Selecting the right selector

Taking Advantage of Advanced CSS Selectors in MadCap Flare

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Agenda

1. Basic CSS review
2. CSS in Flare stylesheet editor
3. CSS selector demonstration
4. Creating advanced selectors in Flare
5. Examples from real projects
Anatomy of a CSS rule

Selector → h1

Declaration → 

{ color: blue; }

Property → color

Value → blue

The selector points to the HTML element you want to style.
Flare CSS Editor

Selectors

Properties

Values
Flare CSS editor view

Text editor view

```css
h1 {
  font-size: 24.0pt;
  font-weight: bold;
}
```
<html>
<body>
<h1>Installation</h1>
</body>
</html>

h1 {
  color: blue;
  font-family: Verdana;
  font-weight: bold;
}
# Dozens of types of CSS selectors

## Commonly used in Flare projects

<table>
<thead>
<tr>
<th>Type</th>
<th>Example CSS Selector</th>
</tr>
</thead>
<tbody>
<tr>
<td>p</td>
<td></td>
</tr>
<tr>
<td>p.Note</td>
<td></td>
</tr>
<tr>
<td>p#Intro</td>
<td></td>
</tr>
<tr>
<td>a:active</td>
<td></td>
</tr>
<tr>
<td>a:focus</td>
<td></td>
</tr>
<tr>
<td>a:hover</td>
<td></td>
</tr>
<tr>
<td>a:link</td>
<td></td>
</tr>
<tr>
<td>a:visited</td>
<td></td>
</tr>
<tr>
<td>.Highlight</td>
<td></td>
</tr>
<tr>
<td>ol ol</td>
<td></td>
</tr>
<tr>
<td>div.Figure &gt; p</td>
<td></td>
</tr>
<tr>
<td>p ~ span</td>
<td></td>
</tr>
<tr>
<td>h1.chapterHead + p</td>
<td></td>
</tr>
<tr>
<td>span[class^=&quot;SearchHighlight&quot;]</td>
<td></td>
</tr>
<tr>
<td>a[href$=&quot;.pdf&quot;]</td>
<td></td>
</tr>
<tr>
<td>:nth-child</td>
<td></td>
</tr>
<tr>
<td>:nth-last-child</td>
<td></td>
</tr>
<tr>
<td>:first-child</td>
<td></td>
</tr>
</tbody>
</table>

## Less commonly used

<table>
<thead>
<tr>
<th>Type</th>
<th>Example CSS Selector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generic</td>
<td>.Highlight</td>
</tr>
<tr>
<td>Descendant</td>
<td>ol ol</td>
</tr>
<tr>
<td>Child</td>
<td>div.Figure &gt; p</td>
</tr>
<tr>
<td>General sibling</td>
<td>p ~ span</td>
</tr>
<tr>
<td>Adjacent sibling</td>
<td>h1.chapterHead + p</td>
</tr>
<tr>
<td>Attribute</td>
<td>span[class^=&quot;SearchHighlight&quot;] a[href$=&quot;.pdf&quot;]</td>
</tr>
<tr>
<td>Additional pseudo classes</td>
<td>:nth-child :nth-last-child :first-child</td>
</tr>
</tbody>
</table>
CSS Selector Demo

See http://codepen.io/smartoutput for demo samples
Creating complex selectors in Flare
Example: List Item styles for landing page tile

- Link section in tile:
  ```
  div.ModuleLinks
  ```

- Unordered list in link section:
  ```
  div.ModuleLinks ul
  ```

- List items in unordered list:
  ```
  div.ModuleLinks ul li
  ```
Example: Background Images in TopNav

Selector to set base styles:
ul.navigation > li:nth-child(1)

Selectors to determine styles on mouse hover:
ul.navigation > li:nth-child(1):hover
ul.navigation > li:hover > a

Selector to determine styles after user clicks the nav item:
ul.navigation > li:nth-child(1) > a.selected
Dev Tools Demo
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