

TEAM CareBears

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ENVIRONMENT

-int[] grid
-int[] rain
-int[] sun

void sunlight (int intensity)
void rain (int intensity)
void getGrid()
void showRain()

PLANT

-int temp
- int xCor
- int yCor
- int maxSize
- int growthRate
- int waterPriority
- int lifeTime
- int birthDate
- int health
- int r, g, b
- boolean hasPollen

int health()
boolean checkWater(Environment e)
int takeWater(Environment e)
void grow(Environment e)
void display()
void run(Environment e)

BACTERIA

-boolean carryingPollen
-int dx , dy
- int xCor
- int yCor
-int size;
- int maxSize
- int growthRate
- int waterPriority
- int lifeTime
- int birthDate
- int health
- int r, g, b

void move()
void display()
void run()

Button

-int x,y,
-int rectSize
-int w,h
-color rectColor, baseColor
-color rectHighlight
-color currentColor
-boolean rectOver
-String name
-boolean active

boolean mouseOver()
void display()
void click()
void update()