

ConvoHTML Guidelines

● Introduction

ConvoHTML is a streamlined markup language designed for creating HTML content with an easy-to-read syntax. This document provides an overview of ConvoHTML syntax, how to integrate CSS for styling, and practical examples to help you get started.

● Basic ConvoHTML Syntax

● Structure Elements

- **``nav``**: Defines a navigation bar `<nav>`.
- **``hero``**: Defines a hero section `<div class="hero">`, often used for large banners or introductory sections.
- **``features``**: Defines a features section `<div class="features">` for listing features or highlights.
- **``footer``**: Defines a footer `<footer>` for footer content.

● Text and Button Elements

- **``text:Your Text``**: Adds a text element within the current container.
- **``button:Button Text``**: Adds a button element within the current container.

● Icon Elements

- **``icon:Icon Class``**: Adds an icon to the text, using classes typically from icon libraries (e.g., Font Awesome).

●Example Code

```
``plaintext
```

```
nav
```

```
  text:Home
```

```
  text:About
```

```
  text:Contact
```

```
hero
```

```
  text>Welcome to Our Website
```

```
  button:Learn More
```

```
features
```

```
  text:Feature 1
```

```
    icon:fa-check
```

```
  text:Feature 2
```

```
    icon:fa-star
```

```
  text:Feature 3
```

```
    icon:fa-lock
```

```
footer
```

```
  text:Copyright 2024
```

```
````
```

This code translates to the following HTML:

```
```html
<nav>
  <div>Home</div>
  <div>About</div>
  <div>Contact</div>
</nav>
<div class="hero">
  <div>Welcome to Our Website</div>
  <button>Learn More</button>
</div>
<div class="features">
  <div><i class="fa fa-check"></i> Feature 1</div>
  <div><i class="fa fa-star"></i> Feature 2</div>
  <div><i class="fa fa-lock"></i> Feature 3</div>
</div>
<footer>
  <div>Copyright 2024</div>
</footer>
```
```

## ## Integrating CSS with ConvoHTML

### ### Adding CSS Styles

You can include CSS within the same ConvoHTML file using ``<style>`` tags. This allows you to style the generated HTML elements directly.

- Example Code with CSS

``plaintext

nav

text:Home

text>About

text:Contact

hero

text>Welcome to Our Website

button:Learn More

features

text:Feature 1

icon:fa-check

text:Feature 2

icon:fa-star

text:Feature 3

icon:fa-lock

footer

text:Copyright 2024

<style>

body {

font-family: Arial, sans-serif;

}

nav {

background-color: #333;

color: #fff;

padding: 1em;

```
 text-align: center;
}
.hero {
 background-size: cover;
 background-position: center;
 height: 100vh;
 display: flex;
 justify-content: center;
 align-items: center;
 color: #fff;
}
.features {
 display: flex;
 flex-wrap: wrap;
 justify-content: center;
}
.features div {
 margin: 1em;
 padding: 1em;
 border: 1px solid #ddd;
 border-radius: 0.5em;
 width: calc(33.33% - 2em);
}
footer {
 background-color: #333;
 color: #fff;
 padding: 1em;
 text-align: center;
}
</style>
```

...

### ### Explanation of CSS

- `**`nav`**`: Styles the navigation bar with background color, text color, padding, and text alignment.
- `**`.hero`**`: Styles the hero section with background size, position, height, flexbox alignment, and text color.
- `**`.features`**`: Styles the features section with flexbox layout, wrapping, and centering.
- `**`.features div`**`: Styles each feature item with margin, padding, border, border radius, and width.
- `**`footer`**`: Styles the footer with background color, text color, padding, and text alignment.

### ## Detailed Example

Here is a complete ConvoHTML example including all elements and styles:

```plaintext`

`nav:primary`

`text:Home`

`text:About`

`text:Contact`

`hero:bg-image`

`text>Welcome to Our Website`

`button:Learn More`

features

text:Feature 1

icon:fa-check

text:Feature 2

icon:fa-star

text:Feature 3

icon:fa-lock

footer

text:Copyright 2024

<style>

body {

font-family: Arial, sans-serif;

}

.primary {

background-color: #333;

color: #fff;

padding: 1em;

text-align: center;

}

.hero {

background-size: cover;

background-position: center;

height: 100vh;

display: flex;

justify-content: center;

align-items: center;

color: #fff;

}

```
.features {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}
.features div {
  margin: 1em;
  padding: 1em;
  border: 1px solid #ddd;
  border-radius: 0.5em;
  width: calc(33.33% - 2em);
}
footer {
  background-color: #333;
  color: #fff;
  padding: 1em;
  text-align: center;
}
</style>
'''
```

This example includes a navigation bar, hero section, features section with icons, and a footer, all styled with CSS.

●Conclusion

ConvoHTML simplifies the process of creating HTML content and integrating it with CSS for styling. Use this guide to understand the basics of ConvoHTML, write and style your content, and create well-structured web pages.

