

dotpng

dot pattern creator as png file

4byte(0~255) png file

dot: 255 255 255 255 (maximum white)

background: 0 0 0 0 (transparent)

dot pattern file(optional)

./dotpat.txt

```
0 1 1 1 0
1 1 1 1 1
1 1 1 1 1
1 1 1 1 1
0 1 1 1 0
```

----- USAGE: dotpng (random dot png creator) -----

> dotpng filenamebody width height ndots [nframe lifetime speed mask1 mask2
(motionflag)]<RET>

optional(dotpattern): dotpat.txt

e.g.)

>dotpng dots0 800 600 1000 20 10 2 40 300 <RET>

>dotpng dots0 800 600 500 <RET>

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filenamebody: filename body for the output png files

width: width of the image (pixels)

height: height of the image (pixels)

ndots: number of (moving) dots in the sequential images.

nframe: number of frame(png files)

lifetime: lifetime of individual dot (frames)

speed: dot speed (pixels/frame)

mask1: inner circle radius

mask2: outer circle radius

Additional information

motionflag

0: 8 directions (sequential, default)

1: 360 directions (random)

2: Right

3: Down

4: Left

5: Up

6: Expansion

7: Clock-wise

8: Contraction

9: Counter clock-wise

Related commands

```
maskpng  
vstim
```

```
>dotpng tst 100 100 30<RET>
```

```
DotPatten:
```

```
-XXX-
```

```
XX-XX
```

```
X--X
```

```
XX-XX
```

```
-XXX-
```

```
FNAME: tst
```

```
WIDTH: 100
```

```
HEIGHT: 100
```

```
ndots: 30
```

```
nframe: 1
```

```
lifetime[frames]: 1
```

```
speed[dots/sec]: 0
```

```
Initial raduis = 15
```

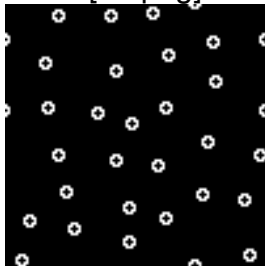
```
r = 14
```

```
r = 13
```

```
r = 12
```

```
Max,Min = 255 , 0
```

```
Done![dotpng]
```



by Ken