

cv-calc random-crop: crop random rectangles from images

If you are putting together a training dataset for classification or object detection, you may need to create a uniformly distributed random selection of image crops from your image data.

The following pipeline helps you to do it. It picks random images, cuts 4 random patches of size 300x200 from each of them, and saves them as png files in the current directory.

(Note: `index` parameter in `file=png,index` is required, because otherwise the filenames for the patches cut out of the same image would have different filenames.)

```
> cat your-image-data.bin | cv-calc thin --rate 0.01 | cv-calc random-crop --width 300 --height 200 --count 4 |  
cv-cat "file=png,index"
```

See `cv-calc --help` for more configuration options.