

```
1 """Make a counts image with Gammapy."""
2 from gammapy.data import EventList
3 from gammapy.image import SkyImage
4 events = EventList.read('events.fits')
5 image = SkyImage.empty(
6     nxpix=400, nypix=400, binsz=0.02,
7     xref=83.6, yref=22.0,
8     coordsys='CEL', proj='TAN',
9 )
10 image.fill(events)
11 image.write('counts.fits')
```