

# Code Examples

BookStack uses Codemirror to render code blocks with syntax highlighting. Below are various examples of this:

## PHP

```
/**
 * Get a path to a theme resource.
 */
function theme_path(string $path = ''): ?string
{
    $theme = config('view.theme');

    if (!$theme) {
        return null;
    }

    return base_path('themes/' . $theme . ($path ? DIRECTORY_SEPARATOR . $path : $path));
}
```

## JavaScript

```
performReplacements(string, replacements) {
    if (!replacements) return string;
    const replaceMatches = string.match(/:(\[S+\])/g);
    if (replaceMatches === null) return string;
    replaceMatches.forEach(match => {
        const key = match.substring(1);
        if (typeof replacements[key] === 'undefined') return;
        string = string.replace(match, replacements[key]);
    });
    return string;
}
```

## Bash / Shell

```
# Get our images
for i in $(seq 1 $COUNT)
do
    echo "Fetching image ${i} of ${COUNT}"
    curl -sL "https://source.unsplash.com/random/${WIDTH}x${HEIGHT}?${TOPIC}" >
"${PREFIX}image_${WIDTH}x${HEIGHT}_${i}.jpg"
    sleep 0.6
done
```

## HTML

```
<div back-to-top class="primary-background print-hidden">
  <div class="inner">
    <span>Back to top</span>
  </div>
</div>
```

## Nginx

```
server {
    listen 80;
    listen [::]:80;

    server_name bookstack.dev;

    root /var/www/bookstack/public;
    index index.php index.html;

    location / {
        try_files $uri $uri /index.php?$query_string;
    }

    location ~ /\.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass unix:/run/php/php7.4-fpm.sock;
    }
}
```

## Markdown

### ### ☐ Code Standards

PHP code style is enforced automatically [using StyleCI](<https://github.styleci.io/repos/41589337>).

If submitting a PR, any formatting changes to be made will be automatically fixed after merging.

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