Media Queries

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- Media queries allow the style to depend upon the media properties

- CSS 2.1 used media types

```
<link rel="stylesheet"… href="style.css" media="screen" />
<link rel="stylesheet"… href="print.css" media="print" />
```

CSS3

- CSS3 increased the capabilities. Style can depend on many features
  - width, height, orientation, resolution, …

- Boolean operators can also be applied to increase power

The two query components

1. A media type
   - screen, print, all, …
2. The actual query of a media feature and "trigger" size
   - width, height, orientation, resolution, …

screen and (max-device-width: 480px) and (resolution: 163dpi)

How to implement media queries

- Use the @import rule
  @import url(smallstyle.css) screen and (min-width:600px)

- Put media query directly in the style sheet
  @media screen and (min-width:500px){..}

- Include query in the link
  <link rel = "stylesheet" media = "screen and (min-width: 400px)"> and (orientation: portrait)>

Review

```
@media screen and (min-width:500px){
    p.desc {
            display: block;
            font-size: 150%; }
    }
@media screen and (min-width:900px){
    p.desc {
            display: inline-block;
            width: 35%;
            font-size:125%; }
    }
```

Acknowledgements/Contributions

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