

Black & White Series

Page Styles

Anatomy of an Element

The diagram illustrates the components of an HTML element using the example `<p id="dino">The dinosaur jumped into the mud.</p>`. The opening tag `<p id="dino">` is bracketed in blue and labeled "opening tag". The closing tag `</p>` is also bracketed in blue and labeled "closing tag". The attribute `id="dino"` is bracketed in purple and labeled "attribute and value". The text `The dinosaur jumped into the mud.` is bracketed in green and labeled "enclosed content".

opening tag

closing tag

```
<p id="dino">The dinosaur jumped into the mud.</p>
```

attribute and value

enclosed content

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Based on [MDN Glossary](#)

Attributes

- Element
 - can have several attributes
 - with no repeated names
- Defined inside the opening tag:

```
<tag attr1="value1" attr2="value2">
```
- Example:

```
<p id="dino" style="color:blue">  
  The <b>dinosaur jumped</b> into the mud.  
</p>
```

style Attribute

- Defines the presentation styles of an element
- Examples of styles:
 - color
 - letter font
 - letter size
 - background color

Example

```
<h1>Dinosaur Story</h1>  
<p>  
  The <b>dinosaur jumped</b> into the mud.  
</p>
```

Dinosaur Story

The **dinosaur jumped** into the mud.

Example

```
<h1 style="font-family:Arial">Dinosaur Story</h1>  
<p style="color:blue">  
  The <b>dinosaur jumped</b> into the mud.  
</p>
```

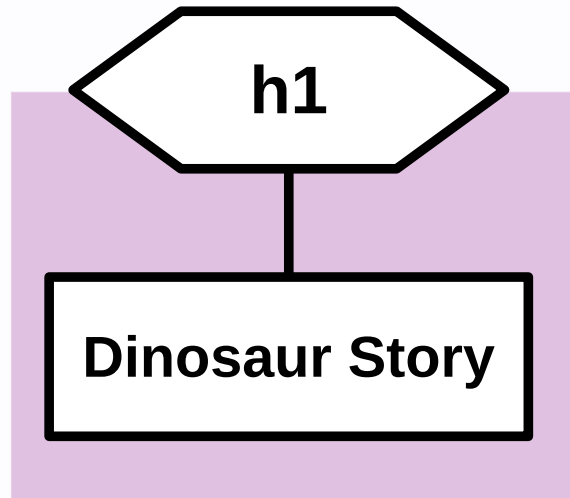
Dinosaur Story

The **dinosaur jumped** into the mud.

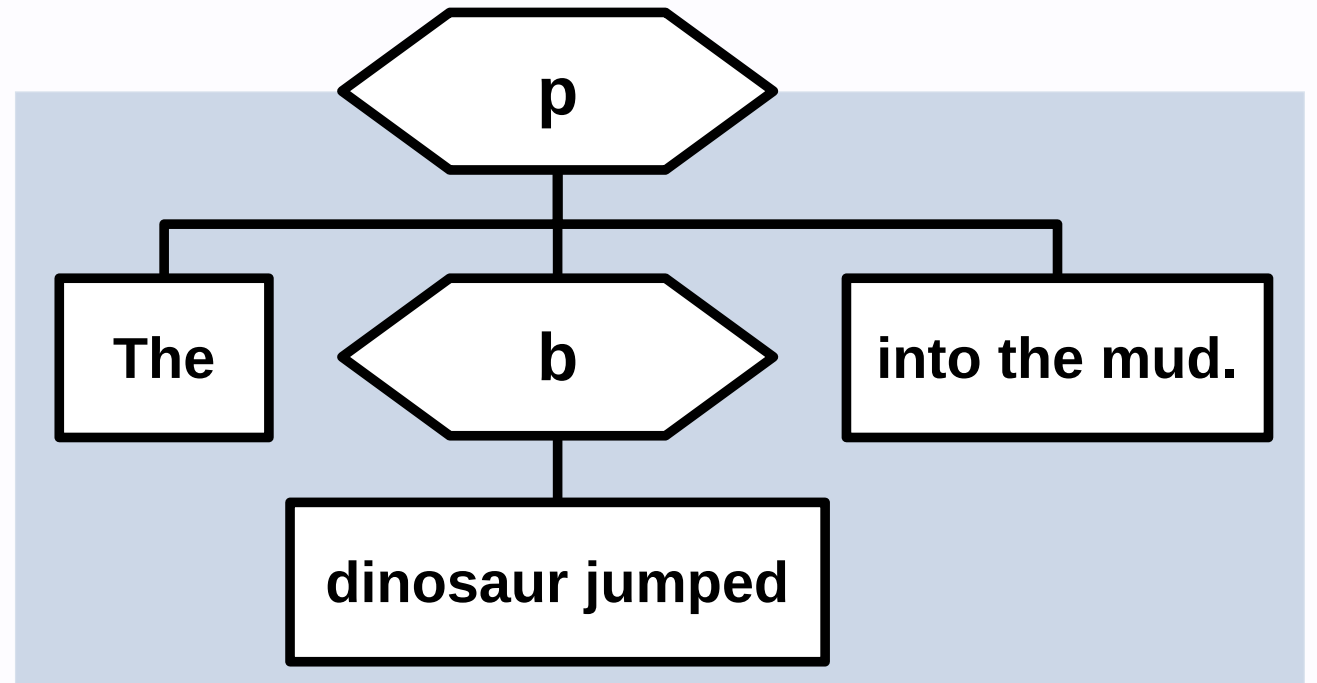
Style Scope

The style reaches the element scope

font-family: Arial



color: blue



Style Scope Hierarchy

Inner scopes replace outer ones

```
<p style="color:blue">  
  The <b style="color:green">dinosaur jumped</b> into the mud.  
</p>
```

The **dinosaur jumped** into the mud.

Videos / Tutorials

W3Schools HTML Tutorial

<https://www.w3schools.com/html/>

Web and Semantic Web 2015 Playlist

[https://youtube.com/playlist?
list=PL3JRjVnXiTBZpnuD7ZtJ3fdNsCcR5Oy7B](https://youtube.com/playlist?list=PL3JRjVnXiTBZpnuD7ZtJ3fdNsCcR5Oy7B)