

# CFIMAGE

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# Image Processing in CF8

- New CFIMAGE tag supports 9 operations
- Over 50 new image processing functions added to CF8

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# CFIMAGE Action's

- border
- captcha
- convert
- info
- read
- resize
- rotate
- write
- writeToBrowser

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# Example: Resize

```
<cfimage action="resize"  
  source="filePath"  
  destination="filePath"  
  height="n"  
  width="n">
```

# Example 1

Resize an Uploaded Image

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# What if...

- You only wanted to resize big images?

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# Image Info

- `<cfimage action="info" source="file" structName="imgInfo">`

# Example 2:

Image Info

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# Example 3:

Conditionally Resize an Image.

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# CAPTCHA

- Whatcha talkin about?
  - **C**ompletely **A**utomated **P**ublic **T**uring test to tell **C**omputers and **H**umans **A**part.

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# CAPTCHA's

- Used to detect spammers
- Displays hard to read text via an image
  - To foil OCR or image to text apps
- CAPTCHA's do not meet Section 508 Accessibility standards

# CFIMAGE CAPTCHAs

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

# Example 4:

CAPTCHA Images generated by CFIMAGE

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# Example 5:

CAPTCHA Form Example

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# Image Functions

- Create Images from Scratch
- Add Shapes & Lines to an image
- Add Text to an Image
- Overlay an Image on another Image
- Crop, Flip, Blur, Grayscale, Invert, Rotate
- Get EXIF & IPTC Image Metadata

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# Example 6:

Building a button from scratch using Image functions.

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# What if you wanted...

- Gradients
- Rounded Corners
- Reflection Effect
- Drop Shadows
- More...

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# Foundeo's CFIMAGE Effects

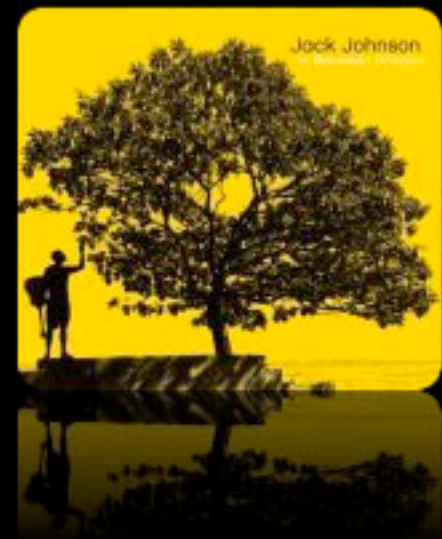
(Source Image)



(Rounded Corners Effect)



(Reflection Effect)



<http://foundeo.com/image-effects/>

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# Example 7:

Foundeo's CFIMAGE Effects

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# Questions?

Thank You.

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Company: <http://foundeo.com/>

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