

Black & White Series

# **HTML Tree**

**Structure and Format**

# Minimal HTML Page

```
<!DOCTYPE html>  
<html>  
  <body>  
    The <b>dinosaur jumped</b> into the mud.  
  </body>  
</html>
```

# HTML Markup and Tree

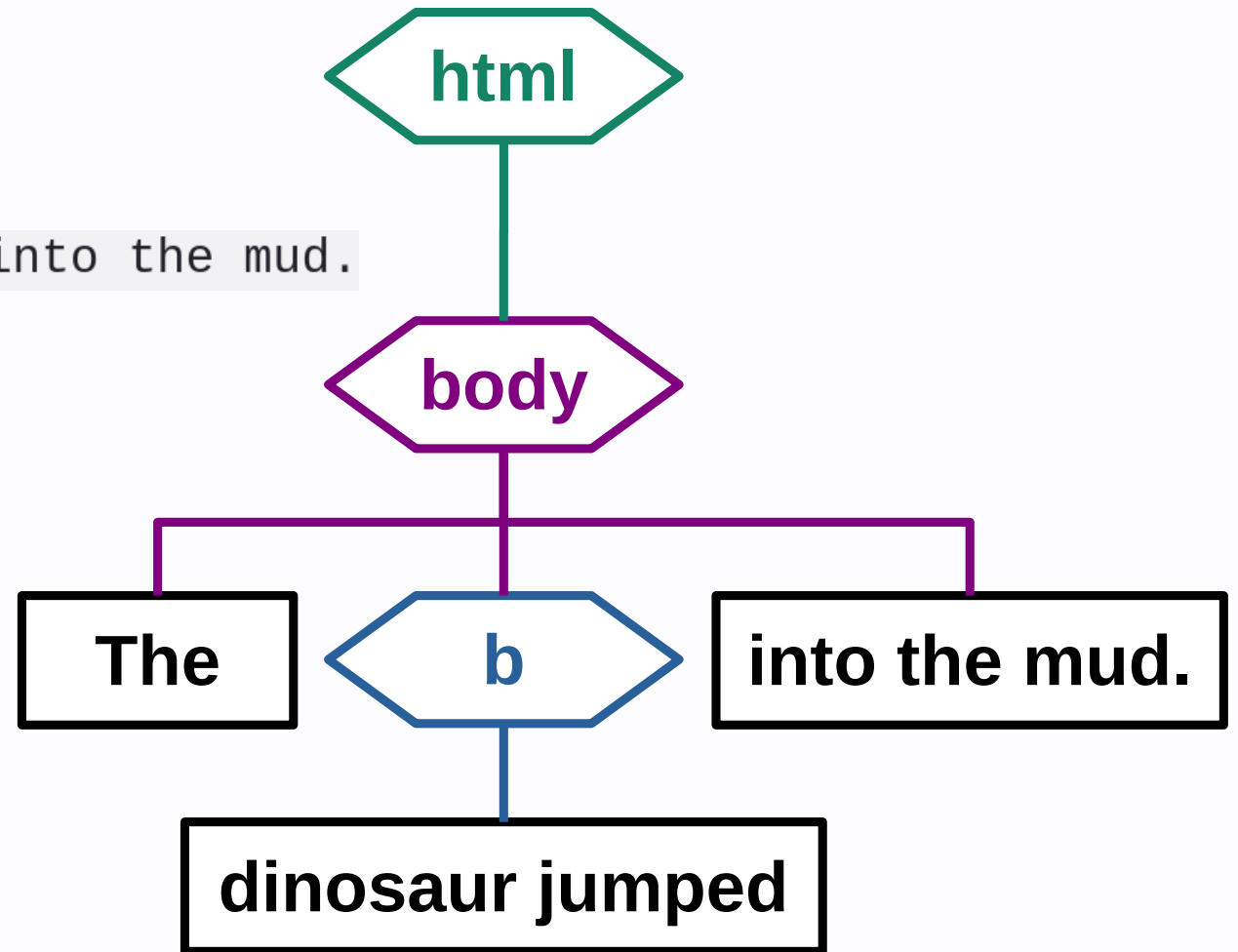
<html>

<body>

The **dinosaur jumped** into the mud.

</body>

</html>

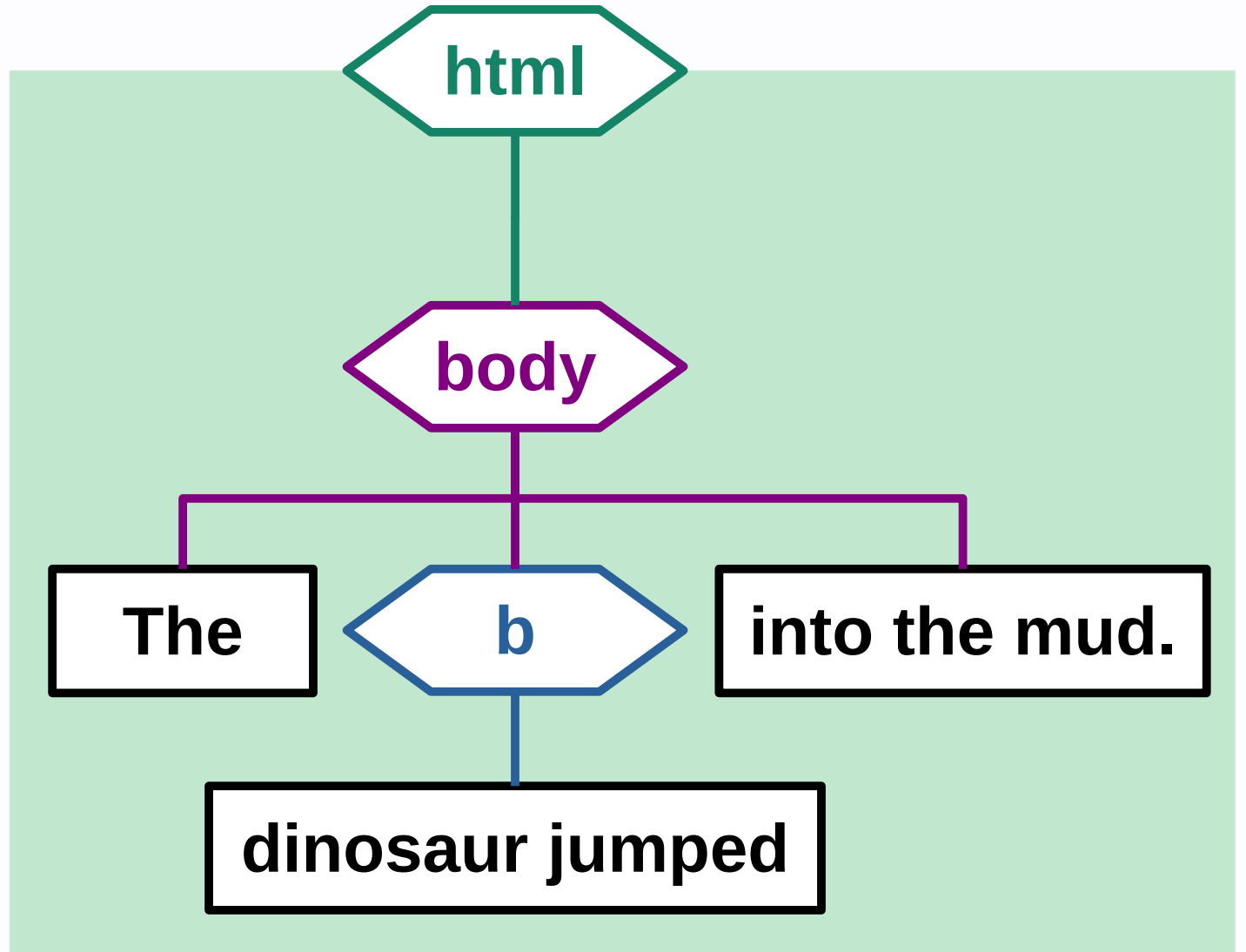


# Element

- Tags delimit Elements:
  - element name = tag;
  - element content = everything delimited by the tag.

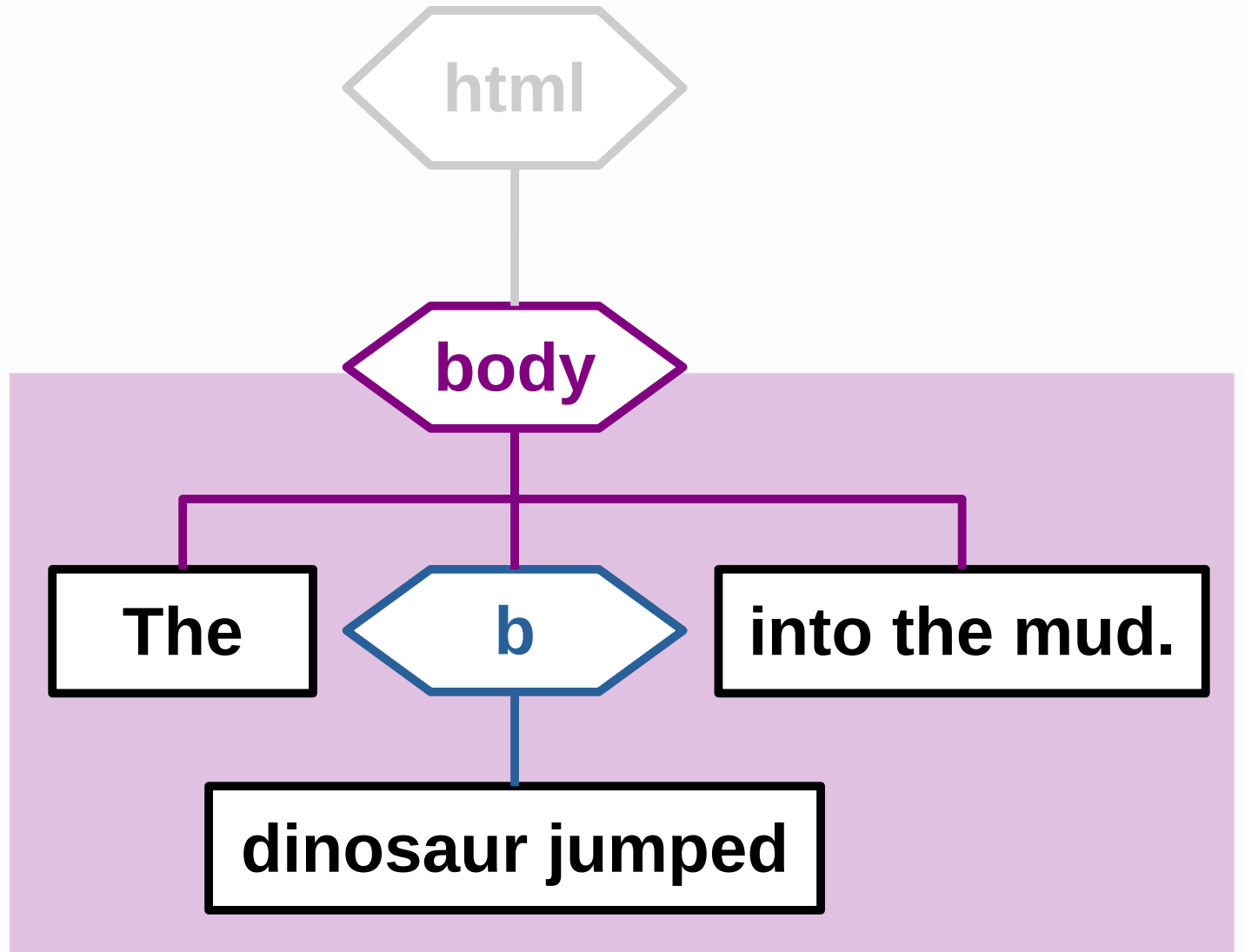
# html Element

html element  
body element  
b element



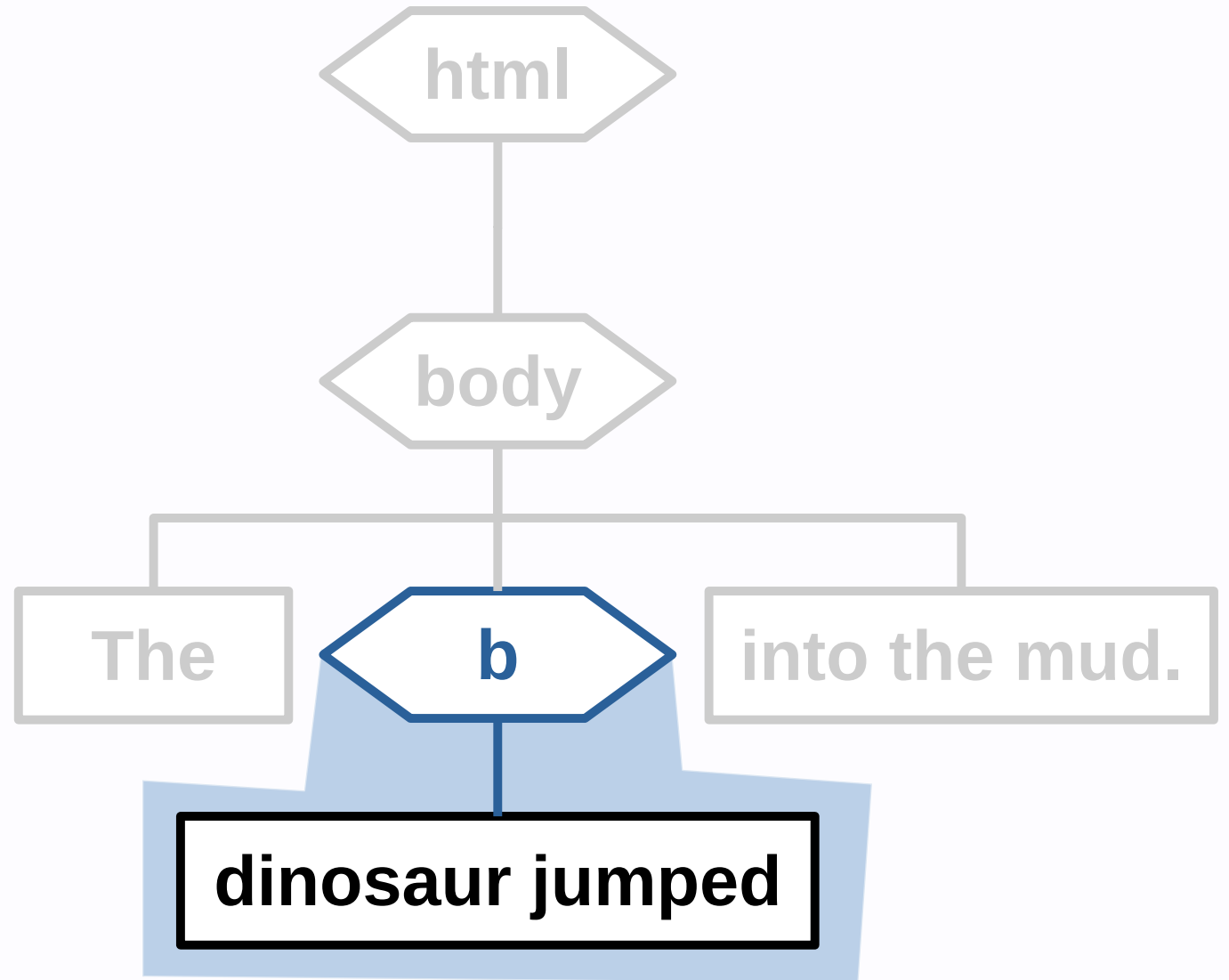
# body Element

html element  
**body** element  
b element



# b Element

html element  
body element  
**b** element



# Header Element `<h_>`

- Document headers in levels

```
<h1>Level 1</h1>  
<h2>Level 2</h2>  
<h3>Level 3</h3>
```

**Level 1**

**Level 2**

**Level 3**



# Paragraph Element

<p>

- Document headers in levels

```
<p>paragraph 1</p>  
<p>paragraph 2</p>
```

paragraph 1

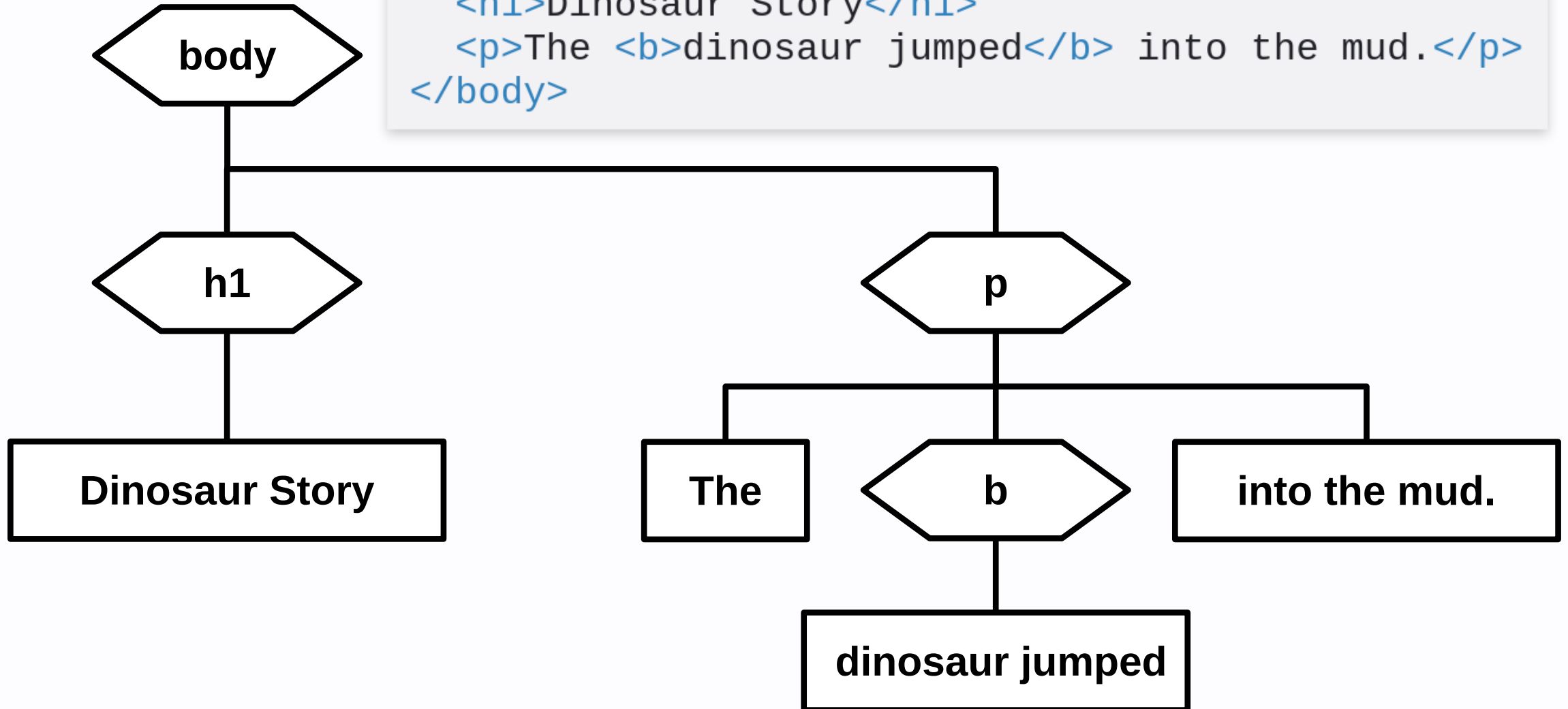
paragraph 2

# Header and Paragraph Example

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

# Document Body Tree

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

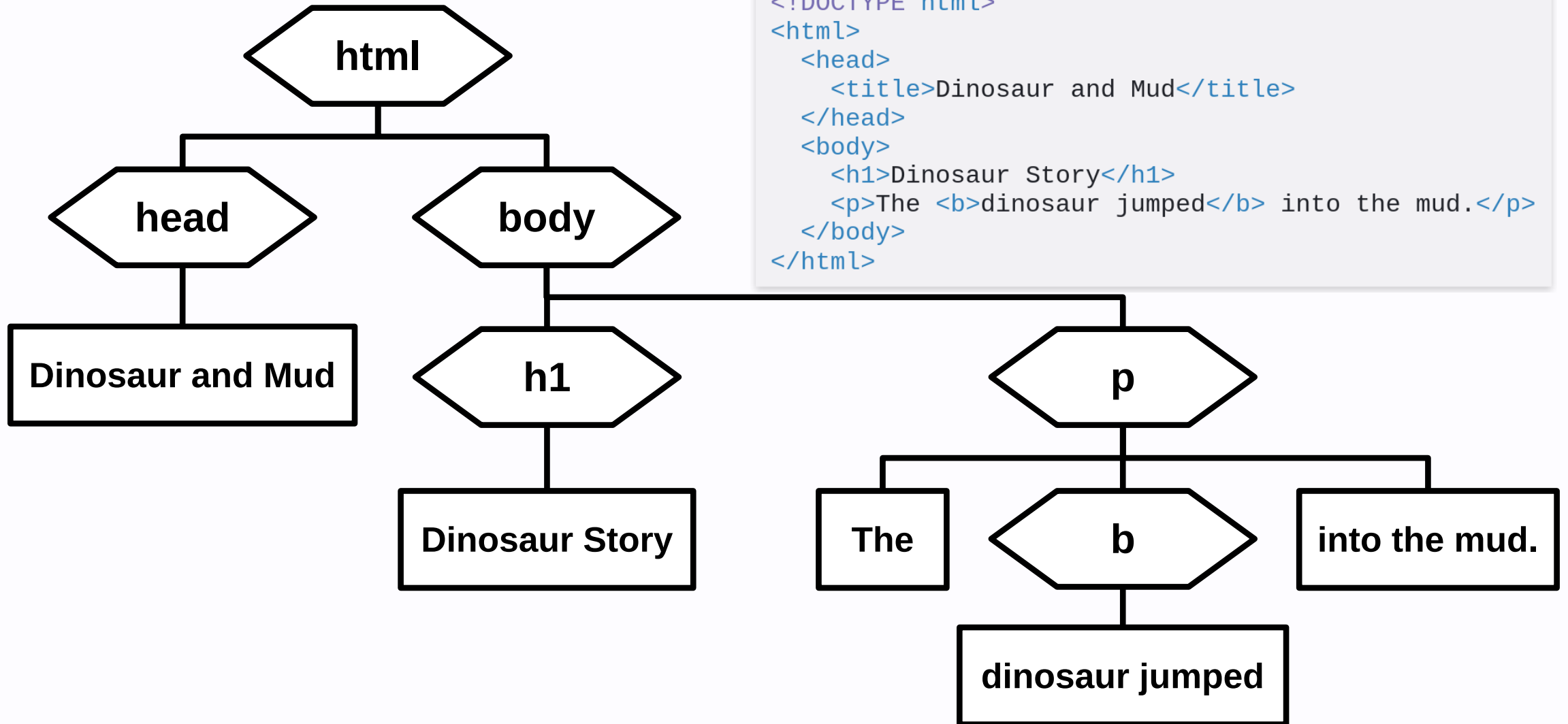


# Head `<head>`

- Metadata block of the document
  - not displayed on the page

```
<!DOCTYPE html>
<html>
  <head>
    <title>Dinosaur and Mud</title>
  </head>
  <body>
    <h1>Dinosaur Story</h1>
    <p>The <b>dinosaur jumped</b> into the mud.</p>
  </body>
</html>
```

# Document Tree



# 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)