AEM ACS COMMONS Solutions

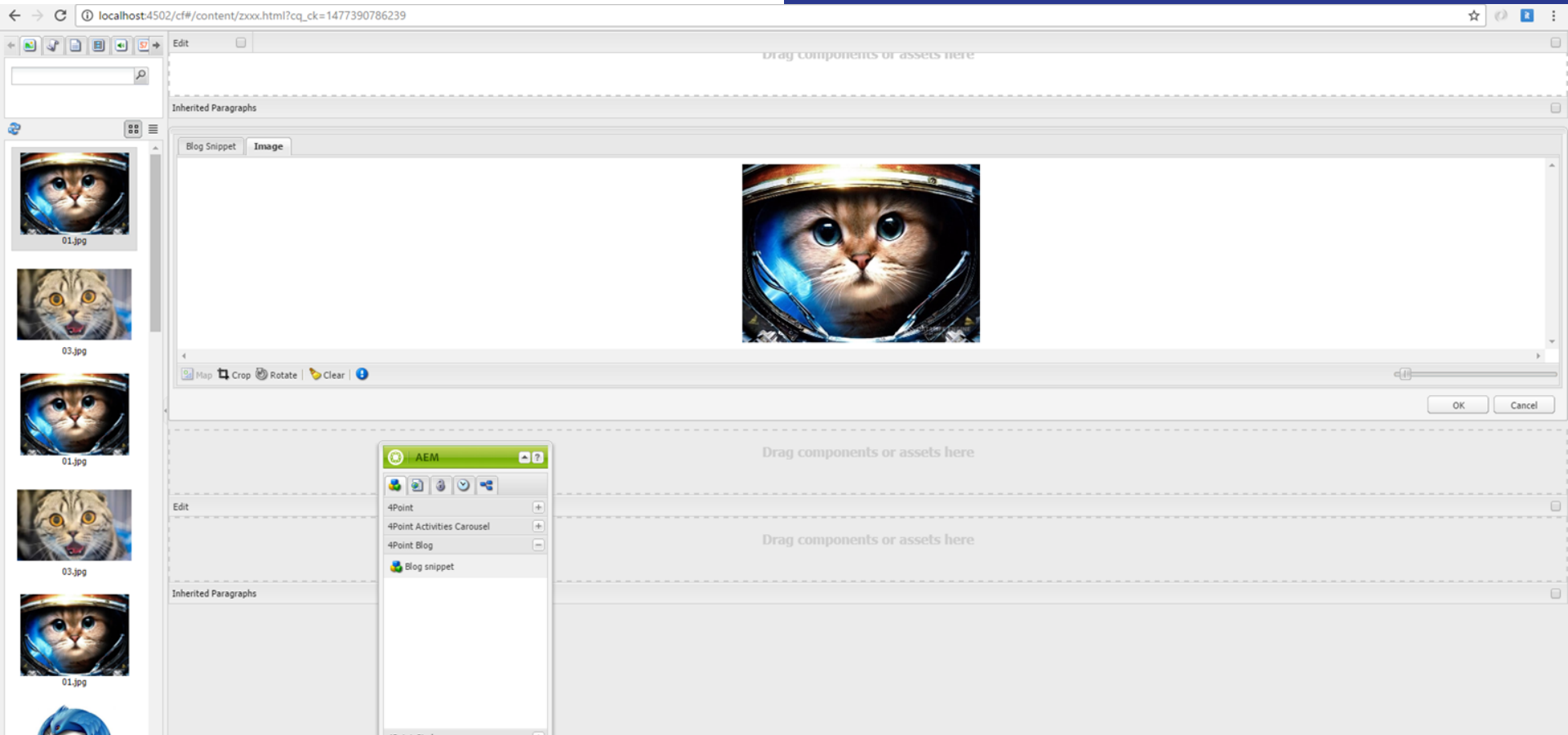## AXAMIT FAST DEVELOPING GROUP

Named Transform Image Servlet

Purpose

Many web-sites' designs demands consistency of images based on their use within components. For example, a panoramic spotlight may demand the image be 960 x 400, and bio picture must be 100 x 100 and greyscale.

The ACS AEM Commons Named Transform Image Servlet allows specific image transforms to be defined centrally via OSGi configurations. These image transforms can be easily invoked via parameterized HTTP GET requests to image resources in AEM.

HTML5SMARTIMAGE

- JSP templating

This library of foundation components can be used or extended by other libraries.

EXTJS VS MATCHING GRANITE UI COMPONENTS

When upgrading ExtJS code to use the Granite UI, the following list provides a convenient overview of ExtJS xtypes and node types with their equivalent Granite UI resource types.

ExtJS xtype	Granite UI resource type
button	granite/ui/components/foundation/form/button
checkbox	granite/ui/components/foundation/form/checkbox
componentstyles	cq/gui/components/authoring/dialog/componentstyles
cqinclude	granite/ui/components/foundation/include
datetime	granite/ui/components/foundation/form/datepicker
dialogfieldset	granite/ui/components/foundation/form/fieldset
hidden	granite/ui/components/foundation/form/hidden
html5smartfile, html5smartimage	granite/ui/components/foundation/form/fileupload
multifield	granite/ui/components/foundation/form/multifield
numberfield	granite/ui/components/foundation/form/numberfield
pathfield, paragraphreference	granite/ui/components/foundation/form/pathbrowser
selection	granite/ui/components/foundation/form/select
sizefield	cq/gui/components/authoring/dialog/sizefield
tags	granite/ui/components/foundation/form/autocomplete cq/gui/components/common/datasources/tags
textarea	granite/ui/components/foundation/form/textarea
textfield	granite/ui/components/foundation/form/textfield

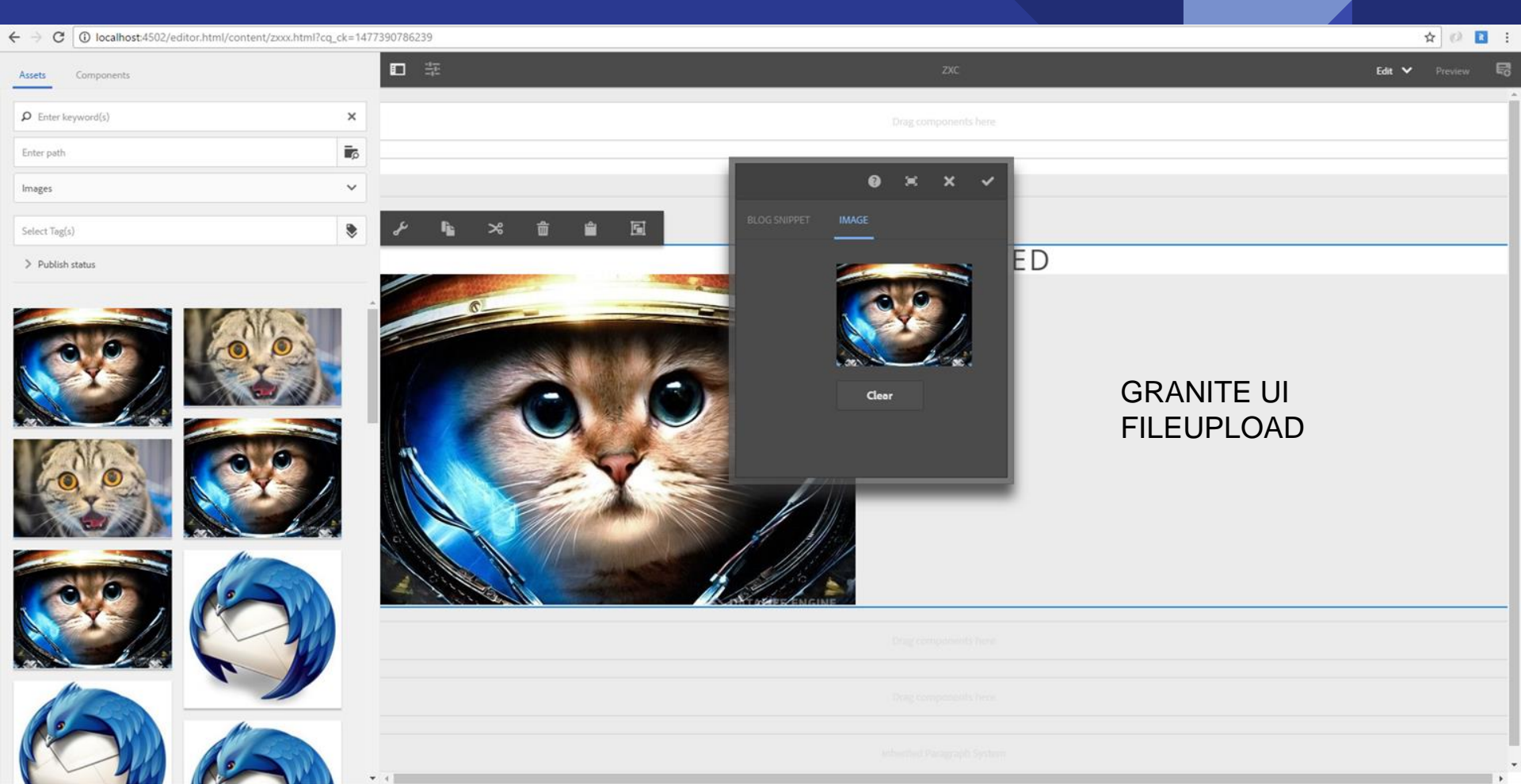| Node type	Granite UI resource type
cq:WidgetCollection	granite/ui/components/foundation/container
cq:TabPanel	granite/ui/components/foundation/container granite/ui/components/foundation/layouts/tabs
cq:panel	granite/ui/components/foundation/container

Was this helpful?

○ Yes   ○ No

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Any questions?

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GRANITE UI
FILEUPLOAD

Previous topic
FieldSet

Next topic
Hidden

This Page
Show Source

Quick search

[ ] Go

Enter search terms or a module, class or function name.

FileUpload

`/libs/granite/ui/components/foundation/form/fileupload`
A field component to upload file.

It has the following content structure:

`[granite:FormFileUpload]`

- **id** (string)
  The id attribute.

- **rel** (string)
  The class attribute. This is used to indicate the semantic relationship of the component similar to `rel` attribute.

- **class** (string)
  The class attribute.

- **title** (string)

  i18n

  The title attribute.

ROTATE ?
CROP ??
404

smart

API Documentation
- CQ
  - Ext
    - layout
  - collab
  - dam
  - form
    - rte
      - SmartFile
      - SmartImage
  - html5
    - form
      - SmartFile
      - **SmartImage**
  - themes
    - SmartFile
    - SmartImage
  - wcm
    - msm

border : Boolean   ⬆ Panel
True to display the borders of the panel's body element, false to hide them (defaults to true). By default, the borde...

boxMaxHeight : Number   ⬆ BoxComponent
The maximum value in pixels which this BoxComponent will set its height to. Warning: This will override any size mana...

boxMaxWidth : Number   ⬆ BoxComponent
The maximum value in pixels which this BoxComponent will set its width to. Warning: This will override any size manag...

boxMinHeight : Number   ⬆ BoxComponent
The minimum value in pixels which this BoxComponent will set its height to. Warning: This will override any size mana...

boxMinWidth : Number   ⬆ BoxComponent
The minimum value in pixels which this BoxComponent will set its width to. Warning: This will override any size ma...

bubbleEvents : Array   ⬆ Component
An array of events that, when fired, should be bubbled to any parent container. See CQ.Ext.util.Observable.enableBubb...

bufferResize : Boolean/Number   ⬆ Container
When set to true (50 milliseconds) or a number of milliseconds, the layout assigned for this container will buffer th...

buttonAlign : String   ⬆ Panel
The alignment of any buttons added to this panel. Valid values are 'right', 'left' and 'center' (defaults to 'right').

buttons : Array   ⬆ Panel
buttons will be used as items for the toolbar in the footer (fbar). Typically the value of this configuration propert...

bwrapCfg : Object   ⬆ Panel
A DomHelper element specification object specifying the element structure of this Panel's bwrap Element. See bodyCfg ...

clearCls : String   ⬆ Component
The CSS class used to to apply to the special clearing div rendered directly after each form field wrapper to provide...

closable : Boolean   ⬆ Panel
Panels themselves do not directly support being closed, but some Panel subclasses do (like CQ.Ext.Window) or a Panel ...

cls : String   ⬆ Component

CROP
ROTATE
200

Cq-dialog
./imageCrop
./imageRotate

Mapping fields of touchUI CQ-DIALOG to classicUI DIALOG properties
=
Get same result

```xml
<size
    jcr:primaryType="nt:unstructured"
    sling:resourceType="cq/gui/components/authoring/dialog/sizefield"
    fieldLabel="Size (px)">
    <width
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/foundation/form/numberfield"
        emptyText="Width"
        min="{Long}0"
        name="./image/width"/>
    <height
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/foundation/form/numberfield"
        emptyText="Height"
        min="{Long}0"
        name="./image/height"/>
</size>
    <crop
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/foundation/form/textfield"
        fieldLabel="Crop"
        name="./image/imageCrop"/>
    <rotate
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/foundation/form/numberfield"
        fieldLabel="Rotate"
        min="{Long}0"
        name="./image/imageRotate"/>
```
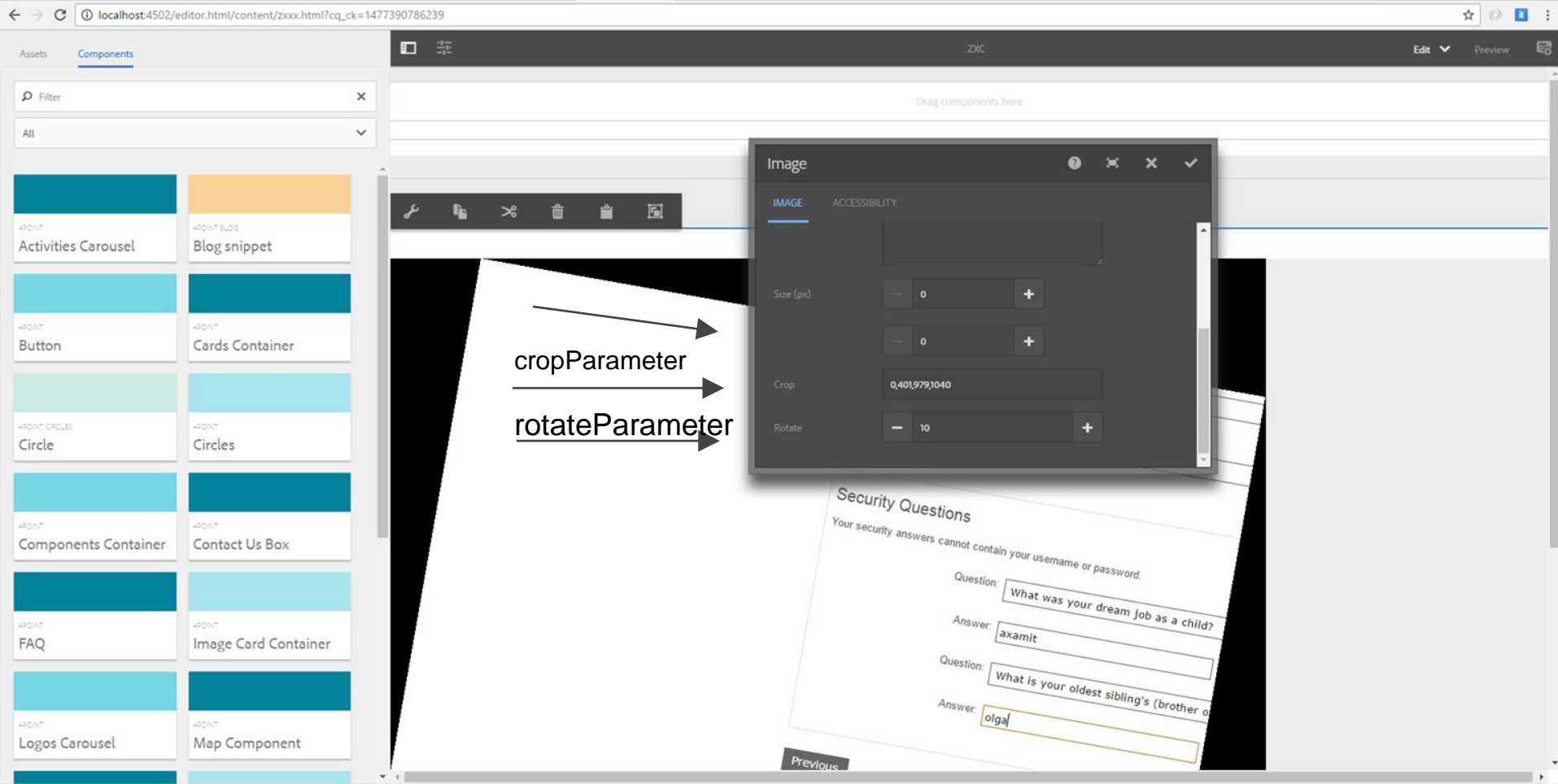
← → C | ① localhost:4502/editor.html/content/zxxx.html?cq_ck=1477390786239

Assets Components

🔍 Filter   ✕

All   ⌄

4POINT
Activities Carousel

4POINT BLOG
Blog snippet

4POINT
Button

4POINT
Cards Container

4POINT CIRCLES
Circle

4POINT
Circles

4POINT
Components Container

4POINT
Contact Us Box

4POINT
FAQ

4POINT
Image Card Container

4POINT
Logos Carousel

4POINT
Map Component

ZXC

Edit ⌄   Preview

Drag components here

Image   ❓ ⤢ ✕ ✓

IMAGE   ACCESSIBILITY

Size (px)   — 0   +

                 — 0   +

Crop   0,401,979,1040

Rotate   — 10   +

cropParameter →

rotateParameter →

Security Questions

Your security answers cannot contain your username or password.

Question: What was your dream job as a child?

Answer: axamit

Question: What is your oldest sibling's (brother o

Answer: olga|

Previous

Adobe Marketing Cloud

Ads

Help   0

Experience Manager

Search   Timeline   References   Select   Upload Assets   Create Folder

Collections   Catalogs   Card View

Projects

Sites

Apps

Publications

Forms

Assets

Screens

Personalization

Communities

Commerce

Tools

fremont_ad.png
IMAGE
300 x 250   38.4 KB

3 years ago

CHANGES ORIGINAL IMAGE

Change URL

STEP 1

STEP 2

STEP 3

URL + ".transform"

- add the .transform extension (append this even if the resource is named with an extension; like a DAM asset)

+ "/conf1name/"

- Add an initial suffix segment that matches your transform name (Ex. /my-transform)

+ "Image.jpg"

- Add a final suffix segment of /image.<image-format-extension> OR /img.<image-format-extension>

HTTP GET /content/acme/article.transform/feature/image.png

http://localhost:4502/content/geometrixx-outdoors/en/men/coats/edmonton-winter.transform/my-transform/img.png

Image component resources

HTTP GET /content/acme/article/_jcr_content/image.transform/feature/image.png

http://localhost:4502/.../fulani-nomad/jcr:content/image.transform/my-transform/img.png

DAM Assets (dam:Asset)

HTTP GET /content/dam/images/dog.jpg.transform/feature/image.jpg

DAM Asset Renditions

HTTP GET /content/dam/images/dog.jpg/jcr:content/renditions/thumbnail.jpg.transform/feature/image.jpg

cq5dam.thumbnail.319.319.png.transform/my-transform/img.jpg

"Raw" Binary Images (nt:file or nt:resource)

Greyscale

Converts the image to greyscale.

~~Resize~~

~~Resizes the image to the specified width and/or height.~~

~~Rotate~~

~~Rotates the image.~~

~~Crop~~

~~Crops the image to the specified bounds.~~

Adjust Brightness/Contrast

Adjusts the brightness and contrast of the image.

Multiply Blend (v.1.8.0+)

multiply:alpha=.75&color=3366FF

Red/Green/Blue Shift (v.1.8.0+)

rgb-shift:red=.5&green=.25&blue=-.60

Quality (v.1.9.0+)

quality:quality=75

Scale (v.2.1.0+)

scale:scale=.75

Letter/Pillar Box (v.2.1.0+)

brightness=[-255 .. 255] (dark to light)

contrast=[positive float] (1.0 does not change contrast. < 1.0 lower contrast. > 1.0 enhance contrast.)

localhost:4502/crx/de/index.jsp#/apps/acs-commons/config/myconfig1

CRXDE Lite

Save All | Create ... | Delete | Copy | Paste | Move ... | Rename ... | Overlay Node ... | Team | Mixins ... | Tools

admin@crx.default

/apps/acs-commons/config/myconfig1

Home

CRXDE Lite

Conte

- /
  - apps
    - acs-commons
      - authoring
      - components
      - config
        - myconfig1
        - put-your-configs-here.txt
      - datasources
      - extensions
      - granite
      - install
      - rte-plugins
      - sightly
      - templates
      - touchui-widgets
      - widgets
    - commerce
    - community-components

Properties	Access Control	Replication	Console

	Name ▲	Type	Value	Protected	Mandatory
1	jcr:created	Date	201...	true	false
2	jcr:createdBy	String	admin	true	false
3	jcr:primaryType	Name	slin...	true	true
4	name	String	my-...	false	false
5	transforms	String[]	resi...	false	false

Name | Type | String | Value | Multi | Add

http://localhost:4502/content/dam/geometrixx-outdoors/brand/team/brand_2_c04.jpg

ACS AEM Commons - Named Image Transformer Factory

Instances of this factory define registered Named Image transformers which are comprised of ordered, parameter-ized image transformers.

Transform Name	my-transform
	Name of Transform. (name)
Image Transformers	letter-pillar-box:width=1000&height=500&alpha=.65&color=FFFF00
	multiply:alpha=.75&red=51&green=102&blue=255
	Transform in the format [image-transformer-type:key1=val1&key2=val2] Order of transform rules dictates order of application. (tra...

Configuration Information

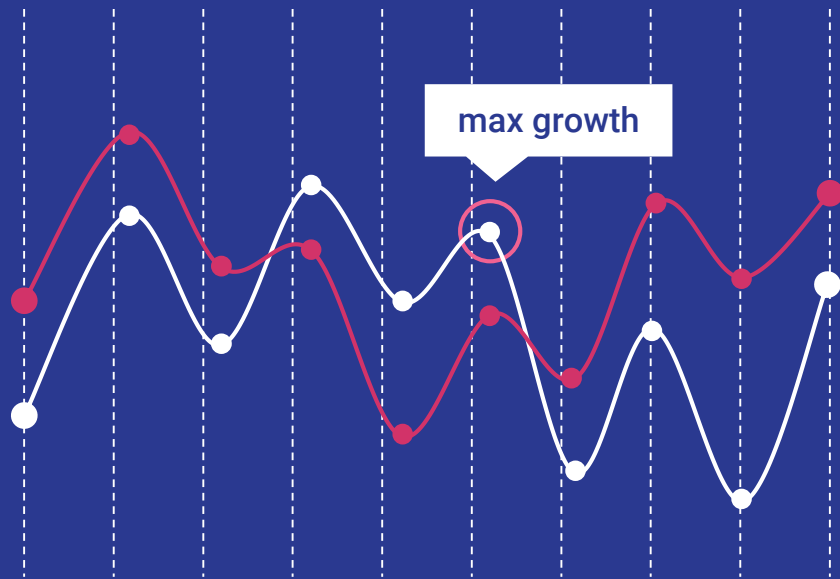| Persistent Identity (PID)	com.adobe.acs.commons.images.impl.NamedImageTra...
Factory Persistent Identifier (Factory PID)	com.adobe.acs.commons.images.impl.NamedImageTra...
Configuration Binding	jcrinstall:/apps/acs-commons/install/acs-aem-common...
	ACS AEM Commons Bundle (com.adobe.acs.acs-aem-c...

brand_2_c04.jpg.transform/my-transform/img.jpg

Also we can use several configurations at same time:

….. .transform/conf1/.../conf2/img.jpg

но эта штука настраивается цифрами через OSGI, что нормально админу или разработчику
а вот авторам нужны визуальные инструменты

Можно использовать ее в качестве бекенда, но визуализацию нужно делать самому

max growth

SPASIBO ZA VNIMANIE