

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

W3C

World Wide Web Consortium

<https://www.w3.org/>

- Founded by Tim Berners-Lee in 1994
- Develops and Maintains Web standards
 - including HTML

Experimental environment

Web2Learn

<https://santanche.github.io/web2learn>

Tutorials, code examples and slides

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

- Based on tags
- Distinguished by the symbols `<` and `>`
- Delimits a fragment
 - `<tag>` - opening tag
 - `</tag>` - closing tag
- Example: tag `` = bold

The ``dinosaur jumped`` into the mud.

Bold Tag

bold

The ``dinosaur jumped`` into the mud.

start

end

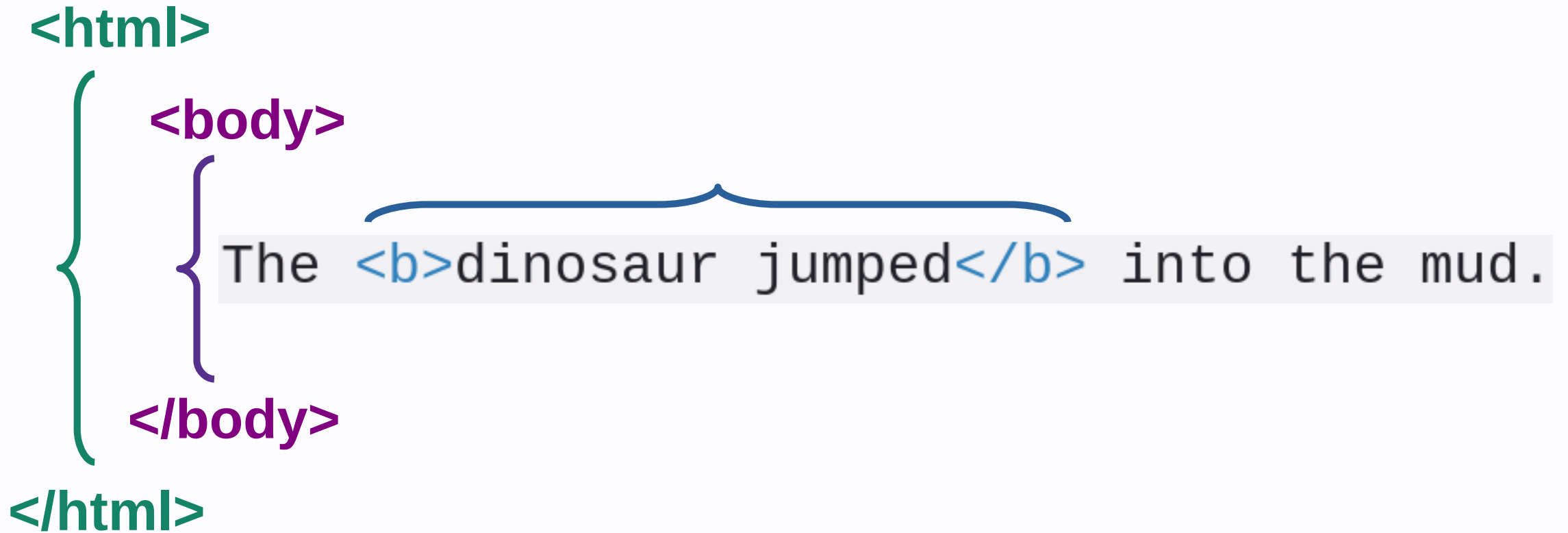
Body Tag

`<body>`

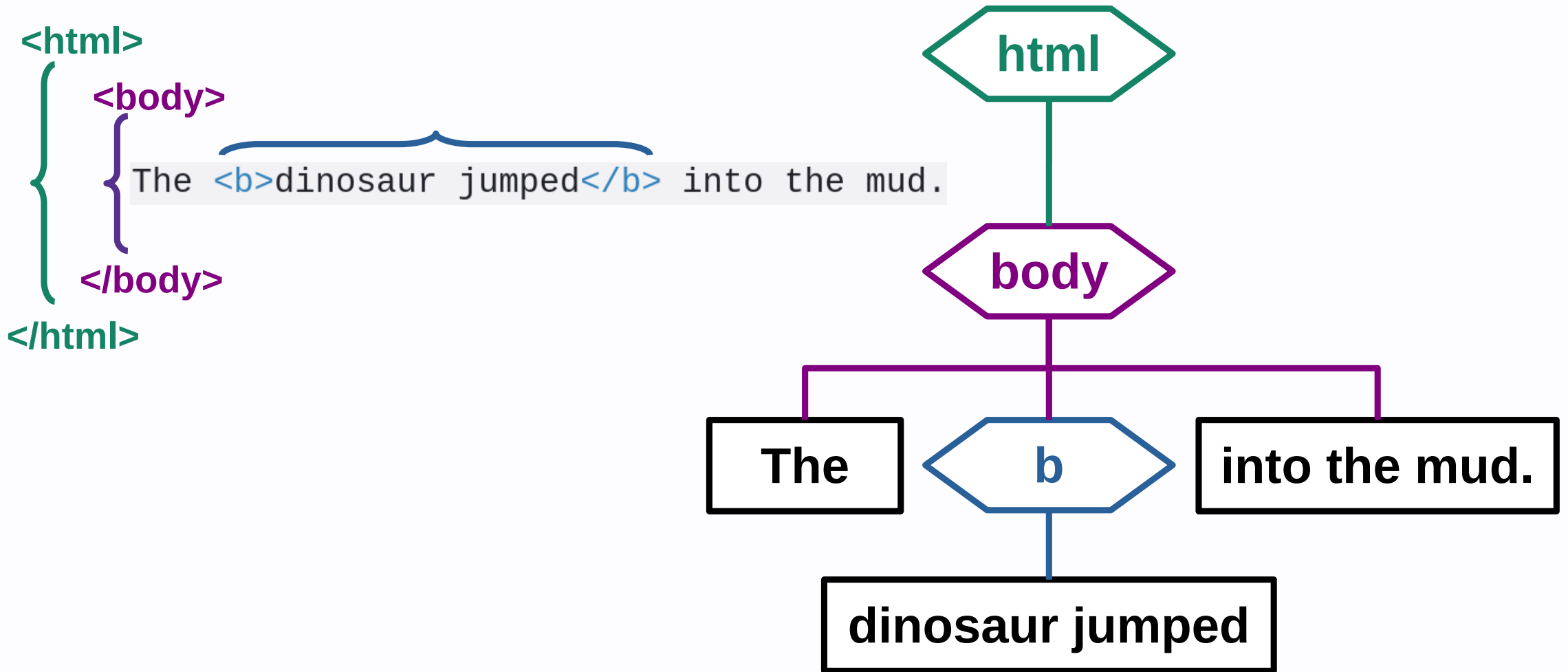
The `dinosaur jumped` into the mud.

`</body>`

HTML Tag



HTML Markup and 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)

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Web2Learn

santanche.github.io/web2learn/