

# StumpyPNG/GIF

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## 1 StumpyPNG

Crystal library for reading and writing png files, with support for Adam7 interlacing and all kinds of color types.

Source code on Github: `stumpycr/stumpy_png`

`language=Ruby,label=,caption=,captionpos=b,numbers=none include`

StumpyPNG

```
canvas = Canvas.new(256, 256)
```

```
(0...255).each do |x| (0...255).each do |y| RGBA.from_rgb_n(values, bit_depth)isaninternalhelpermethod
```

```
RGBA.from_rgb_n(x, y, 255, 8)canvas[x, y] = colorendend
```

```
StumpyPNG.write(canvas, "rainbow.png")
```

## 2 StumpyGIF

Crystal library for creating (animated) gif files.

Source code on Github: `stumpycr/stumpy_gif`

```
images/stumpy/rainbow_neuquant.gif
```