



# ARIA

**aria-label, aria-labelledby, aria-describedby**



# ARIA

**ACCESSIBLE RICH INTERNET APPLICATIONS**



# ARIA FIGHT CLUB



# **DON'T USE ARIA**

**\* UNLESS YOU REALLY, REALLY, REALLY, REALLY, REALLY, REALLY NEED TO.**



# ARIA

**NO ARIA > GOOD ARIA > BAD ARIA**

The background features a detailed illustration of a lobster, rendered in a light, sketch-like style. The lobster is positioned centrally, facing right. Overlaid on this illustration are faint, light-colored contour lines and numerical values, such as 310, 320, 330, 340, 350, 360, 370, 380, 390, and 400, which resemble a topographic map or a technical drawing. The overall color palette is a monochromatic, muted red or terracotta hue.

# **WHAT ARE THEY?**

**A WAY TO MAKE WEB CONTENT AND WEB APPLICATIONS  
MORE ACCESSIBLE TO PEOPLE WITH DISABILITIES**

**IT HELPS WITH DYNAMIC CONTENT AND ADVANCED USER INTERFACE  
CONTROLS DEVELOPED WITH HTML, JAVASCRIPT, AND RELATED  
TECHNOLOGIES**

The background features a detailed illustration of a lobster, oriented vertically with its head at the top. The lobster is rendered in a fine-lined, engraved style. This illustration is superimposed on a topographic map background, which consists of numerous contour lines and numerical values such as 310, 320, 330, 340, 350, 360, 370, 380, 390, and 400, all in a light, muted color.

# **ARIA-LABEL**

**OVERRIDES AN ELEMENT'S NAME,  
REPLACING IT WITH TEXT YOU SPECIFY**



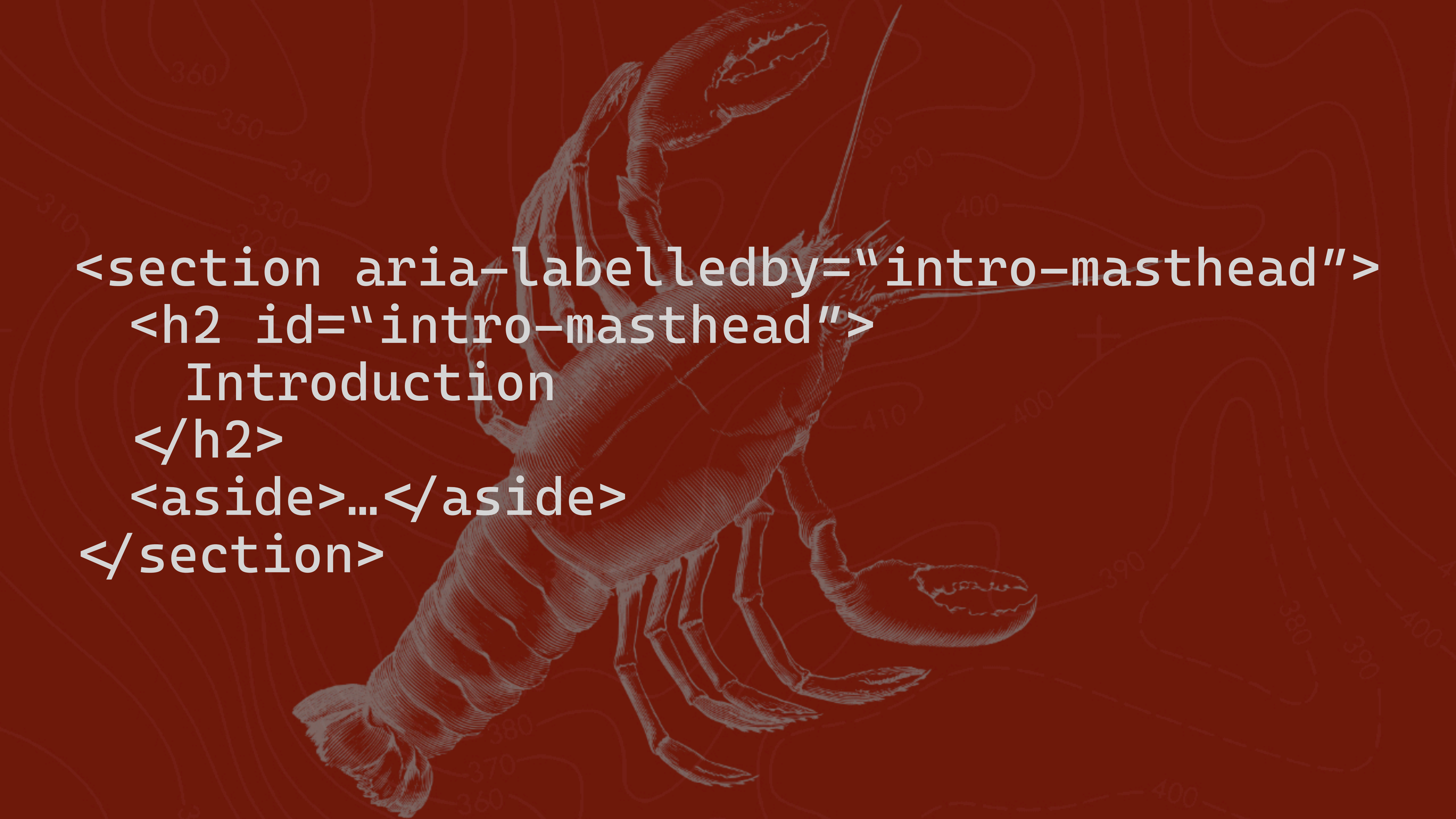
```
<Button aria-label="Close">  
*  
</button>
```





# **ARIA-LABELLED BY**

**OVERRIDES AN ELEMENT'S NAME,  
REPLACING IT WITH ANOTHER ELEMENT**

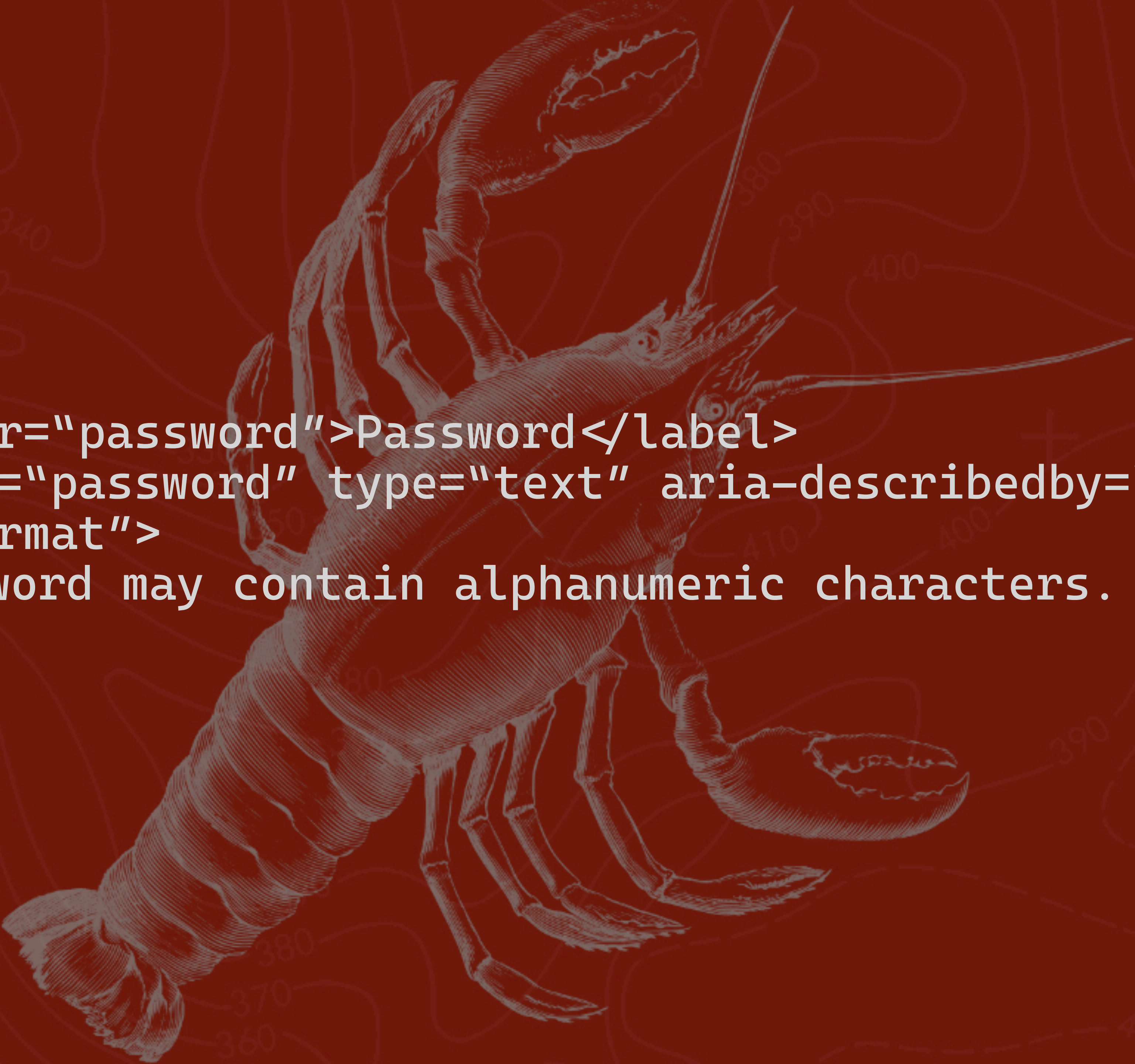


```
<section aria-labelledby="intro-masthead">  
  <h2 id="intro-masthead">  
    Introduction  
  </h2>  
  <aside>...</aside>  
</section>
```



# **ARIA-DESCRIBEDBY**

**SETS AN ELEMENT'S DESCRIPTION TO THE  
CONTENT OF ANOTHER ELEMENT**



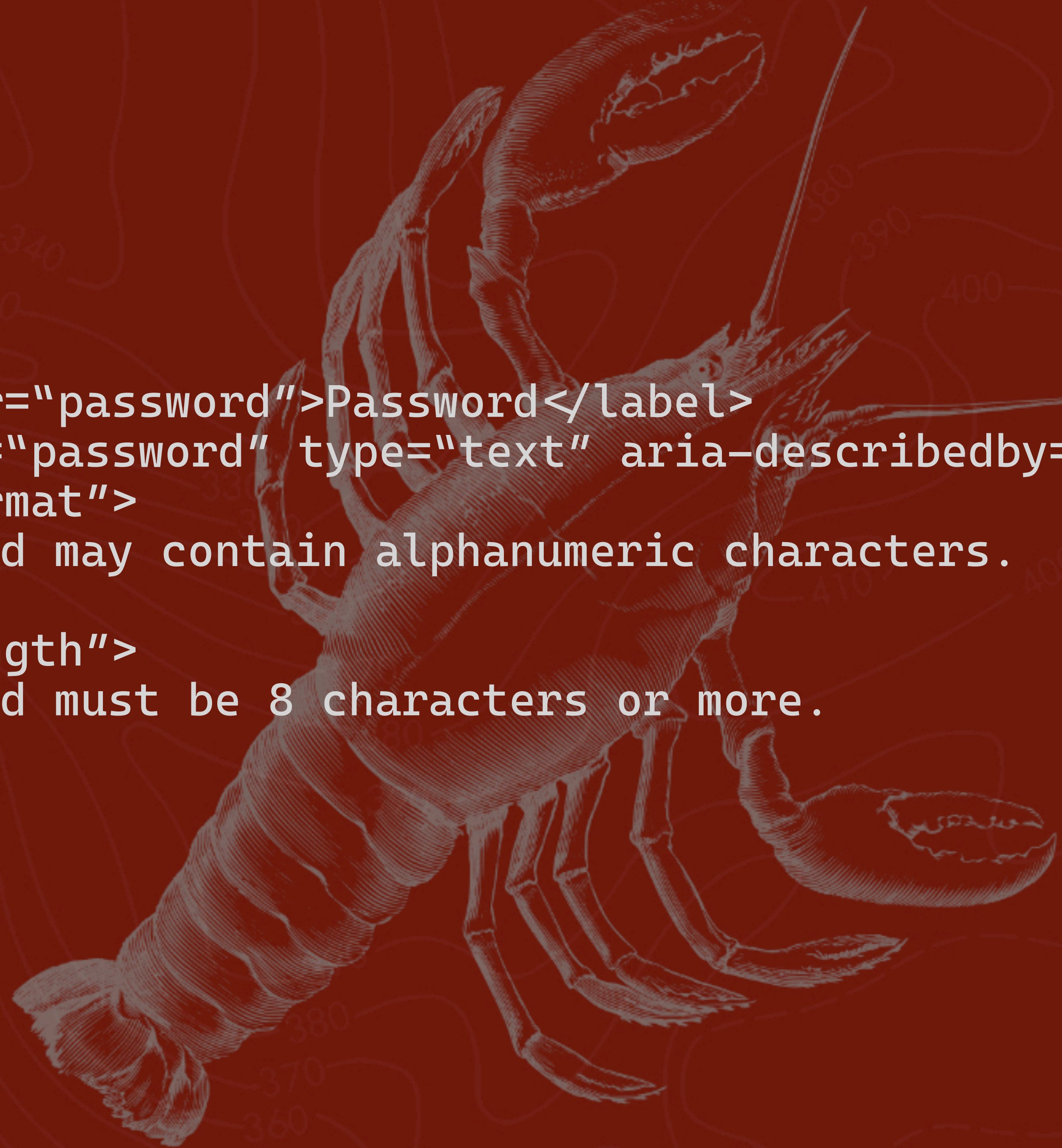
```
<form>
  <label for="password">Password</label>
  <input id="password" type="text" aria-describedby="format" />
  <p id="format">
    * Password may contain alphanumeric characters.
  </p>
</form>
```



# **MULTIPLE IDs**

**YES YOU CAN!**

```
<form>
  <label for="password">Password</label>
  <input id="password" type="text" aria-describedby="format length" />
  <p id="format">
    Password may contain alphanumeric characters.
  </p>
  <p id="length">
    Password must be 8 characters or more.
  </p>
</form>
```





# **HIDDEN LABELS & DESCRIPTIONS**

**WHAT ARE YOU TRYING TO HIDE?**

```
<table>
  <thead>
    <tr>
      <th role="column-head" scope="col" aria-sort="none">
        <button aria-describedby="sort-description">
          <svg>...</svg>
          Name
        </button>
      </th>
      <th>...</th>
    </tr>
  </thead>
  <tbody>...</tbody>
</table>

<p id="sort-description" hidden>Sort this table alphabetically by name.</p>
```







**THANKS!**

**@TODDLIBBY - TODD LIBBY**