Class

CAGridStatic
> This is the main part of the simulation of the CA version of the model

Fields

tissue
> *type: ArrayList <CACell>*
> List of cells that make up the tissue

params
> *type: ParamVals*
> parameters of the experiment

rand
> *type: Random*
> random class

Constructors

CAGridStatic(int size)
> Create new instance of simulation with size of grid maximum CA cycle and fraction of stem cells

Methods

bounds(int a,int size) *Returns int*
> Creates the toroidal links between top and bottom and left and right

stain() *Returns void*
> Stains all cells in the tissue list

setNewGridParams *Returns void*
> set grid params such as probability of moving right

iterate *Returns void*
> The main iterative loop of the simulation. Update tissue status then move randomly through.