

Black & White Series

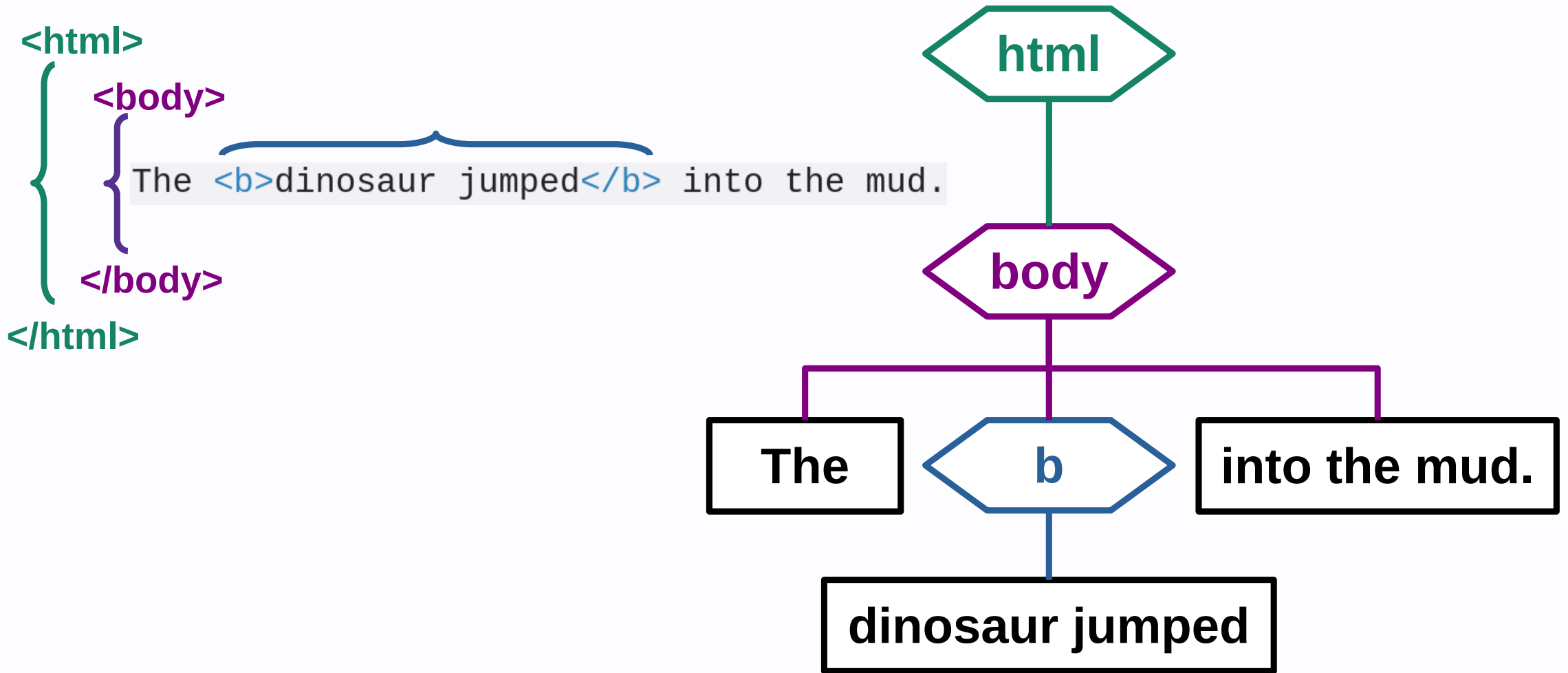
HTML Tree

Structure and Format

Minimal HTML Page

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

HTML Markup and Tree



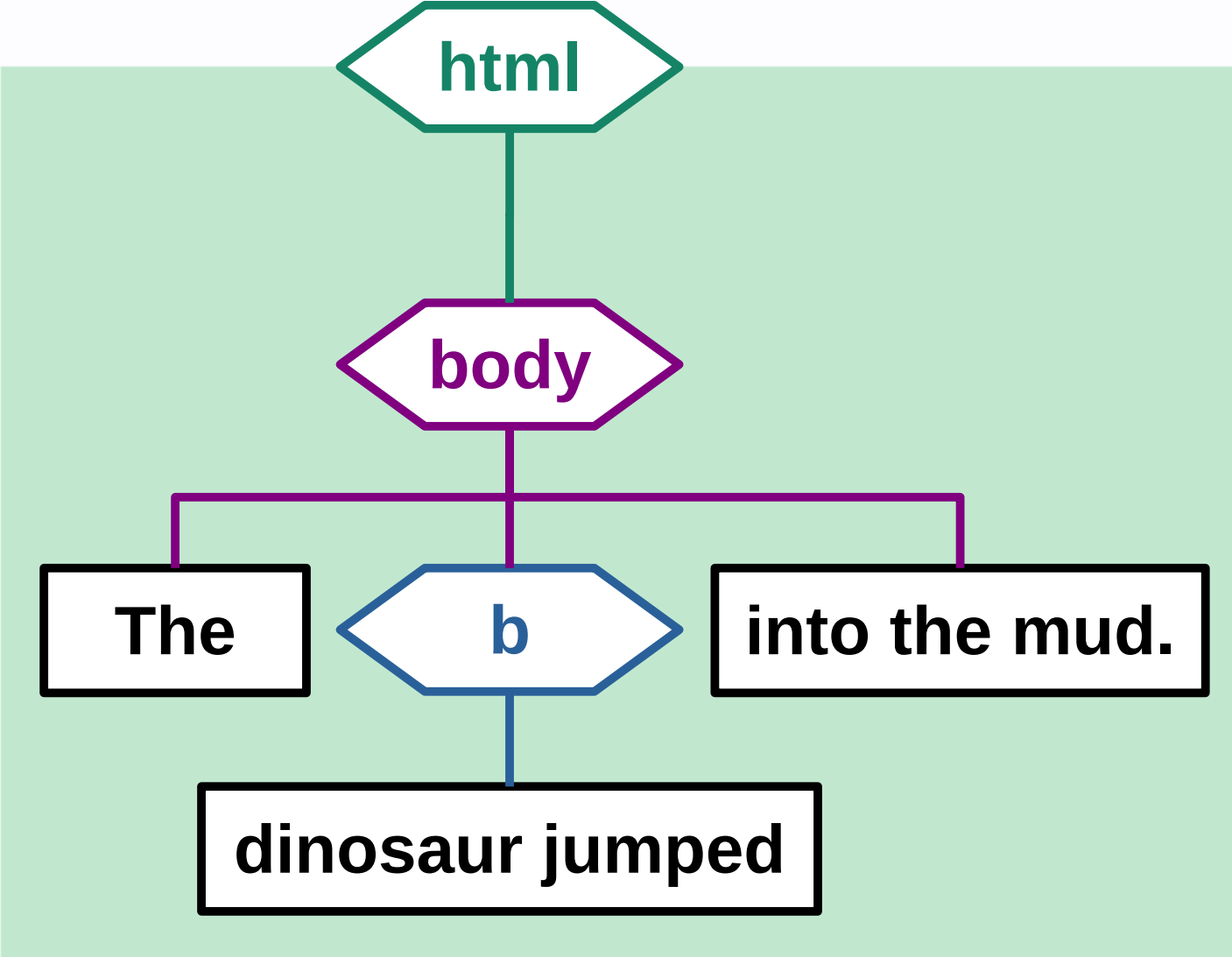
Element

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

html

Element

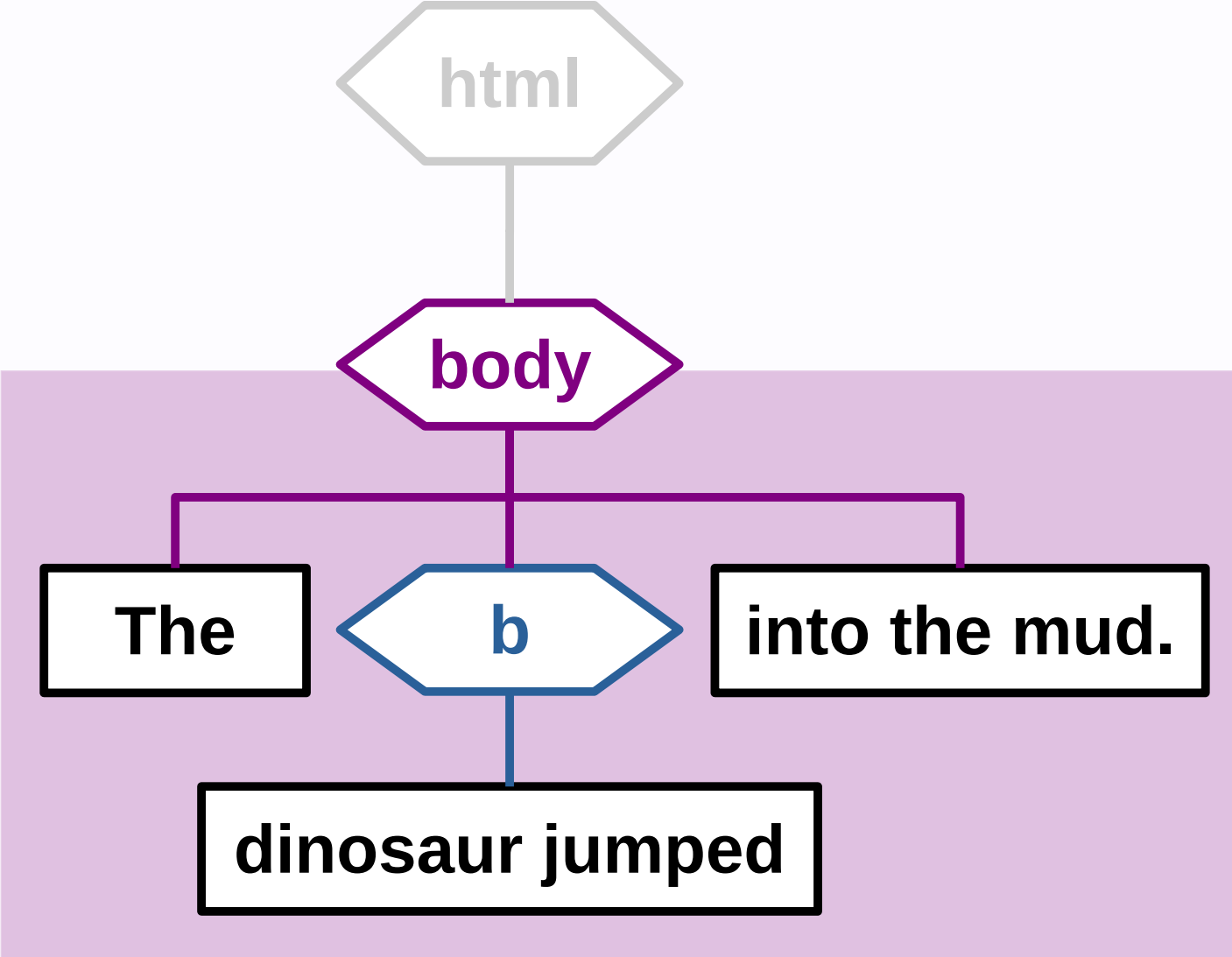
html element
body element
b element



body

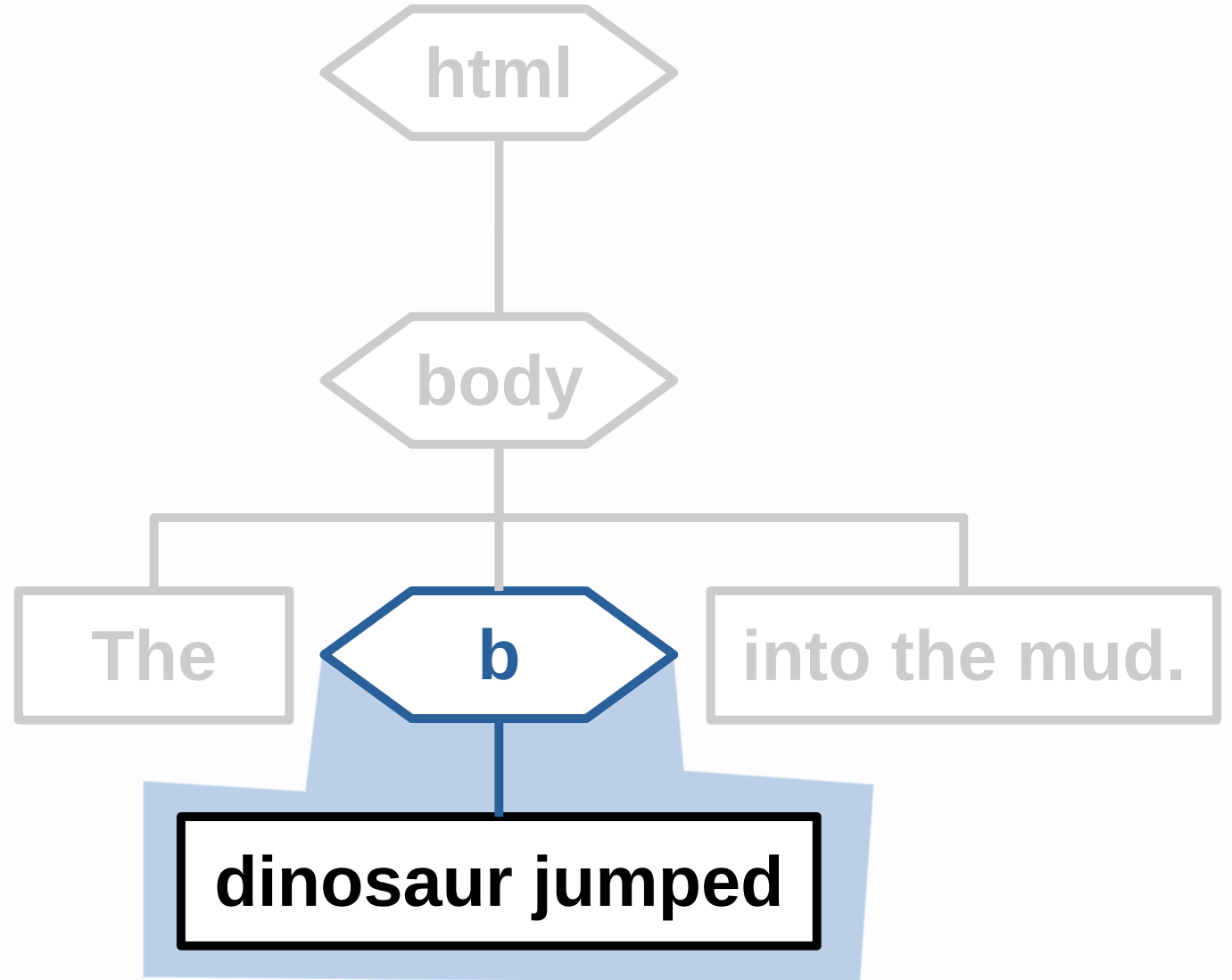
Element

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

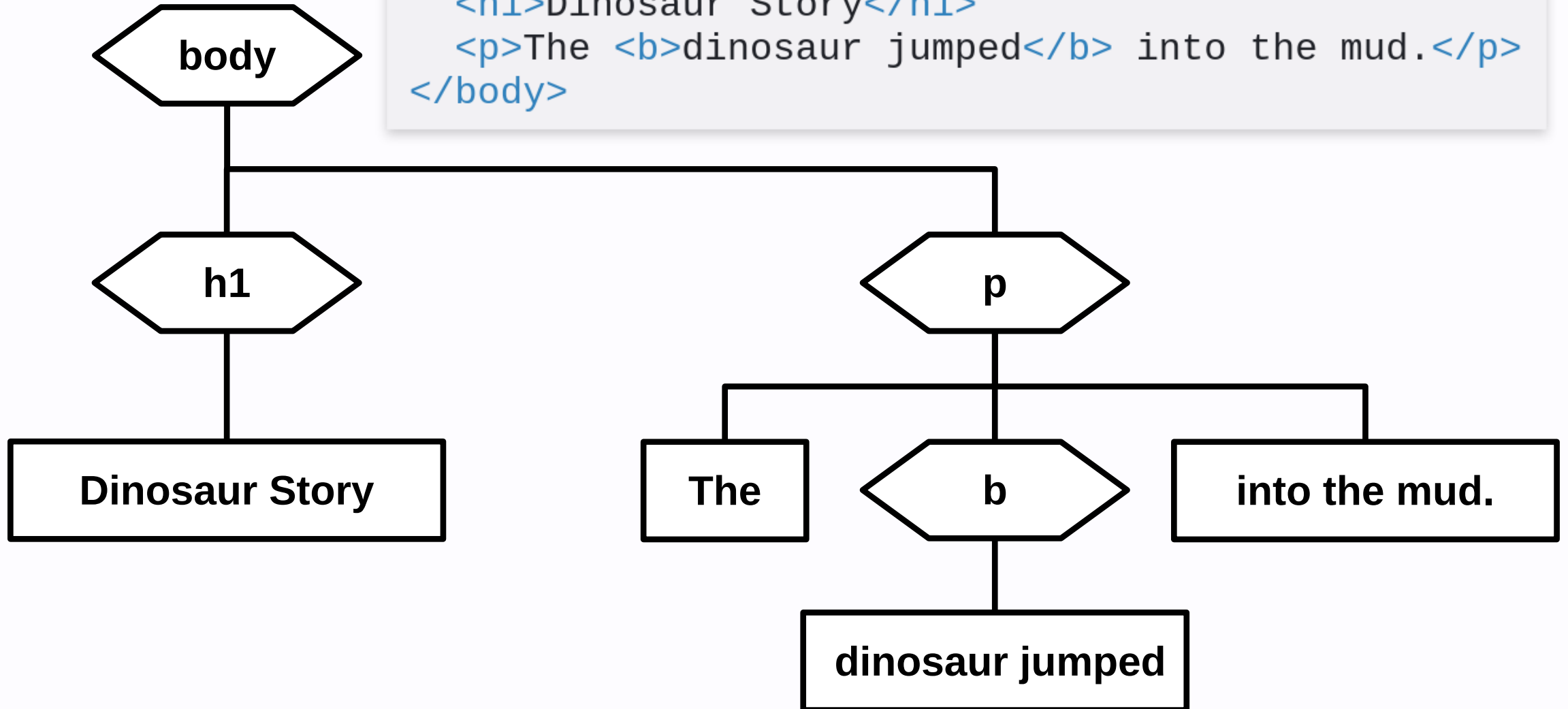
paragraph 2

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>
```

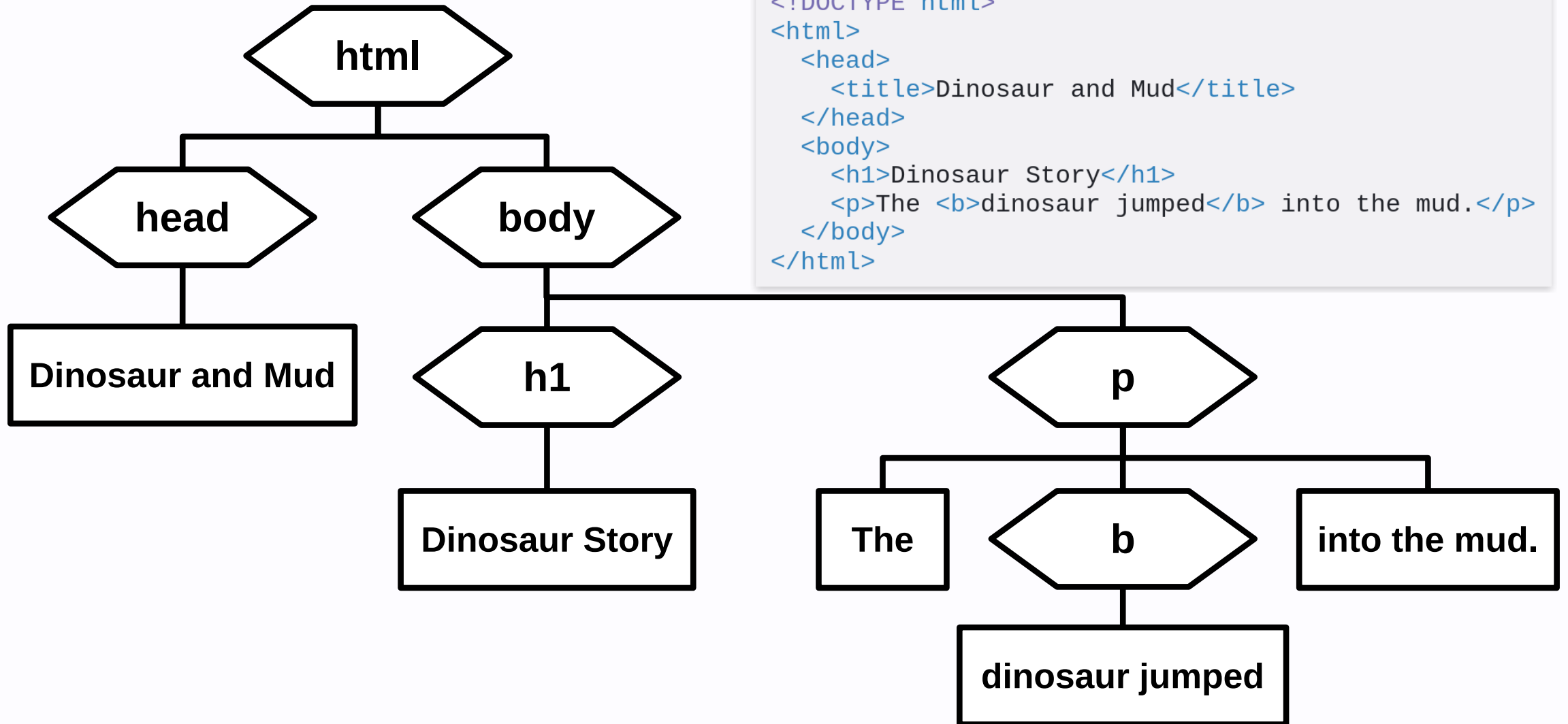


Head `<head>`

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

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

André Santanchè

www.ic.unicamp.br/~santanch/

Web2Learn

santanche.github.io/web2learn/