

NAME

mesh - 2d grid scan

SYNOPSIS

```
mesh motor1 start1 end1 intervals1 motor2 start2 end2 intervals2  
    time
```

DESCRIPTION

The mesh scan traces out a grid using *motor1* and *motor2*. The first motor scans from *start1* to *end1* using the specified number of intervals. The second motor similarly scans from *start2* to *end2*. Each point is counted for for *time* seconds (or monitor counts).

The scan of *motor1* is done at each point scanned by *motor2*. That is, the first motor scan is nested within the second motor scan.

A mesh scan creates only one scan entry in the spec data file with a total of $(intervals1+1) \times (intervals2+1)$ points.

EXAMPLE

```
mesh th 0 1 10 phi 0 2 10 10
```

SEE ALSO

ascan a2scan a3scan dscan d2scan d3scan