

Y! YUI Library: ImageCropper Control

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v2.9

Simple Use Case: YAHOO.widget.ImageCropper

Markup:

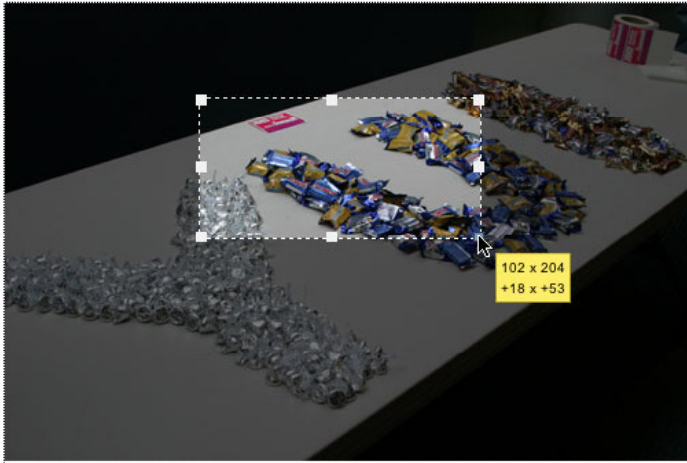
```

```

Script:

```
crop = new YAHOO.widget.ImageCropper('crop1');
```

Using the above code will get you a rich control that looks something like this:



ImageCropper Events

See online docs for complete list of Resize events.

Event	Fires...
dragEvent	Fires when the DragDrop dragEvent is fired.
startResizeEvent	Fires when a resize action is started.
resizeEvent	Fires on event element resize
moveEvent	Fires on every element move. Inside these methods: <code>_handleKeyPress</code> , <code>_handleDragEvent</code> , <code>_handleResizeEvent</code>

All ImageCropper events are Custom Events (see Element docs); subscribe to these events using their subscribe method: `crop.on('resize', fnMyHandler);`.

Key ImageCropper Configuration Options

See online docs for complete list of ImageCropper configuration options.

Option	Default	Description
initHeight	1/4 of the image height	Set the initial height of the crop area.
initWidth	1/4 of image width	Set the initla width of the crop area.
initialXY	[10,10]	Array of the XY position that we need to set the crop element to when we build it.
keyTick	1	The pixel tick for the arrow keys.
ratio	false	Constrain the resize to a ratio of the current size.
status	True	Show the Resize Utility status.

Most of ImageCropper's options can be set in the constructor's second argument (eg, `{ratio: true}`) or at runtime via `set` (eg, `crop.set("ratio", true);`).

Getting the crop area

```
//set up a new cropper
var cropImg = new YAHOO.widget.ImageCropper('img1');
//get the crop area
var cropArea = cropImg.getCropCoords();

// cropArea now looks like this:

{
  top: 70,
  left: 122,
  height: 86,
  width: 172,
  image: 'yui.jpg'
}
```

YAHOO.widget.ImageCropper: Methods

- getActiveHandleEl()** Get the HTML reference for the currently active resize handle.
- getCropCoords()** Get the coordinates needed to crop the image
- getCropperById()** Get an ImageCropper object by the HTML id of the image associated with the ImageCropper object.
- getEl()** Get the HTML reference for the image element.
- getMaskEl()** Get the HTML reference for the mask element.
- getResizeEl()** Get the HTML reference for the resize element.
- getResizeMaskEl()** Get the HTML reference for the resizable object's mask element.
- getResizeObject()** Get the Resize Utility object.
- getWrapEl()** Get the HTML reference for the wrap element.
- destroy()** Destroys the ImageCropper object and all of its elements & listeners.

Constructor: YAHOO.widget.ImageCropper

```
YAHOO.widget.ImageCropper(str | el ref
  container[, obj config])
```

Arguments:

- (1) **Element:** The element to make croppable.
- (2) **Configuration object:** When instantiating the ImageCropper Control, you can pass all configurations in as an object argument or configure the instance after instantiation. See Configuration Options section for common configuration object members.

Dependencies

ImageCropper requires the Yahoo Global Object, Dom, Event, Element, DragDrop, and Resize.