NAME

d2scan – two-motor scan relative to the starting positions

SYNOPSIS

d2scan *motor1 start1 end1 motor2 start2 end2 intervals time*

DESCRIPTION

d2scan scans two motors, as specified by *motor1* and *motor2*. Each motor moves the same number of intervals. If each motor is at a position *X* before the scan begins, it will be scanned from *X*+*start* to *X*+*end*. 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.

Upon termination, the motors are returned to their starting positions.

EXAMPLE

```
d2scan th -1 1 phi -2 2 20 10
```

SEE ALSO

motors ascan a2scan a3scan dscan d3scan mesh