ColdFusion 8 Image Processing Presentation

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- Image Processing in ColdFusion 8

    - CFIMAGE has 9 different actions

    - Over 50 Image functions were added to CF8

- Action attribute values for CFIMAGE

    - border

    - captcha

    - convert

    - info

    - read

    - resize

    - rotate

    - write

    - writeToBrowser

- Example: Resize an Image

    - <cfimage action="resize" source="sourceFile" destination="destFile" height="num" width="num">

- Example 1: Resize an Uploaded Image

- Suppose you only wanted to resize big images

    - We need to know the height and width of the uploaded image

- Get Image Info

    - <cfimage action="info" source="file" structName="x">

    - Now we can conditionally resize the image.

- Example 2: Image Info

- Example 3: Conditionally Resize an Image

- CAPTCHA

  - Whatcha talking about?

    - Completely Automated Public Turing test to tell Computers and Humans Apart

      - Really, Whatcha talking about?

- CAPTCHA

  - Used to detect if a form post came from a human, or a spam bot

  - Displays text that is hard to read

    - To foil OCR, or image to text programs.

  - CAPTCHA's are not meet accessibility standards (Section 508).

- CAPTCHA's with CFIMAGE

  - <cfimage action="captcha" text="displayed" width="50" height="300">

- Example 4: CAPTCHA Images generated by CFIMAGE

- Example 5: CAPTCHA Form Example

- Image Functions

  - Create Images from Scratch

  - Add Shapes & Lines to an Image

  - Add Text to an Image

  - Overlay one image on another, side by side

  - Crop, Flip, Blur, Grayscale, Invert, Rotate

  - Get EXIF & IPTC Image Metadata

- Example 6: Build a button from scratch using Image Functions

- What if you Wanted...

  - Gradients

- Rounded Corners

- Reflection Effect

- Drop Shadows

- More...

- CFImage Effects by Foundeo

  - Then You need Foundeo's CFIMAGE Effects (http://foundeo.com/image-effects/)

- Example 7: Demo Foundeo CFImage Effects

Download Code Examples and Presentation Slides here:
http://www.petefreitag.com/presentations/cfug/cfimage/

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