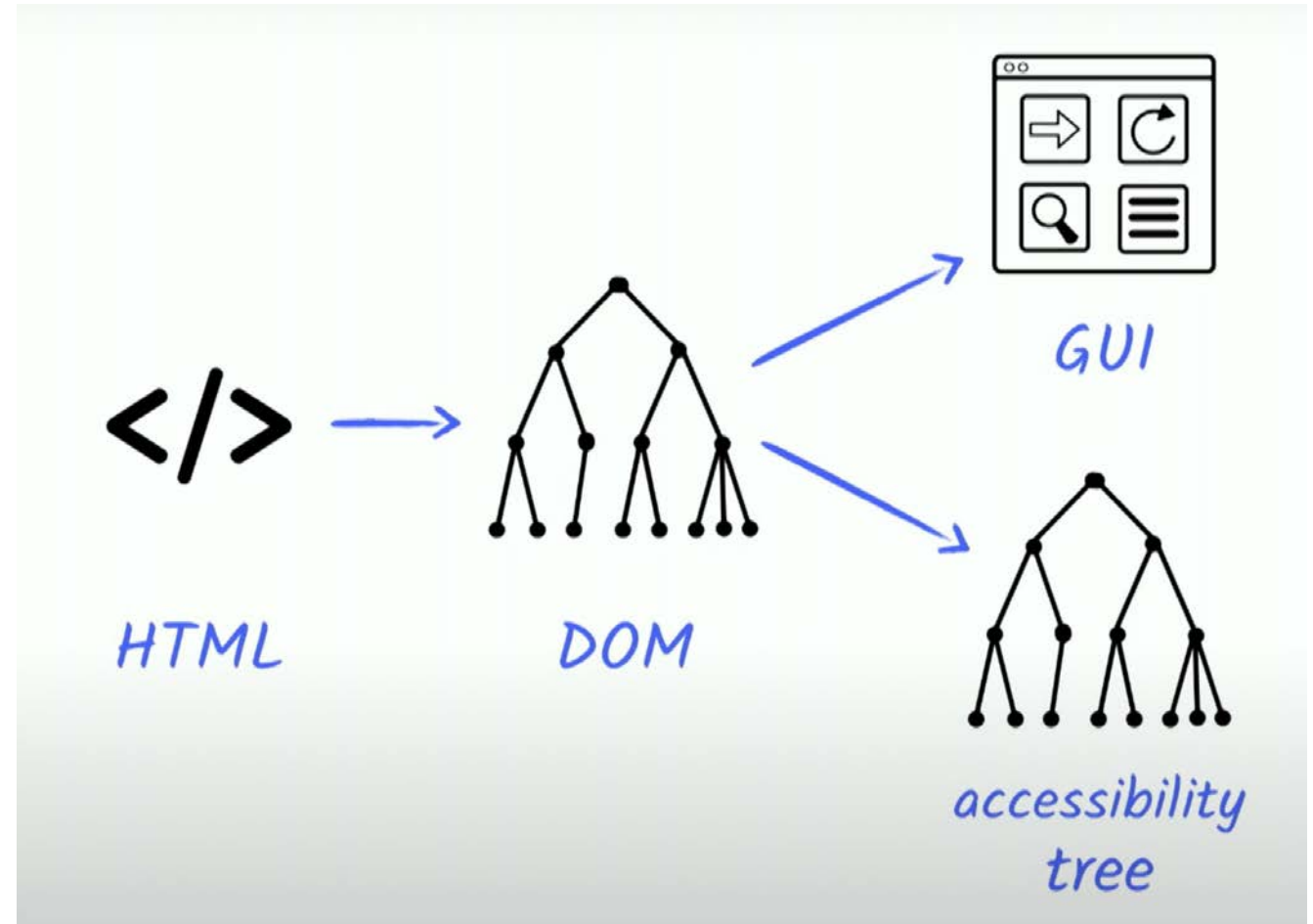


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Screen reader access

Accessibility tree is giving the screen reader the information to be read



```

<main>
  <div class="card">
    <form>
      <div class="trip-selector">
        <div class="row">
          <div class="inline-control col-2">
            <label for="seatType">Preferred seat type</label>
            <select name="seatType" id="seatType">
              <option value="0">No preference</option>
              <option value="1">Aisle seat</option>
              <option value="2">Window seat</option>
            </select>
          </div>

          <div class="inline-control submit-form col-1">
            <button type="submit" id="submitBtn">Search</button>
          </div>
        </div>
      </div>
    </div>
  </div>

```

Role: *“combobox”*

Name: *“Preferred seat type”*

State: *collapsed*

Value: *“Aisle seat”*



ARIA

<https://www.w3.org/TR/wai-aria-practices-1.1>

← → ↻ w3.org/TR/wai-aria-practices-1.1/ ☆

WAI-ARIA Authoring Practices 1.1

W3C Working Group Note 14 August 2019

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<https://www.w3.org/TR/2019/NOTE-wai-aria-practices-1.1-20190814/>

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Abstract

This document provides readers with an understanding of how to use [WAI-ARIA 1.1 \[WAI-ARIA\]](#) to create accessible rich internet applications. It describes considerations that might not be evident to most authors from the [WAI-ARIA](#) specification alone and recommends approaches to make widgets, navigation, and behaviors

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Accessible web component

Forms with error validation

Accordions

Modal dialog

Image slider

Navigation

Success stories

1. The Shura Council
2. Innovation Lab – MOTC
3. State Audit Bureau
4. Civil Aviation Authority



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Thank You



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