

# MEDIAOPTION

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Supported Clients

SmartClient WebClient NGClient

| Constants Summary |            |                                                                                  |
|-------------------|------------|----------------------------------------------------------------------------------|
| Number            | CROP       | Constant used when setting the media option for components which display images. |
| Number            | ENLARGE    | Constant used when setting the media option for components which display images. |
| Number            | KEEPASPECT | Constant used when setting the media option for components which display images. |
| Number            | REDUCE     | Constant used when setting the media option for components which display images. |

## Constants Details

**CROP**  
Constant used when setting the media option for components which display images. Makes the image be displayed at its original size. If the component is smaller than the image, then only a part of the image will show up.

Returns

Number

Supported Clients  
SmartClient,WebClient,NGClient  
Sample

```
var bigBytes = plugins.file.readFile('d:/big.jpg');
var bigImage = solutionModel.newMedia('big.jpg', bigBytes);
var smallBytes = plugins.file.readFile('d:/small.jpg');
var smallImage = solutionModel.newMedia('small.jpg', smallBytes);
var smallLabelWithBigImageCrop = form.newLabel('', 130, 10, 50, 50);
smallLabelWithBigImageCrop.imageMedia = bigImage;
smallLabelWithBigImageCrop.background = 'yellow';
smallLabelWithBigImageCrop.mediaOptions = SM_MEDIAOPTION.CROP;
var bigLabelWithSmallImageCrop = form.newLabel('', 10, 290, 200, 100);
bigLabelWithSmallImageCrop.imageMedia = smallImage;
bigLabelWithSmallImageCrop.background = 'yellow';
bigLabelWithSmallImageCrop.mediaOptions = SM_MEDIAOPTION.CROP; // This does not do any cropping actually if the
label is larger than the image.
```

**ENLARGE**  
Constant used when setting the media option for components which display images. Makes the image be scaled up to fit the size of the component, if the component is larger than the image. Can be used in combination with KEEPASPECT in order to preserve the aspect ratio of the image.

It can also be used in combination with REDUCE, to cover all possibilities when the size of the component is not known upfront.

Returns

Number

Supported Clients  
SmartClient,WebClient,NGClient

**Sample**

```
var smallBytes = plugins.file.readFile('d:/small.jpg');
var smallImage = solutionModel.newMedia('small.jpg', smallBytes);
var bigLabelWithSmallImageEnlargeKeepAspect = form.newLabel('', 10, 70, 200, 100);
bigLabelWithSmallImageEnlargeKeepAspect.imageMedia = smallImage;
bigLabelWithSmallImageEnlargeKeepAspect.background = 'yellow';
bigLabelWithSmallImageEnlargeKeepAspect.mediaOptions = SM_MEDIAOPTION.ENLARGE | SM_MEDIAOPTION.KEEPASPECT;
var bigLabelWithSmallImageEnlargeNoAspect = form.newLabel('', 10, 180, 200, 100);
bigLabelWithSmallImageEnlargeNoAspect.imageMedia = smallImage;
bigLabelWithSmallImageEnlargeNoAspect.background = 'yellow';
bigLabelWithSmallImageEnlargeNoAspect.mediaOptions = SM_MEDIAOPTION.ENLARGE;
```

**KEEPASPECT**

Constant used when setting the media option for components which display images. Can be used in combination with REDUCE and/or ENLARGE, to maintain the aspect ratio of the image while it is scaled down or up.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var bigBytes = plugins.file.readFile('d:/big.jpg');
var bigImage = solutionModel.newMedia('big.jpg', bigBytes);
var smallBytes = plugins.file.readFile('d:/small.jpg');
var smallImage = solutionModel.newMedia('small.jpg', smallBytes);
var smallLabelWithBigImageReduceKeepAspect = form.newLabel('', 10, 10, 50, 50);
smallLabelWithBigImageReduceKeepAspect.imageMedia = bigImage;
smallLabelWithBigImageReduceKeepAspect.background = 'yellow';
smallLabelWithBigImageReduceKeepAspect.mediaOptions = SM_MEDIAOPTION.REDUCE | SM_MEDIAOPTION.KEEPASPECT;
var bigLabelWithSmallImageEnlargeKeepAspect = form.newLabel('', 10, 70, 200, 100);
bigLabelWithSmallImageEnlargeKeepAspect.imageMedia = smallImage;
bigLabelWithSmallImageEnlargeKeepAspect.background = 'yellow';
bigLabelWithSmallImageEnlargeKeepAspect.mediaOptions = SM_MEDIAOPTION.ENLARGE | SM_MEDIAOPTION.KEEPASPECT;
```

**REDUCE**

Constant used when setting the media option for components which display images. Makes the image be scaled down to fit the size of the component, if the component is smaller than the image. It can be used in combination with KEEPASPECT in order to preserve the aspect ratio of the image.

It can also be used in combination with ENLARGE, to cover all possibilities when the size of the component is not known upfront.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var bigBytes = plugins.file.readFile('d:/big.jpg');
var bigImage = solutionModel.newMedia('big.jpg', bigBytes);
var smallLabelWithBigImageReduceKeepAspect = form.newLabel('', 10, 10, 50, 50);
smallLabelWithBigImageReduceKeepAspect.imageMedia = bigImage;
smallLabelWithBigImageReduceKeepAspect.background = 'yellow';
smallLabelWithBigImageReduceKeepAspect.mediaOptions = SM_MEDIAOPTION.REDUCE | SM_MEDIAOPTION.KEEPASPECT;
var smallLabelWithBigImageReduceNoAspect = form.newLabel('', 70, 10, 50, 50);
smallLabelWithBigImageReduceNoAspect.imageMedia = bigImage;
smallLabelWithBigImageReduceNoAspect.background = 'yellow';
smallLabelWithBigImageReduceNoAspect.mediaOptions = SM_MEDIAOPTION.REDUCE;
```