

Dynamic Presentations using ColdFusion 8

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What will be Covered

- ✓ Understanding <cfpresentation>
- ✓ Introducing <cfpresentationslide>
- ✓ Some basic examples
- ✓ Setting Play and Control Options
- ✓ Embedding Content
- ✓ Styling your presentation
- ✓ Adding Presenters
- ✓ Saving your presentation

About the Presenter

- ✓ 8 yrs CF Experience
- ✓ Application Developer – Lucidus.net
- ✓ Author/Partner – CommunityMx.com
- ✓ Instructor – University of Nevada Las Vegas
- ✓ Adobe User Group Manager – Las Vegas
- ✓ Frequent speaker: Conferences

Understanding CFPresentation

- ✓ What is CFPresentation
 - Dynamically generated presentations
 - Must consist of at least one slide <cfpresentationslide>
 - Determines structure, control and location of presentation

Understanding CFPresentation

- ✓ <cfpresentation> attributes
 - title - Specifies the title of the presentation.
 - autoplay - Determines whether the presentation starts automatically. The default value is true.
 - control - Specifies the type of control to use in the presentation. Valid values are normal and brief. The default is normal.
 - controlLocation - Indicates the location of the controls. Valid values are left and right. The default is right.
 - directory - Specifies the directory in which to store the presentation. This attribute is optional; if it is not specified, the presentation will play in the browser.
 - initialTab - Indicates the selected tab in the control area. The valid values are outline, search, and notes. The default is outline.

Understanding CFPresentation

- ✓ <cfpresentation> attributes
 - loop - Specifies whether the presentation should loop. The default value is false.
 - overwrite - If the directory option is used, specifies whether the files should be overwritten. The default value is yes.
 - showNotes, showOutline, showSearch - Determine whether the Notes, Outline, and Search tabs are visible.

Introducing CFPresentationSlide

- ✓ What is CFPresentationSlide
 - Physical page or slide of presentation
 - Can be made with HTML or ColdFusion
 - Source can also be an external SWF or remote URL
 - Can also be bound to an MP3 audio track

Introducing CFPresentationSlide

- ✓ <cfpresentationSlide> attributes
 - advance - Allows you to override the autoPlay setting of <cfpresentation>. Valid values are auto, never, and click. If set to auto, the slide will automatically advance to the next slide. This will be the default if autoPlay is set to true. If set to never, the slide will not advance unless the user clicks the Advance button. If set to click, the entire slide becomes clickable, and clicking will advance the slide.
 - audio - Specifies the path to an MP3 file; cannot be used with video.
 - duration - Specifies the duration of the slide. If an MP3 file is used, the duration of the slide will default to the length of the MP3 file.
 - notes - Specifies notes to include with a slide.
 - presenter - Specifies the presenter associated with a slide.

Introducing CFPresentationSlide

- ✓ <cfpresentationSlide> attributes
 - scale - If HTML content is used for the slide, determines how much the content is scaled to fit into the presentation. Valid values are 0 to 1.
 - src - Specifies the source of the slide; used only if content is not provided in the <cfpresentationSlide> slide. This attribute can point to content at either an absolute or relative path. A remote URL can also be used. If a SWF file is used, it must be served by a ColdFusion system.
 - title - Specifies the title of the slide.
 - video - Specifies a video to use for the presenter for the slide; cannot be used with audio. The video must be a SWF or FLV file and must be local to the file system.

Some basic examples

- ✓ Example 1 – HTML Content

```
<cfpresentation title="CFUnited">
  <cfpresentationSlide title="slide 1">
    <h1>Welcome to CFUnited!</h1>
  </cfpresentationSlide>
</cfpresentation>
```

Some basic examples

- ✓ Example 2 – ColdFusion

```
<cfquery name="getSpeakers" datasource="cfunited">
select fullname, bio, headshot, topics
from speakers
</cfquery>

<cfpresentation title="CFUnited">
  <cfoutput query="getSpeakers">
    <cfpresentationSlide title="#fullname#">
      <h1>#fullname#</h1>
      <p>#bio#</p>
      <p>Topics: #topics#</p>
    </cfpresentationSlide>
  </cfoutput>
</cfpresentation>
```

Setting Play and Control Options

- ✓ Adding autoplay, control and loop attributes

```
<cfpresentation title="CFUnited"
  autoplay="true|false"
  control="normal|brief"
  loop="false|true">
  <cfoutput query="getSpeakers">
    <cfpresentationSlide title="#fullname#">
      <h1>#fullname#</h1>
      <p>#bio#</p>
      <p>Topics: #topics#</p>
    </cfpresentationSlide>
  </cfoutput>
</cfpresentation>
```

- ✓ Demo...

Embedding Content

- ✓ Adding src attribute to point to external content

```
<cfpresentation title="CFUnite">
  <cfpresentationslide title="SWF File" src="someswf.swf" />
  <cfpresentationslide title="ColdFusion Template" src="getSpeakers.cfm" />
  <cfpresentationslide title="External URL" src="http://www.google.com" />
</cfpresentation>
```

- ✓ Demo...

Styling your presentation

- ✓ Design attributes

- backgroundColor - Sets the background color for the presentation. The setting can be a hex color or named color. The default is #727971. Used in <cfpresentation>.
- glowColor - Sets the color used for the "glow" around buttons. The setting can be a hex color or named color. Used in <cfpresentation>.
- lightColor - Sets the color used for light and shadow effects. The setting can be a hex color or named color. Used in <cfpresentation>.
- primaryColor - Sets the main color for the presentation. The setting can be a hex color or named color. Used in <cfpresentation>.

Styling your presentation

- ✓ Design attributes

- shadowColor - Sets the color used for shadow effects. The setting can be a hex color or named color. Used in <cfpresentation>.
- textColor - Sets the color used for text. The setting can be a hex color or named color. Used in <cfpresentation>.
- marginTop, marginLeft, marginRight, marginBottom - Sets the margin in pixels for a slide. The default is 0. Used in <cfpresentationslide>.

- ✓ Demo...

Adding Presenters

- ✓ Introducing CFPresenter

- Ability to add one or more presenters to presentation
- CFPresentation slide points to name attribute of CFPresenter

Adding Presenters

- ✓ Presenter Attributes

- biography - Specifies an optional biography of the presenter.
- email - Specifies the email address of the presenter. If used, a Contact button is added to the control panel of the presentation.
- image - Specifies a picture of the presenter. The image must be a JPEG file and set relative to the CFM page creating the presentation. If a video is used with the slide, the video takes the place of the picture.
- name - Specifies the name of the presenter. This name will also be used to identify the presenter to slides.
- logo - Specifies the logo for the presenter's company or organization. The logo must be a JPEG file and set relative to the CFM page creating the presentation.
- title - Specifies the presenter's title, such as "Director of Marketing."

Adding Presenters

- ✓ Example – Single Presenter

```
<cfpresentation>
  <cfpresenter name="Chaz Chumley"
    email="chaz@communitymx.com"
    title="Speaker"
    image="chaz.jpg" logo="logo.jpg"
    biography="ColdFusion speaker" />
  <cfpresentationslide title="Slide 1" presenter="Chaz Chumley">
    <h1>Welcome to CFUnite!</h1>
  </cfpresentationslide>
</cfpresentation>
```

- ✓ Demo...

Saving your presentation

- ✓ Just in time compilation
- ✓ Save for later use – directory attribute
- ✓ Demo...

Additional Resources

- ✓ Adobe Documentation
 - ColdFusion 8 – CFML Reference – ColdFusion Tags
<http://livedocs.adobe.com/coldfusion/8/htmldocs/>
 - ColdFusion Demos
<http://www.adobe.com/products/coldfusion/demos/presentation/>
- ✓ CommunityMX
 - CFPresentation
- ✓ Adobe ColdFusion 8 – WACK - Volume 2
 - Publisher: Adobe Press
 - Print ISBN-10: 0-321-51546-3

Summary

- ✓ Simple to create
- ✓ Utilize existing HTML or ColdFusion templates
- ✓ Quick solution for next presentation
- ✓ Can be saved for offline use

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