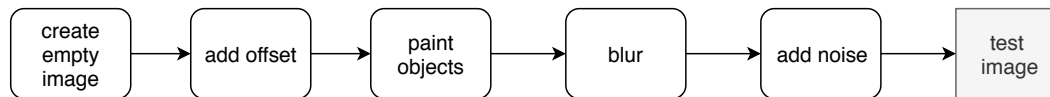# Test Image
Generation

Test image generation

- To explore how different image analysis algorithms work it is very useful (alomst necessary) to be able to generate test images with well defined properties. For example one would like to control exactly the number of objects, the objects shapes and intensities, the level of blurring, the noise level and the background level.
- Without such test images it can be almost impossible to really check what an image analysis algorithm is doing in detail.

```
create
empty   →   add offset   →   paint   →   blur   →   add noise   →   test
image                        objects                                 image
```

Activities

- Generate a test image.