

SYNERGY • 20
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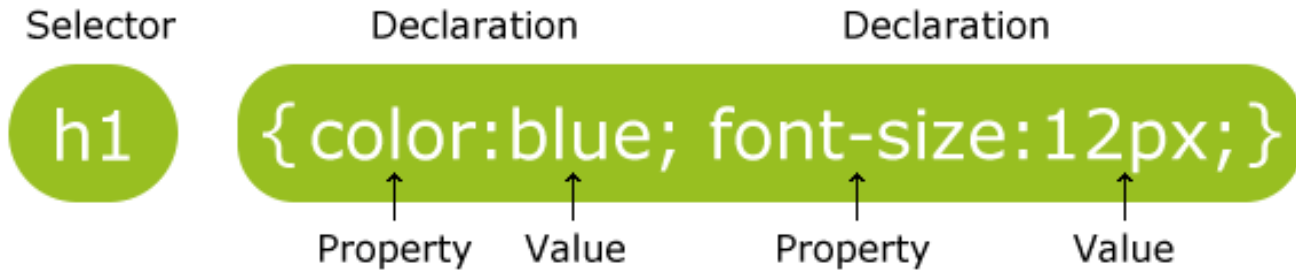
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DataFlex Web Application Symposium – Part 8
Styling your Web Application

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CSS

- Select DOM elements
 - Selector
- Apply properties



Selector Basics

- Select elements by:

- Tagnames

```
div{ .. }
```

```
<div>..</div>
```

- Classnames

```
.foo{ .. }
```

```
<div class="foo">..</div>
```

- ID's

```
#bar{ .. }
```

```
<div id="bar">..</div>
```

Selector Basics

- Combine

```
div.foo{ .. }
```

```
<div class="foo">..</div>
```

- Nested elements

```
div.foo div{ .. }
```

```
<div class="foo">  
  <div>..</div>  
</div>
```

- Direct child

```
div.foo > div{ .. }
```

```
<div class="foo">  
  <div>..</div>  
</div>
```

Framework selectors

- Logic
 - Control classname
 - Look at theme.css
- Find using FireBug

```
.WebForm.Web_Enabled .WebFrm_Prompt: hover {  
    border: 1px solid #ADB967;  
    background-color: #C4D274;  
}
```

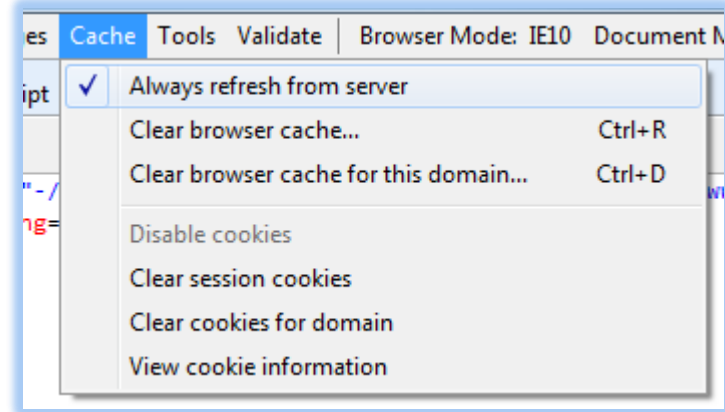
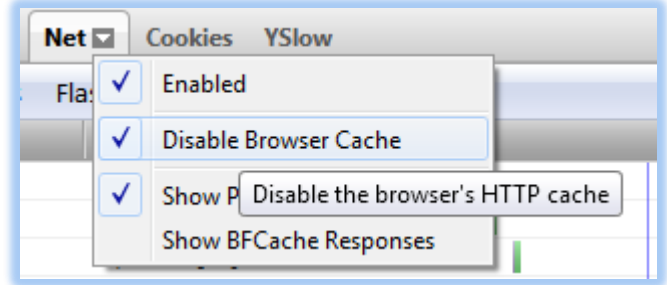
Application styles

- Placed in AppHtml\CssStyle\Application.css
 - Included by the framework
- Override / augment theme CSS
- Add custom classes
 - Set psCSSClass on control
- Make stronger using ID
 - CSS Precedence
 - **#OWEBAPP**

Demo..

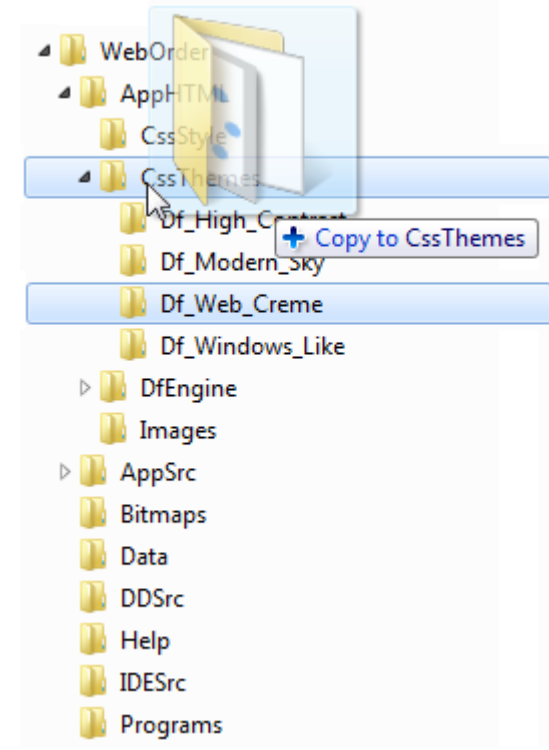
Browser Caching

- Don't see your changes ☹️
- Framework includes CSS from JavaScript
 - Browser doesn't see it as part of page reload (Ctrl – F5)
- Disable browser cache
- Preload the theme



Creating a new theme...

- When?
 - If you override too many styles in your application.css
- How?
 - Copy existing theme folder
 - Change Theme.css & Images
 - Change psTheme property on oWebApp



Demo...

Roel Fermont will continue from a designers perspective...

THE DESIGNER PERSPECTIVE