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# [0,1], and the default diameters are given by the min and max diameter
# values in graph options, divided by 100; if x2 is omitted, it is assumed
# to be equal to x1, which produces a unit disk graph
disk-graph [n [x1 [x2]]]

### service operations

# parameter defaults are given by service options
new-services [n [m]]
random-services [n [m1 m2]]
random-sizes [m1 m2]
empty-requirements
unit-requirements
random-requirements [m1 m2]
random-areas [m1 m2]
connected-areas [m1 m2]

# service orders are denoted by:
# 0 = "def" = "default", 1 = "rand" = "random", 2 = "size", 3 = "area",
# or service list; optional 2nd arg: 1 = "rev" = "reverse"

# n1 = service order, n2 = "rev" (optional); default is recompute current
# service order (useful if it is "rand")
reorder-services [n1 [n2]]

set-ensemble-size n
set-size s [n] # default: n = default service size
add-service [s] [n] # default: s = new service number
del-service [s] # default: s = last service number (in current order)

### mark operations

mark-node v
unmark-node v
toggle-node v

mark-all
unmark-all
toggle-all
mark-unsupplied
mark-unassigned

mark-service-area s
mark-service-area-union s
mark-service-area-intersect s
# complements
mark-comp-service-area s
mark-comp-service-area-union s
mark-comp-service-area-intersect s

mark-ensemble-area S
```