CSSGenerator Library Documentation
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Overview

The CSSGenerator class provides a simple and programmatic way to generate CSS styles dynamically in PHP. This class allows you to set various CSS properties for different selectors and output the generated CSS to a file.

Getting Started

1. Include the CSSGenerator Class
   - Make sure to include the CSSGenerator.php file in your project.

```php
require_once 'CSSGenerator.php';
```

2. Create an Instance of the CSSGenerator Class

```php
$cssGenerator = new CSSGenerator();
```

Basic Usage

Setting Properties

You can set CSS properties for different selectors using the provided methods. Each method follows the pattern *set<PropertyName>*, where PropertyName corresponds to the CSS property you want to set.

Examples

- Setting Width and Height
```php
$cssGenerator->setWidth('.container', '100%')
             ->setHeight('.container', 'auto');
```

- Setting Margins and Padding
```php
$cssGenerator->setMargin('.box', '10px')
             ->setPadding('.box', '15px');
```

- Setting Background Properties
```php
$cssGenerator->setBackgroundColor('body', '#f0f0f0')
```

```
                    ->setBackgroundImage('body',
'url(background.jpg)');
```

- Setting Font Properties
```
$cssGenerator->setFontFamily('p', 'Arial, sans-serif')
             ->setFontSize('p', '14px')
             ->setColor('p', '#333');
```

- Setting Position Properties
```
$cssGenerator->setPosition('.fixed-header', 'fixed')
             ->setTop('.fixed-header', '0')
             ->setZIndex('.fixed-header', '1000');
```

- Setting Flexbox Properties
```
$cssGenerator->setDisplay('.flex-container', 'flex')
             ->setJustifyContent('.flex-container', 'center')
             ->setAlignItems('.flex-container', 'center');
```

- Setting Hover States and Pseudo-elements
```
$cssGenerator->setHover('.button', 'background-color', '#ddd')
             ->setPseudoElement('.content', 'before',
'content', '"Before Content"');
```

Outputting CSS

After setting all your desired properties, you can output the CSS to a file using the outputCSS
method.

Example: Outputting to a File
```
$cssGenerator->outputCSS('styles.css');
```