

A-Frame Code Syntax and Format

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A-Frame Base Code

```
<html>
  <head>
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>
  </head>
  <body>
    <a-scene>
    </a-scene>
  </body>
</html>
```

HTML Elements and Attributes

HTML Elements without Attribute(s)

<a-box> </a-box>

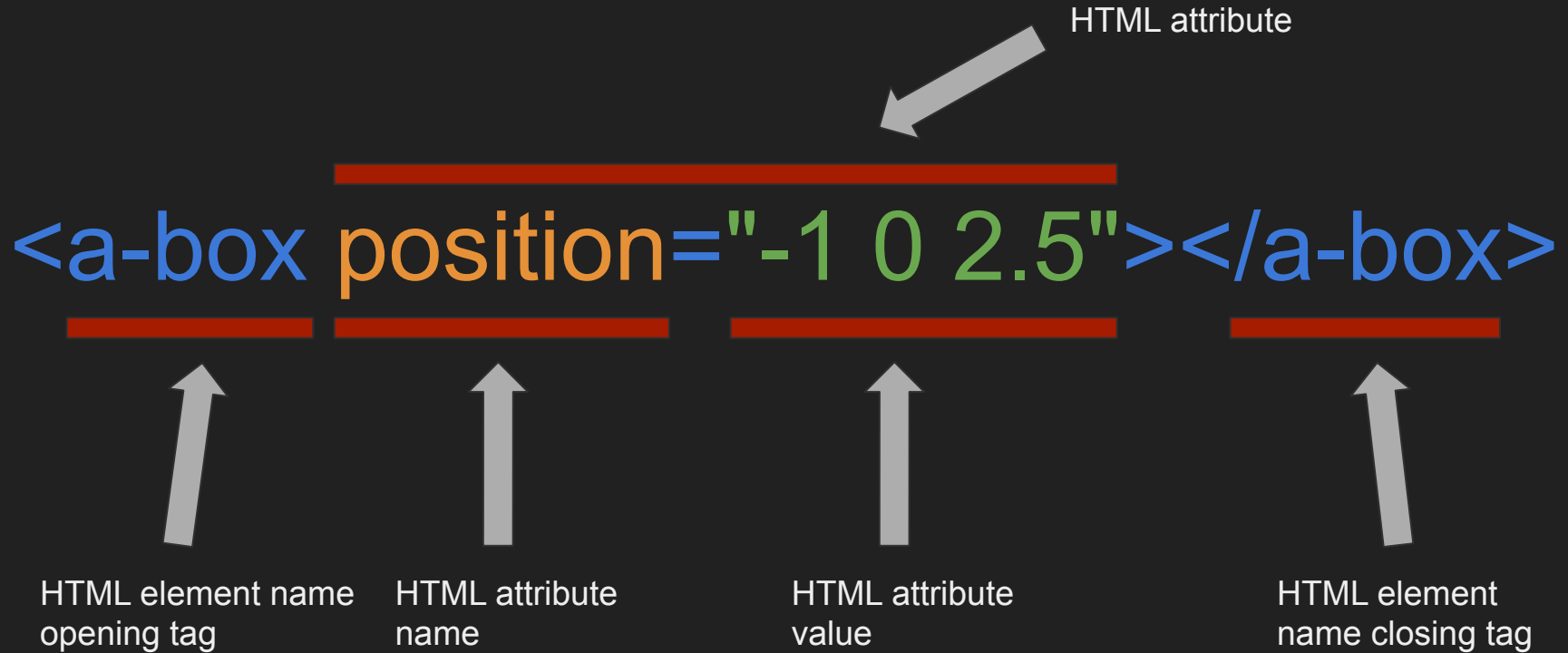


HTML element name
opening tag



HTML element
name closing tag

HTML Elements with Attribute



HTML Elements with Attributes

`<a-box position="-1 0 2.5" color="#F1AC26" scale="2 2 2"></a-box>`



HTML element name
opening tag



1st HTML
attribute



2nd HTML
attribute



3rd HTML
attribute



HTML element
name closing tag

HTML Elements with Child Elements

HTML parent
element name
opening tag



| <a-box>

HTML parent
element name
closing tag



| </a-box>

<a-sphere> </a-sphere>



HTML child
element name
opening tag



HTML child
element name
closing tag

Important HTML Elements for A-Frame

html element

```
<html>  
  <head>  
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>  
  </head>  
  <body>  
    <a-scene>  
    </a-scene>  
  </body>  
</html>
```

- The html element is the main parent to all other elements used
- Everything goes in here as a child element

head element

```
<html>
  <head>
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>
  </head>
  <body>
    <a-scene>
    </a-scene>
  </body>
</html>
```

- The head element contains meta-data (data that is not displayed on webpage)
- Our A-Frame script code and all other script code goes here

body element

```
<html>
  <head>
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>
  </head>
  <body>
    <a-scene>
    </a-scene>
  </body>
</html>
```

- The body element contains all data that is displayed on webpage
- Our A-Frame elements all go here as child elements of the body element

a-scene element

```
<html>
  <head>
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>
  </head>
  <body>
    <a-scene>
    </a-scene>
  </body>
</html>
```

- The a-scene element is provided by the A-Frame script in the head element
- All of our A-Frame objects go here as child elements of a-scene

a-entity elements

```
<html>
  <head>
    <script src="https://aframe.io/releases/1.2.0/aframe.min.js"></script>
  </head>
  <body>
    <a-scene>
      <a-box position="1 0 -2.5" color="#F1AC26" scale="2 2 2"></a-box>
      <a-sphere radius="2" color="#A1B2C3"></a-sphere>
      <a-cylinder height="2" radius="0.5" position="-3 2.45 -4"></a-cylinder>
    </a-scene>
  </body>
</html>
```

- All primitive object elements provided by A-Frame are simpler versions of the a-entity element
- This A-Frame scene is populated with objects