Extreme CSS Techniques

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In this presentation, I will demonstrate expert-level CSS techniques, including how to use future CSS features today. We will discuss what's being developed in the latest CSS recommendations, what works now, and tricks that can be used to make next-level CSS work in MadCap Flare and in today's browsers.

Overview

- What's new in CSS
- How to track CSS developments
- Examples
- Where to find cool CSS tricks
- Sample project

What's new in CSS?

- Inline CSS (HTML 5.2)
- ::grammar-error pseudo element
- ::spelling-error pseudo element
- :fullscreen (aka full-screen) pseudo class
- scroll-snap property
- calc() function
- @supports feature query
- variables

How to track CSS developments

Specifications

- w3.org/Style/CSS
- ishoudinireadyyet.com

Browser support

caniuse.com

Examples

I will demonstrate the following CSS features:
- @supports feature query
- ::before and ::after pseudo elements
- calc() function
- content with data attributes
- position:fixed for print targets
- transform property
- transition property
- variables

Examples – adding features to Flare

I will demonstrate the following Flare-specific CSS techniques:
- Condition tags – formatting tagged content in print targets
- Condition tags – popup tag labels in HTML5 targets
- Drop-downs and togglers – auto-hiding in print targets
- TopNav menu – animated hover underlining
- Variables and snippets – formatting in Flare's XML Editor

Where to find cool CSS examples

General CSS tips/tricks and examples

- codepad.co
- codepen.com
- css-tricks.com
- cssdeck.com
- lea.verou.me
- littlesnippets.net
- w3schools.com/w3css

Flare-specific

- forums.madcapsoftware.com/viewforum.php?f=6
- madcapsoftware.com/blog
- madcapsoftware.com/resources/live-webinars.aspx

Sample project

I have created a sample project to demonstrate the CSS examples. You can download it at:
goo.gl/YFCFkD

About the presenter

Scott DeLoach is the Founder of Click**Start**, where he provides training and consulting for MadCap Flare, embedded user assistance, JavaScript/jQuery, CSS, and HTML5. He has been developing browser-based help systems for 20+ years, and he has received four Best in Show awards for his work from STC.

Scott is a certified Flare and Doc-to-Help instructor, and he is the author of *MadCap Flare 2018: The Definitive Guide*, *CSS to the Point*, and *HTML5 to the Point*. For more information about Scott's books see www.lulu.com/clickstart.

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