

Points.mrql

```
// generate random points in the 4 squares: [2..4,6..8]*[2..4,6..8]
// used in kmeans.mrql

function randomV ( v: double ) : double {
  let x = random(100000)/10000.0
  in if ((x >= v and x <= v*2.0)
        or (x >= v*3.0 and x <= v*4.0))
    then x
    else randomV(v)
};

store "points.bin"
from select < X: randomV(2.0), Y: randomV(2.0) >
  from i in 1...(toLong(args[0]));
```