

NAME

a4scan – four-motor scan

SYNOPSIS

```
a4scan m1 start1 end1 m2 start2 end2 m3 start3 end3 m4 start4  
end4 intervals time
```

DESCRIPTION

a4scan scans four motors, as specified by *m1*, *m2*, *m3* and *m4*. Each motor moves the same number of intervals with starting and ending positions given by *start1* and *end1*, *start2* and *end2*, *start3* and *end3*, *start4* and *end4*, respectively. The step size for each motor is $(start - end) / intervals$. The number of data points collected will be $intervals + 1$. Count time is given by *time*, which if positive, specifies seconds and if negative, specifies monitor counts.

EXAMPLE

```
a4scan e11 0 10 e12 0 10 e13 0 10 e14 0 10 20 10
```

SEE ALSO

motors ascan a2scan a3scan dscan d2scan d3scan mesh