Black & White Series

HTML Introduction

Minimal HTML Page

HTML

- HyperText Markup Language
- Invented by Tim Berners-Lee in 1989
- Combines Hypertext + Markup Language
  - Hypertext
    - documents connected by hyperlinks
  - Markup Language
    - uses markup to add information to documents

Experimental environment

Javascript Playground
(https://playcode.io/)

interactive environment ideal for starters

Minimal HTML Page

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

- `<!DOCTYPE html>` - HTML5 type
- `<html>` - encompasses entire HTML document
- `<body>` - presented part of the document

Markup

- Distinguished by the symbols `<` and `>`

- Delimits a fragment
  - `<...>` – start
  - `</...>` – end

- Example: markup `<b>` = bold

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

Bold Markup

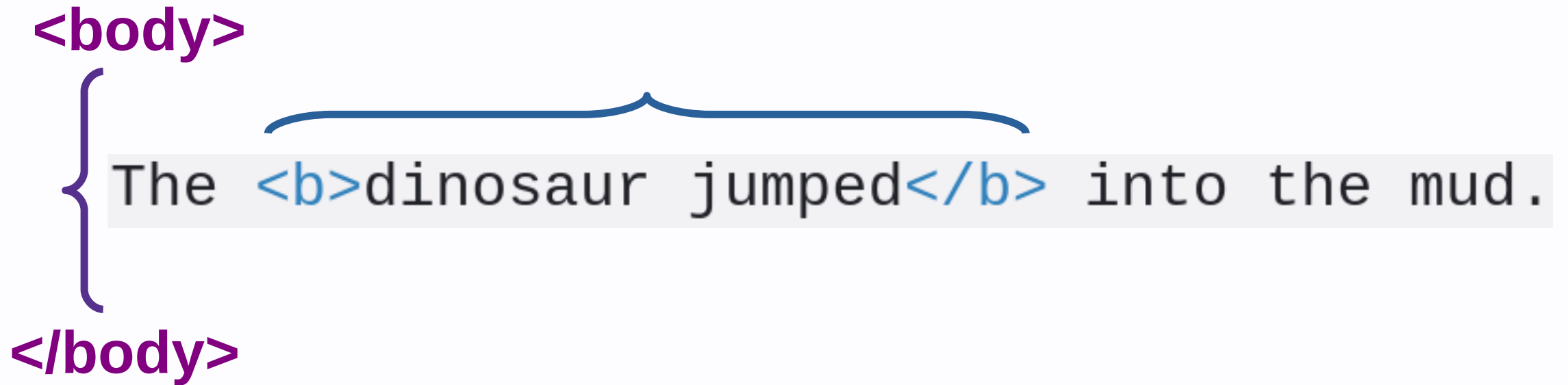The `<b>`dinosaur jumped`</b>` into the mud.

Body Markup

<body>

The ****dinosaur jumped**** into the mud.

</body>

HTML Markup

<html>

<body>

The dinosaur jumped into the mud.

</body>

</html>

HTML Markup and Tree

<html>

<body>

The ****dinosaur jumped**** into the mud.

</body>

</html>

html

body

The   b   into the mud.

dinosaur jumped
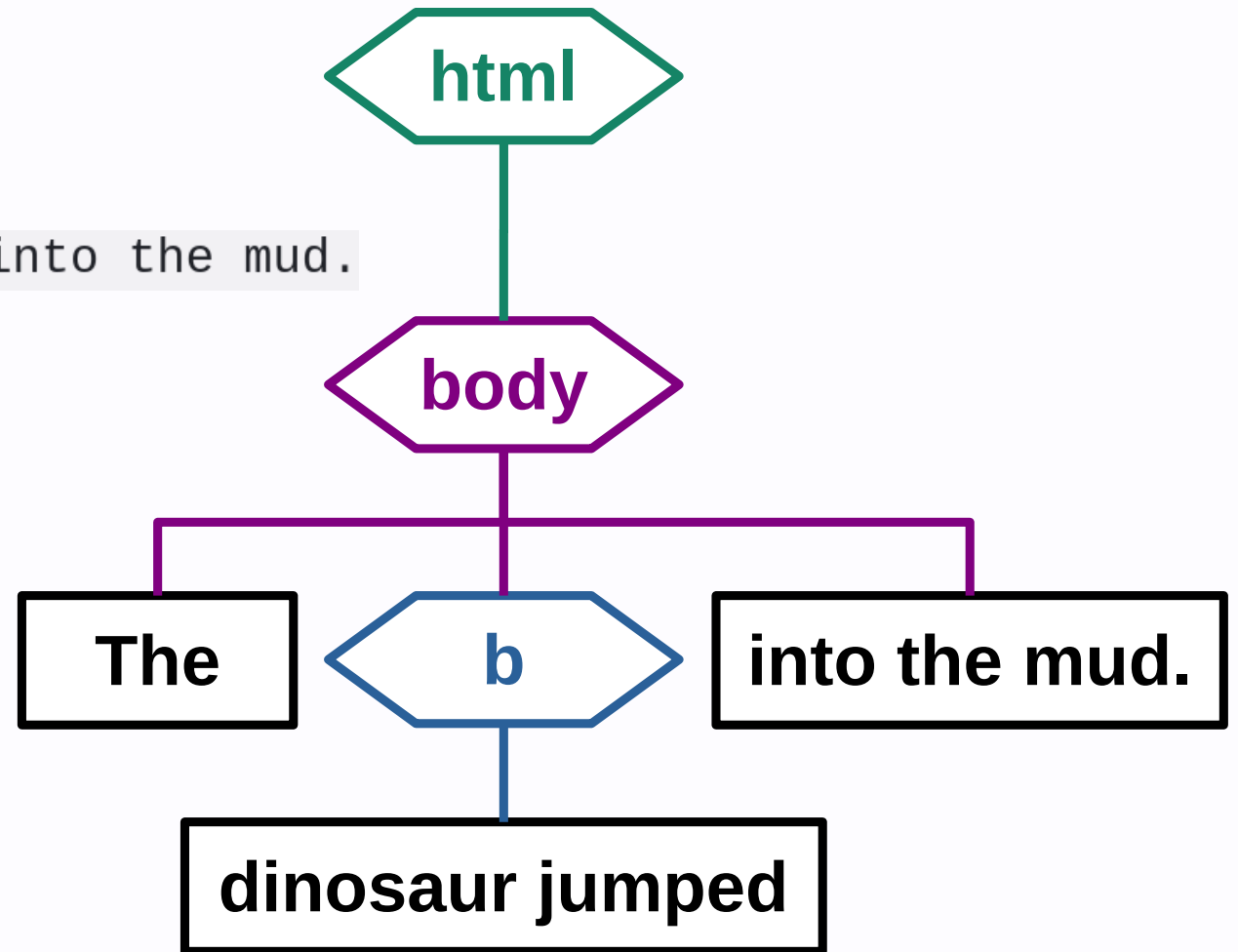
Videos / Tutorials

W3Schools HTML Tutorial

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

Web and Semantic Web 2015 Playlist

https://youtube.com/playlist?
list=PL3JRjVnXiTBZpnuD7ZtJ3fdNsCcR5Oy7B