How do I extract many spectra with one command?

There are three different stack inputs that may be used to obtain multiple spectra in a single command: rgrid, pgrid, and lgrid.

Grid Type	*Syntax*
Rectangular	rgrid(xmin:xmax:dx,ymin:ymax:dy)
Polar	pgrid(xcen,ycen,rmin:rmax:dr,thetamin:thetamax:dtheta)
Linear	lgrid(lmin:lmax:dl)

For example, to extract spectra for each of 100 sources in my_src.fits:

```
unix% dmextract \
     infile="acis_evt2.fits[sky=region(my_src.fits[component=lgrid(1:100:1)])][bin pi]" \
     outfile=my_pha2.fits
```

More information is available from ahelp stack; see the Creating Multiple Spectra section of the Using the Output of Detect Tools thread for another example.

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