

# HTML/CSS Introduction

國立屏東大學  
電腦科學與人工智慧學系

咪路 <[mail@mirumo.org](mailto:mail@mirumo.org)> />

# What is HTML?



# HTML

Hyper Text Markup Language

It is the standard markup language for documents designed to be displayed in a web browser.

From Wikipedia

# About Tags

Start tag



<html>.....</html>



Eng tag

tag name | attributes | key1 = "value1"  
key2 = "value2"

↓ ↓

```
<div class="hello">  
    
</div>
```

Single tag

# HTML Structure



```
1 <html>
2     <head>
3     </head>
4     <body>
5     </body>
6 </html>
7
```

---

⌵  
⌵  
⌵



# <head>

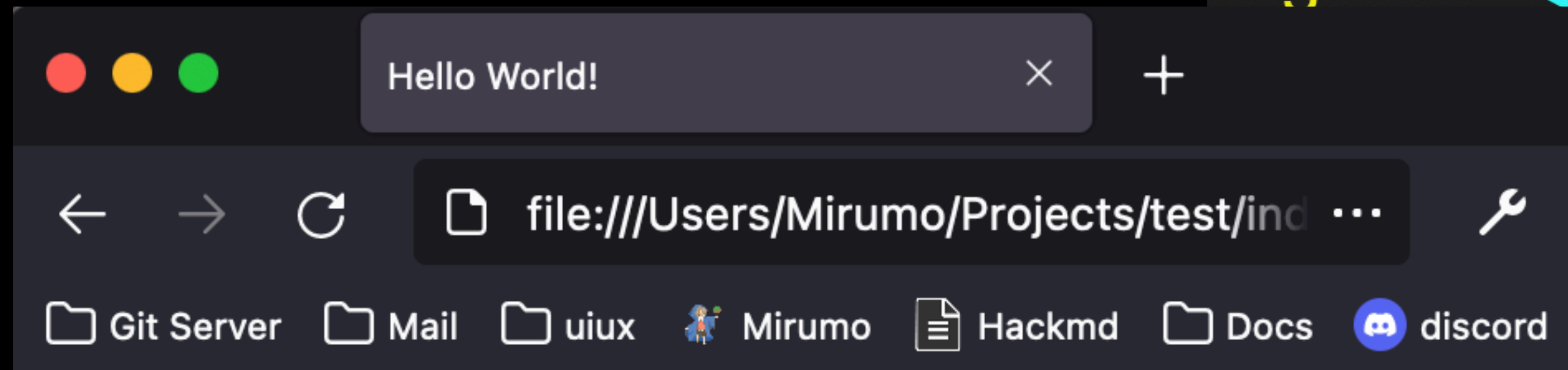
head tag

The HTML <head> element is a container for the following elements:

- <title>
- <meta>
- <link>
- <style>
- <script>
- <base>

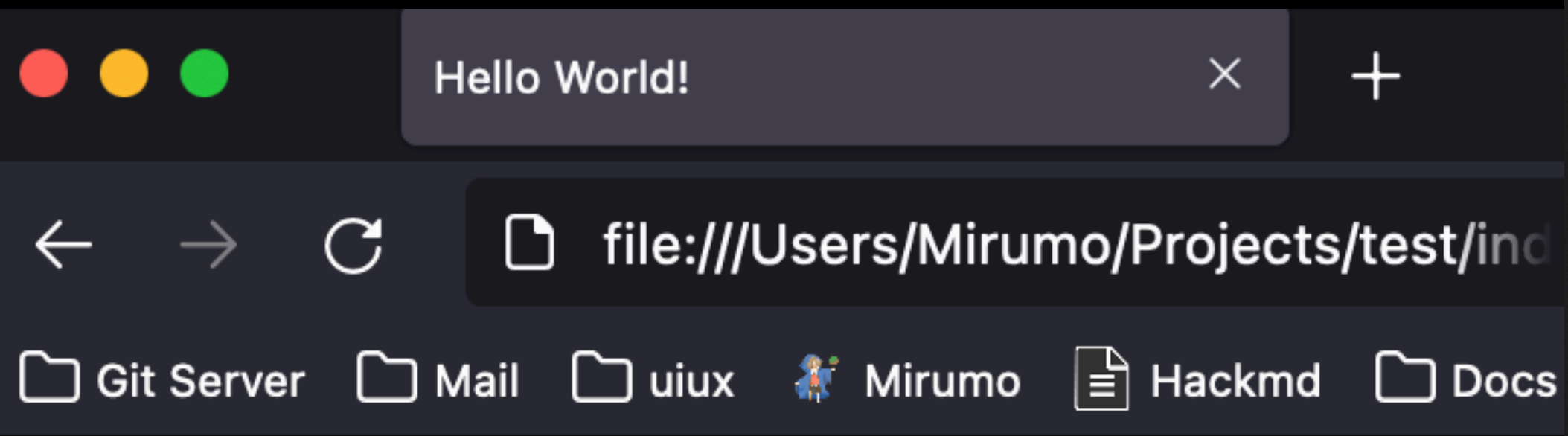
**<title>**  
title tag

```
test — vi ind
1 <html>
2     <head>
3         <title>Hello World!</title>
4     </head>
5     <body>
6         /body>
7 </html>
```



# <body>

## body tag



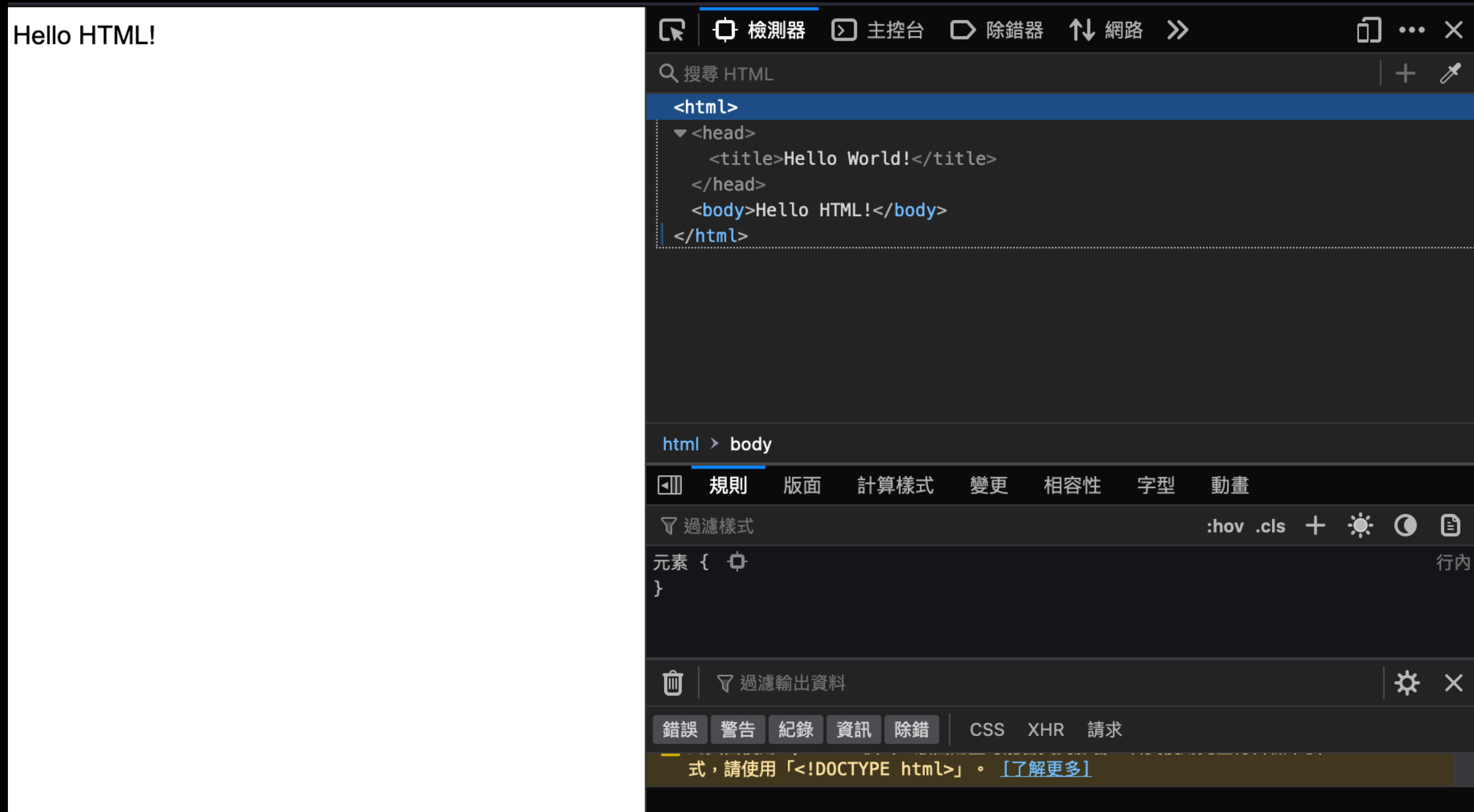
```
1 <html>
2     <head>
3         <title>Hello World!</title>
4     </head>
5     <body>
6         Hello HTML!
7     </body>
8 </html>
9
```

Hello HTML!

在開始之前...



# Browser Developer Tools



# Self Introduction

[Demo](#)

# What is CSS?





# CSS

## Cascading Style Sheets

- CSS describes how HTML elements are to be displayed on screen, paper, or in other media

From W3 school

```
1 <html>
2     <head>
3         <title>Hello World!</title>
4         <style>
5             h1 {
6                 color: red;
7             }
8         </style>
9     </head>
10    <body>
11        <h1>Hello HTML</h1>
12    </body>
13 </html>
14
```

---

# CSS Syntax

*Selector*

**h1** {

*Declaration*

color: red;

font-size: 12px;

*Property*

*Value*

}

# Common Style

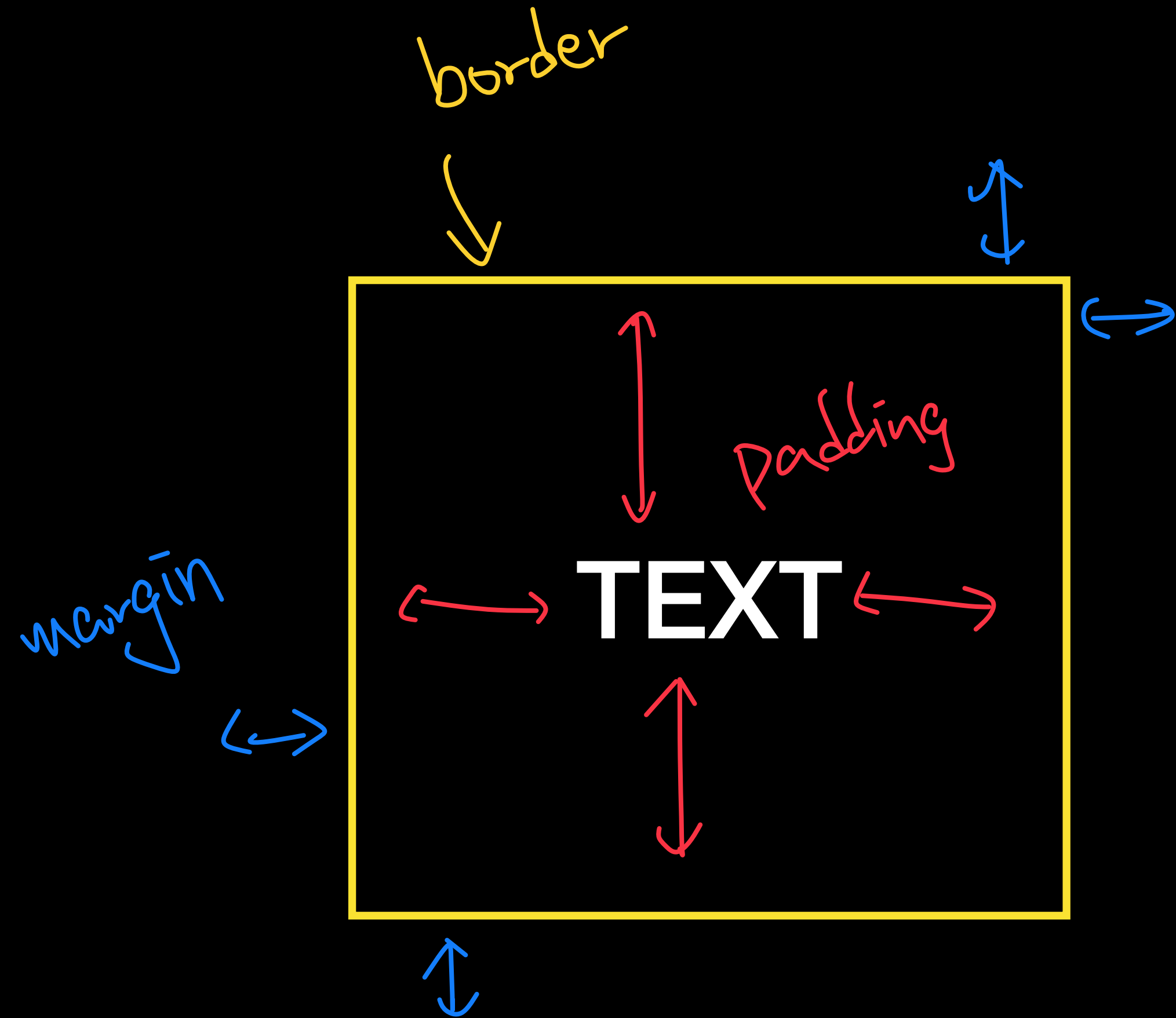
## About Font

- font-family
- font-size
- font-style
- font-weight
- color
- text-decoration
- word-spacing
- letter-spacing
- text-shadow
- text-transform
- font-variant
- text-align
- vertical-align
- text-indent
- white-spacing
- Line-height

# Common Style

## Box Model

- width / height
- background
- margin
- border
- padding





# Comment in HTML and CSS

```
<html>
  <head>
    <title>Hello World!</title>
    <style>
      h1 {
        color: red;
        /* This is comment. */
      }
    </style>
  </head>
  <!-- This is comment. -->
  <body>
    <h1>Hello HTML</h1>
  </body>
</html>
```

咪路 <mail@mirumo.org />