Emmet插件

@M了个J

https://github.com/CoderMJLee

https://space.bilibili.com/325538782

插件（Plugin）
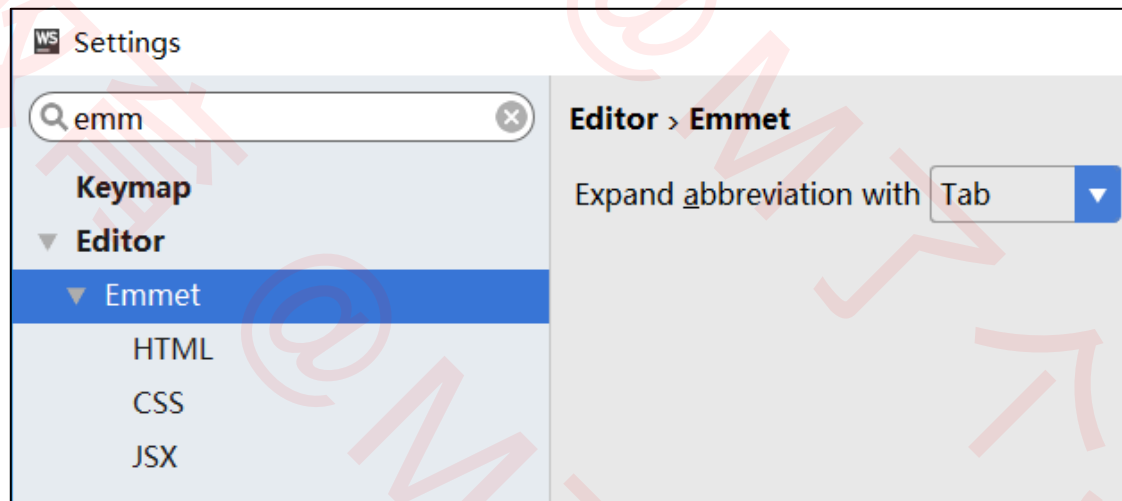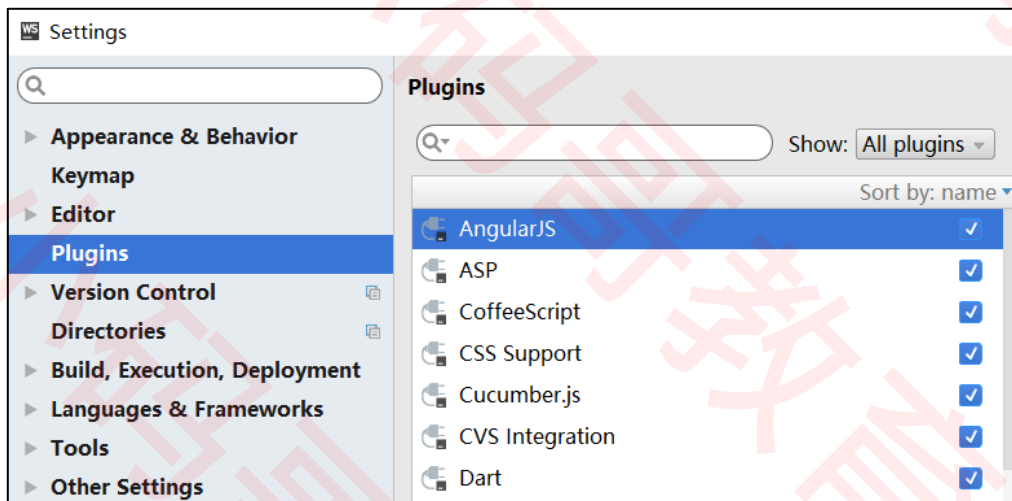
- 什么是插件?
- 基于某个系统平台或某个软件平台开发的程序，只能在指定的平台运行，不能脱离指定的平台单独运行

- 插件的定位是开发实现原平台不具备的功能

- 概括总结一下
- 插件是一种可插拔的拓展程序，为其他应用程序增加额外的功能（比如浏览器插件）

Emmet插件

- WebStorm默认已经安装和内置了很多实用的插件（包括即将要学习的Emmet插件）
- Emmet官网： https://www.emmet.io/

- Emmet的作用
- 提供了一种非常简洁的语法规则，按下Tab键就可以自动生成对应的一大串HTML\CSS代码
- 可以极大地提高代码编写效率
- 它是Zen Coding的升级版，由Zen Coding原作者开发，功能更加强大

!和html:5

- !和html:5可以快速生成完整结构的html5代码

```html
<!doctype html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
        content="width=device-width, user-scalable=no,
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>
<body>

</body>
</html>
```

>和+

div>ul>li

```
<div>
    <ul>
        <li></li>
    </ul>
</div>
```

div+div>p>span+em

```
<div></div>
<div>
    <p><span></span><em></em></p>
</div>
```

div+p+bq

```
<div></div>
<p></p>
<blockquote></blockquote>
```

- Emmet语法注意点
- 中间不要留空格

小码哥教育 SEEMYGO

ul>li*5

```
<ul>
    <li></li>
    <li></li>
    <li></li>
    <li></li>
    <li></li>
</ul>
```

div+div>p>span+em^h1

```
<div></div>
<div>
    <p><span></span><em></em></p>
    <h1></h1>
</div>
```

div+div>p>span+em^^^^h1

```
<div></div>
<div>
    <p><span></span><em></em></p>
</div>
<h1></h1>
```

```
<!-- ^再多，最终也是跟第一个元素同级 -->
```

div>(header>ul>li*2>a)+footer>p

```html
<div>
    <header>
        <ul>
            <li><a href=""></a></li>
            <li><a href=""></a></li>
        </ul>
    </header>
    <footer>
        <p></p>
    </footer>
</div>
```

(div>dl>(dt+dd)*3)+footer>p

```html
<div>
    <dl>
        <dt></dt>
        <dd></dd>
        <dt></dt>
        <dd></dd>
        <dt></dt>
        <dd></dd>
    </dl>
</div>
<footer>
    <p></p>
</footer>
```

属性

div#header+div.page+div#footer.class1.class2.class3

```html
<div id="header"></div>
<div class="page"></div>
<div id="footer" class="class1 class2 class3"></div>
```

td[title=hello]

```html
<td title="hello"></td>
```

td[title="Hello world!" colspan=3]

```html
<td title="Hello world!" colspan="3"></td>
```

td[title colspan]

```html
<td title="" colspan=""></td>
```

ul>li.item$*5

```
<ul>
    <li class="item1"></li>
    <li class="item2"></li>
    <li class="item3"></li>
    <li class="item4"></li>
    <li class="item5"></li>
</ul>
```

ul>li.item$$$*5

```
<ul>
    <li class="item001"></li>
    <li class="item002"></li>
    <li class="item003"></li>
    <li class="item004"></li>
    <li class="item005"></li>
</ul>
```

$@

ul>li.item$@-*5

```html
<ul>
    <li class="item5"></li>
    <li class="item4"></li>
    <li class="item3"></li>
    <li class="item2"></li>
    <li class="item1"></li>
</ul>
```

ul>li.item$@3*5

```html
<ul>
    <li class="item3"></li>
    <li class="item4"></li>
    <li class="item5"></li>
    <li class="item6"></li>
    <li class="item7"></li>
</ul>
```

ul>li.item$@-3*5

```html
<ul>
    <li class="item7"></li>
    <li class="item6"></li>
    <li class="item5"></li>
    <li class="item4"></li>
    <li class="item3"></li>
</ul>
```

a{click}

```html
<a href="">click</a>
```

a>{click}

```html
<a href="">click</a>
```

a{click}+span{here}

```html
<a href="">click</a><span>here</span>
```

a>{click}+span{here}

```html
<a href="">click<span>here</span></a>
```

p{click}+a{here}+{to continue}

```html
<p>click</p><a href="">here</a>to continue
```

p>{click}+a{here}+{to continue}

```html
<p>click<a href="">here</a>to continue</p>
```

```
<div>
    .wrap>.content
</div>
```

```
<div>
    <div class="wrap">
        <div class="content"></div>
    </div>
</div>
```

```
ul>.item*3
```

```
<ul>
    <li class="item"></li>
    <li class="item"></li>
    <li class="item"></li>
</ul>
```

```
<span> .item </span>
```

```
<span> <span class="item"></span> </span>
```

```
<em> .item </em>
```

```
<em> <span class="item"></span> </em>
```

```
<ul>
    .item
</ul>
```

```
<ul>
    <li class="item"></li>
</ul>
```

隐式标签

```
table>#row$*4>[colspan=2]
```

```html
<table>
    <tr id="row1">
        <td colspan="2"></td>
    </tr>
    <tr id="row2">
        <td colspan="2"></td>
    </tr>
    <tr id="row3">
        <td colspan="2"></td>
    </tr>
    <tr id="row4">
        <td colspan="2"></td>
    </tr>
</table>
```

```html
<table>
    .item
</table>
```

```html
<table>
    <tr class="item"></tr>
</table>
```

```html
<table>
    <tr class="item">
        .next
    </tr>
</table>
```

```html
<table>
    <tr class="item">
        <td class="next"></td>
    </tr>
</table>
```

小码哥教育 SEEMYGO

w100
```
width: 100px;
```

w20+h30+m40
```
width: 20px;
height: 30px;
margin: 40px;
```

m20-30-40-50
```
margin: 20px 30px 40px 50px;
```

p-10-20--30
```
padding: -10px 20px -30px;
```

fz20
```
font-size: 20px;
```

fz1.5
```
font-size: 1.5em;
```

m10px20px
```
margin: 10px 20px;
```

m10px-20
```
margin: 10px -20px;
```

```
fw400 → font-weight: 400;
```

```
lh2 → line-height: 2;
```

```
p → %
e → em
x → ex
```

```
w100p → width: 100%
m10p30e5x → margin: 10% 30em 5ex
```

```
c#3 → color: #333;
```

```
#1 → #111111
#e0 → #e0e0e0
#fc0 → #ffcc00
```

bd1#cs
```
border: 1px #cccccc solid;
```

p20-30!+m10!
```
padding: 20px 30px !important;
margin: 10px !important;
```

snippets.json

- 更多语法规则，可以参考snippets.json
- https://github.com/emmetio/emmet/blob/master/lib/snippets.json

```
"a": "<a href=\"\">",
"a:link": "<a href=\"http://|\">",
"a:mail": "<a href=\"mailto:|\">",
```

```
"ov:v": "overflow:visible;",
"ov:h": "overflow:hidden;",
"ov:s": "overflow:scroll;",
"ov:a": "overflow:auto;",
```

```
"fl": "float:${1:left};",
"fl:n": "float:none;",
"fl:l": "float:left;",
"fl:r": "float:right;",
"cl": "clear:${1:both};",
"cl:n": "clear:none;",
"cl:l": "clear:left;",
"cl:r": "clear:right;",
"cl:b": "clear:both;",
```

```
"bq": "blockquote",
"fig": "figure",
"figc": "figcaption",
"pic": "picture",
"ifr": "iframe",
"emb": "embed",
"obj": "object",
"cap": "caption",
"colg": "colgroup",
"fst": "fieldset",
"btn": "button",
```

```
"input:number": "inp[type=number]",
"input:color": "inp[type=color]",
"input:c|input:checkbox": "inp[type=checkbox]",
"input:r|input:radio": "inp[type=radio]",
"input:range": "inp[type=range]",
"input:f|input:file": "inp[type=file]",
"input:s|input:submit": "<input type=\"submit\" value=\"\" />",
"input:i|input:image": "<input type=\"image\" src=\"\" alt=\"\" />",
"input:b|input:button": "<input type=\"button\" value=\"\" />",
```