2018-03-07

今日单词：

1. widget

英 [ˈwɪdʒɪt] 美 [ˈwɪdʒɪt]

n.小器具，装饰品，窗口小部件

复数： widgets

1. 快速开始
2. CSS

引入

<link rel="stylesheet" href="https://cdn.bootcss.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

1. JS

注意顺序，jQuery 必须放在最前面，然后是 Popper.js，最后是我们自己的 JavaScript 插件

<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.bootcss.com/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.bootcss.com/bootstrap/4.0.0/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl" crossorigin="anonymous"></script>

1. Viewport让页面正确支持响应式布局

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

1. BootStrap要求设置HTML5 doctype

<!doctype html>

<html lang="en">

...

</html>

1. 盒模型

为了在 CSS 中更直观的设置尺寸，我们将全局的 box-sizing 值从 content-box 修改为 border-box。这就确保了 padding 不会影响元素最终的宽度计算，但是这可能会导致第三方组件出现问题，例如 Google 地图和 Google 定制搜索。

.selector-for-some-widget {

box-sizing: content-box;

}

嵌套元素（包括通过 ::before and ::after 生成的内容）都将继承 .selector-for-some-widget 指定的 box-sizing 值。

1. Reboot

为了改善跨浏览器的渲染，我们使用 [Reboot](https://v4.bootcss.com/docs/4.0/content/reboot/) 修正跨浏览器和设备之间的不一致性，同时对常用的 HTML 元素设置统一的效果。

1. Overview
2. Containers
3. .container意味它的最大宽度会在每个breakpoint变化
4. .container-fluid意味它的宽度总是100%
5. Responsive breakpoints

-------------------------------------------------------------------------------

// Extra small devices (portrait phones, less than 576px)

// No media query since this is the default in Bootstrap

// Small devices (landscape phones, 576px and up)

@media (min-width: 576px) { ... }

// Medium devices (tablets, 768px and up)

@media (min-width: 768px) { ... }

// Large devices (desktops, 992px and up)

@media (min-width: 992px) { ... }

// Extra large devices (large desktops, 1200px and up)

@media (min-width: 1200px) { ... }

-------------------------------------------------------------------------------

@include media-breakpoint-up(xs) { ... }

@include media-breakpoint-up(sm) { ... }

@include media-breakpoint-up(md) { ... }

@include media-breakpoint-up(lg) { ... }

@include media-breakpoint-up(xl) { ... }

// Example usage:

@include media-breakpoint-up(sm) {

.some-class {

display: block;

}

}

-------------------------------------------------------------------------------

// Extra small devices (portrait phones, less than 576px)

@media (max-width: 575.98px) { ... }

// Small devices (landscape phones, less than 768px)

@media (max-width: 767.98px) { ... }

// Medium devices (tablets, less than 992px)

@media (max-width: 991.98px) { ... }

// Large devices (desktops, less than 1200px)

@media (max-width: 1199.98px) { ... }

// Extra large devices (large desktops)

// No media query since the extra-large breakpoint has no upper bound on its width

-------------------------------------------------------------------------------

@include media-breakpoint-down(xs) { ... }

@include media-breakpoint-down(sm) { ... }

@include media-breakpoint-down(md) { ... }

@include media-breakpoint-down(lg) { ... }

-------------------------------------------------------------------------------

1. 栅格参数
2. .col-xs-
3. .col-sm-
4. .col-md-
5. .col-lg-