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>
```
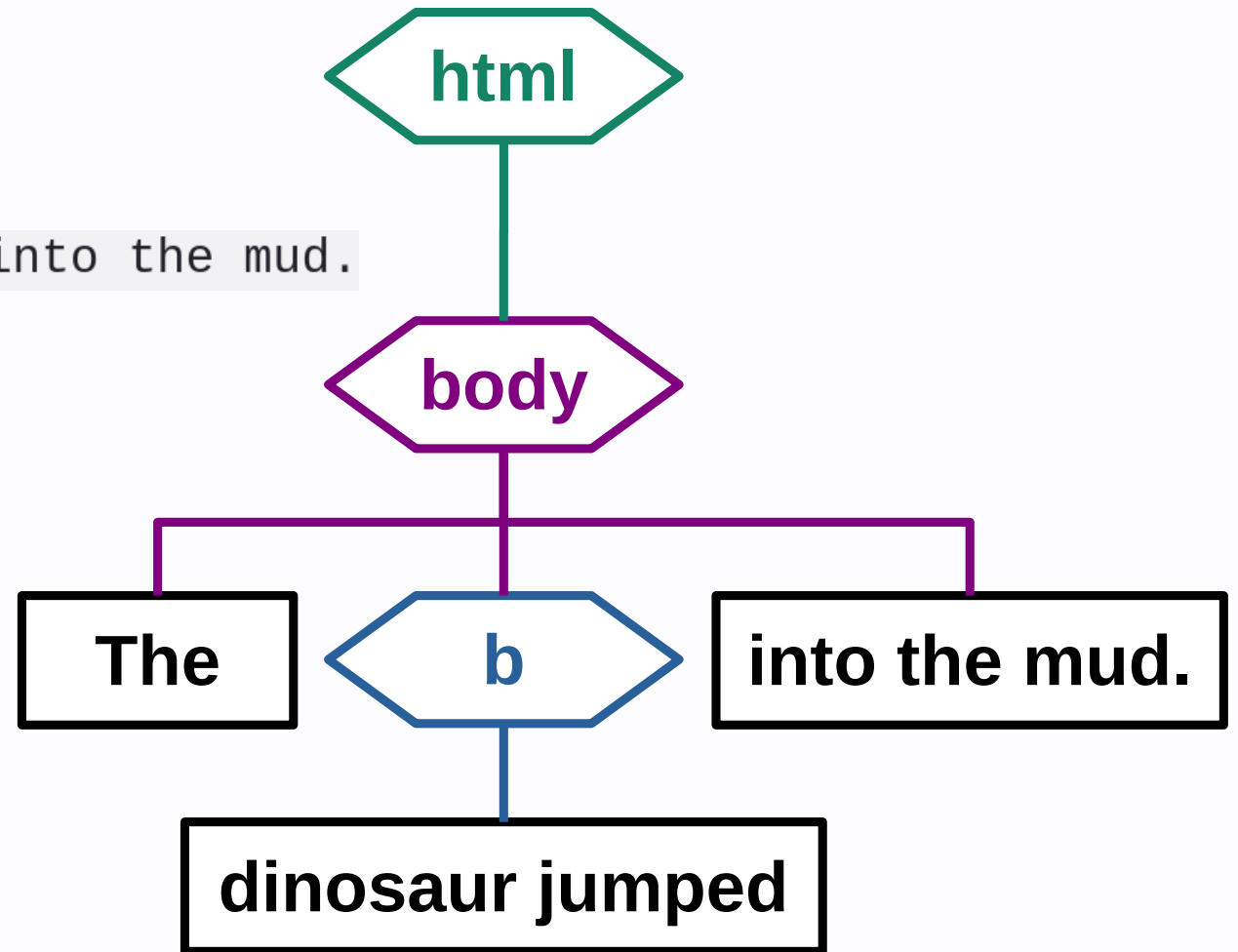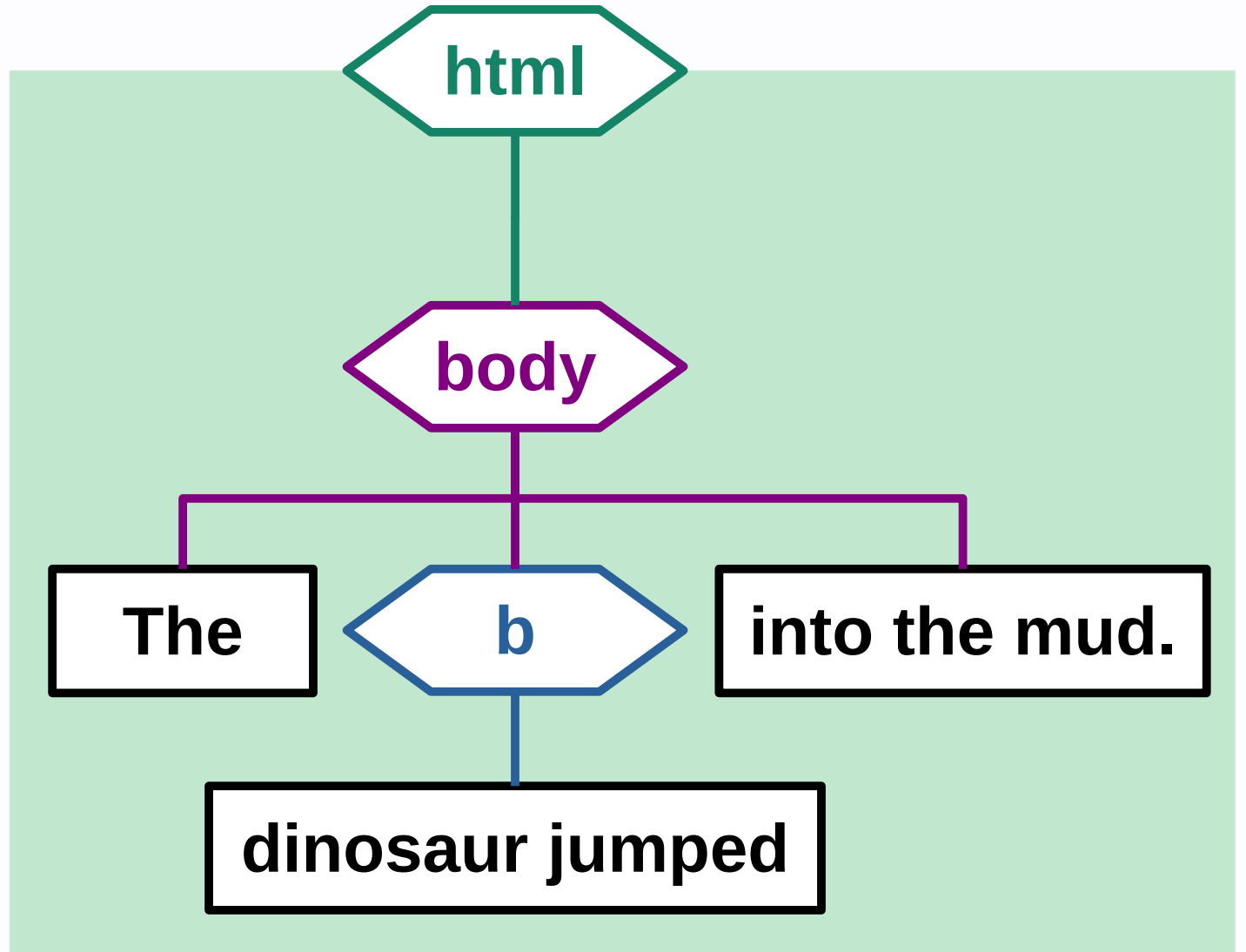
HTML Markup and Tree

`<html>`

`<body>`

The `<b>`dinosaur jumped`</b>` into the mud.

`</body>`

`</html>`

html

body

The

b

into the mud.

dinosaur jumped

Element

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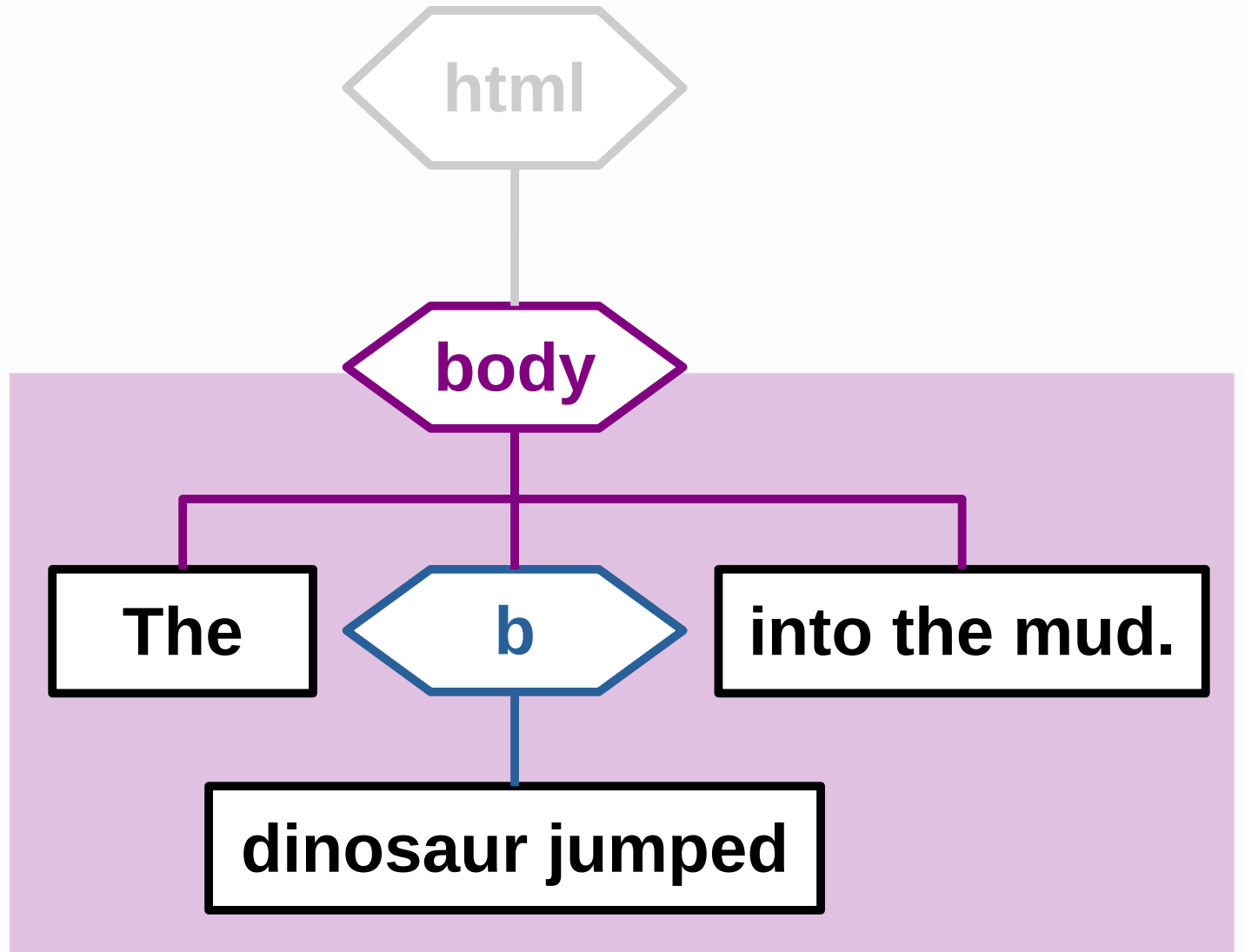 - element content = everything delimited by the tag.

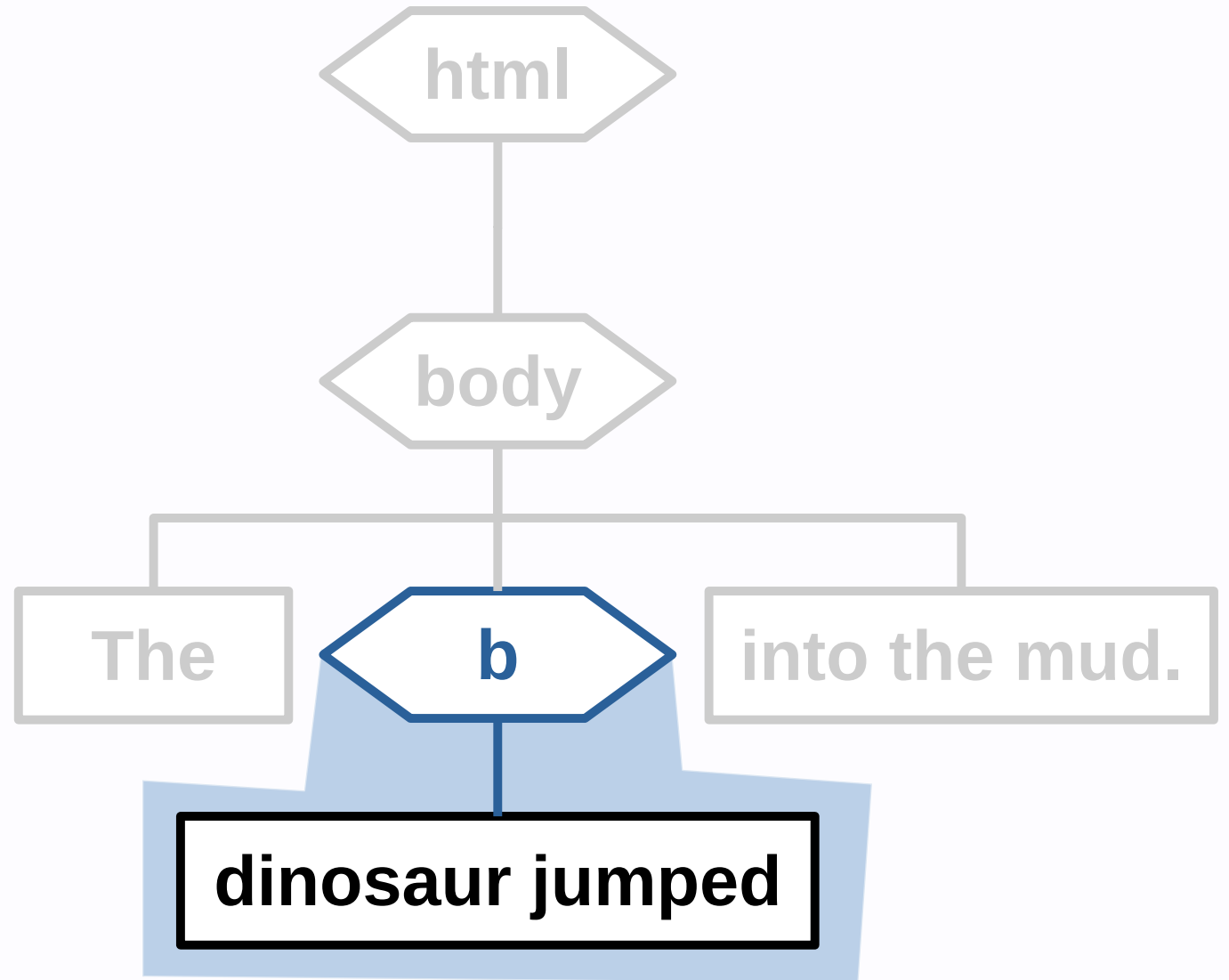# `html` Element

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

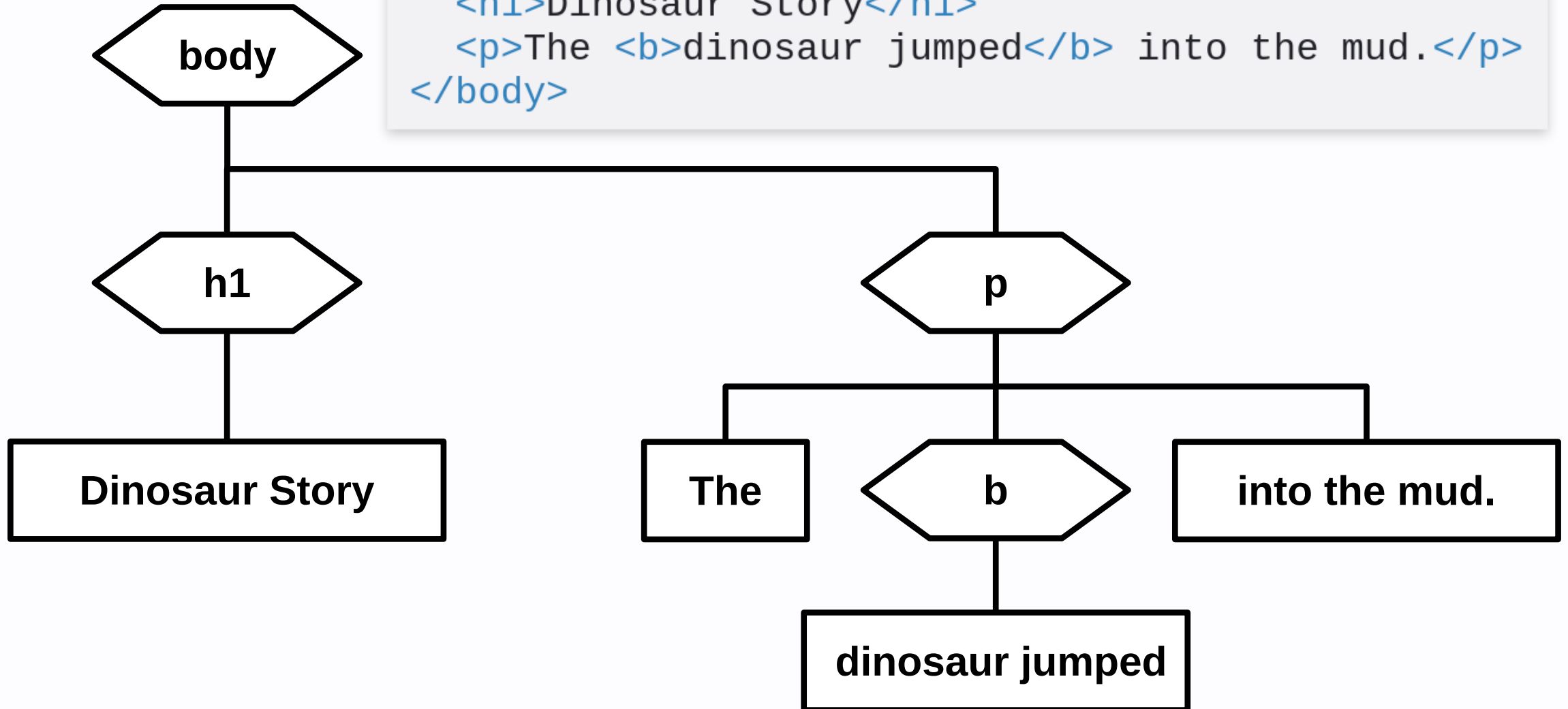paragraph 2

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
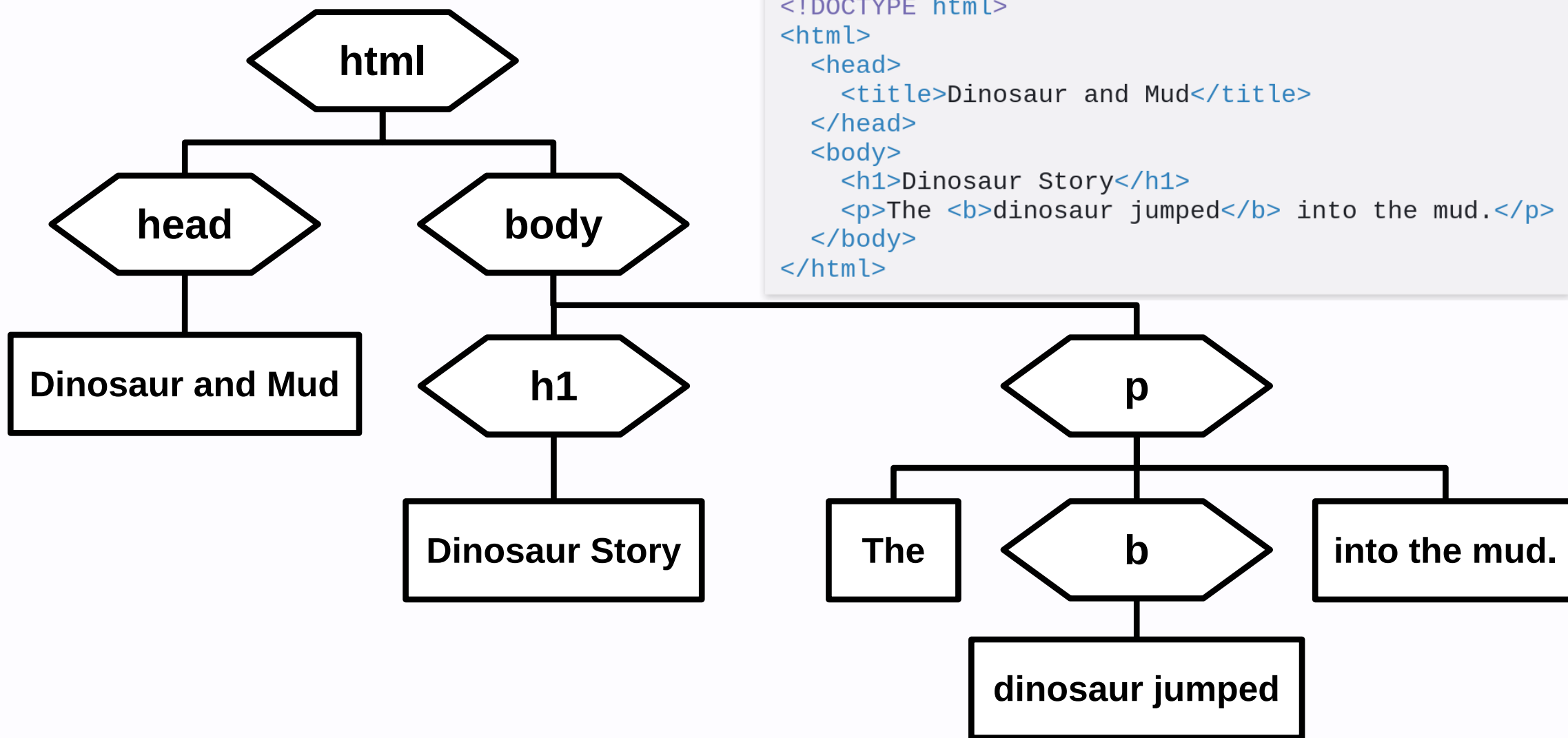 - not displayed on the page

```
<!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

```
<!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>
```

html
- head
  - Dinosaur and Mud
- body
  - h1
    - Dinosaur Story
  - p
    - The
    - b
      - 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