

Parallel Programming

0024

Spring Semester 2010

May 6, 2010

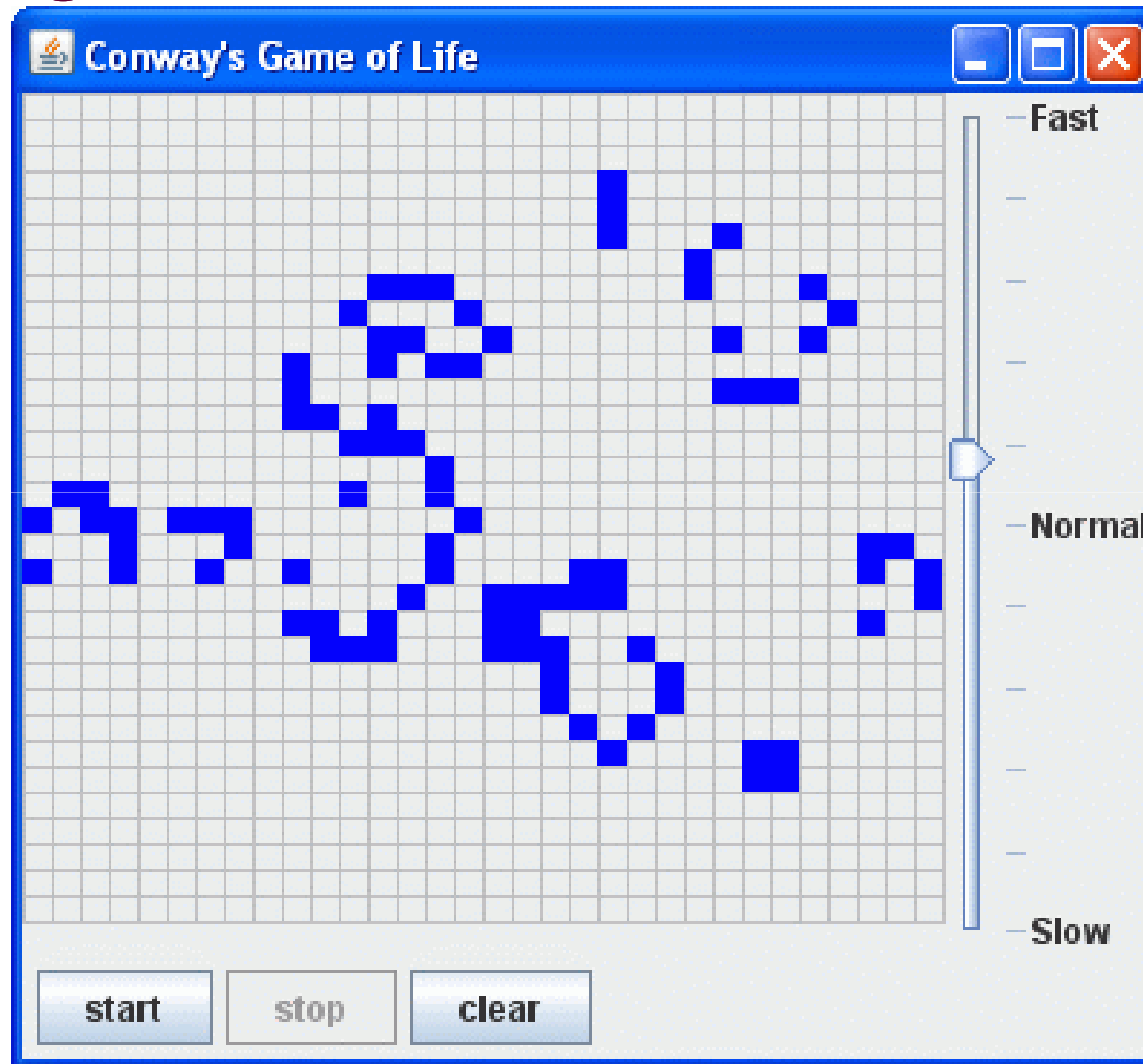
What we do today

- Primes with JSCP
- JCSP Übung
- Swing
- Assignment 9
 - Game of Life
 - MVC Pattern
 - Swing Tutorial Links

Conway's Game of Life

Wikipedia: The Game of Life, also known simply as Life, is a cellular automaton devised by the British mathematician John Horton Conway in 1970. It is the best-known example of a cellular automaton.

Assignment 9 Solution Demo



GoL Rules

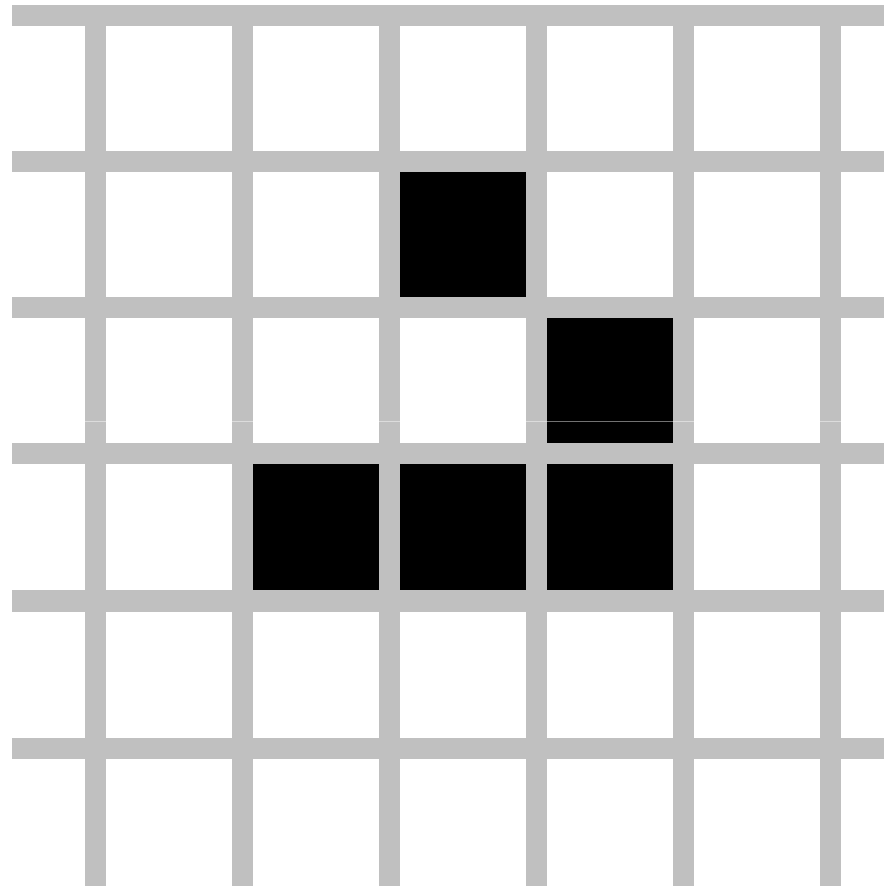
Any live cell with fewer than two live neighbours dies, as if by needs caused by underpopulation.

Any live cell with more than three live neighbours dies, as if by overcrowding.

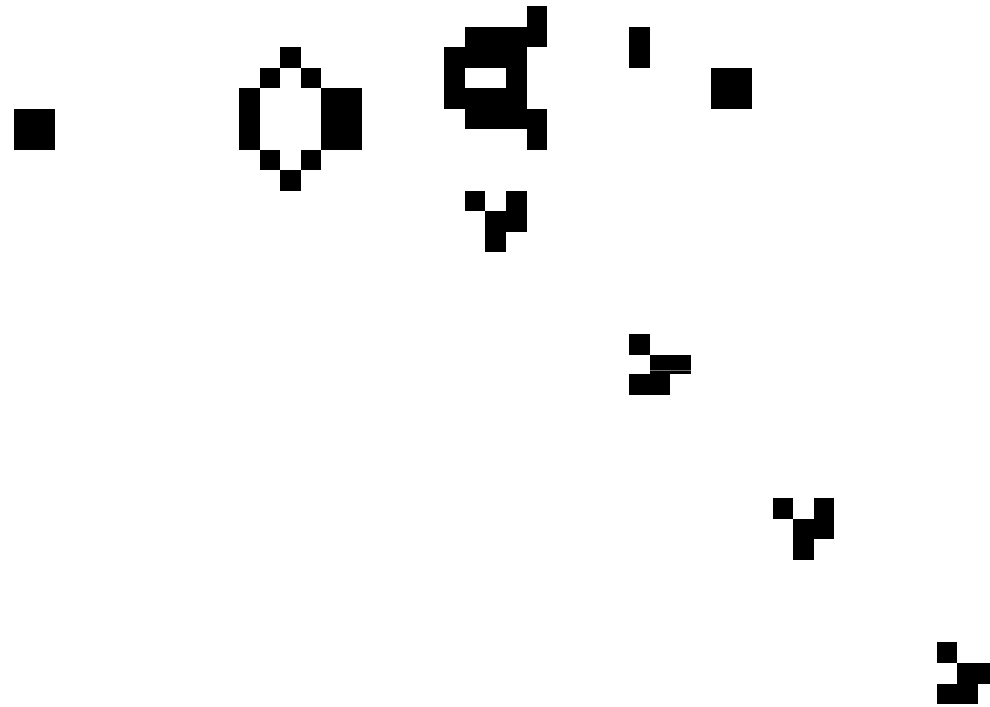
Any live cell with two or three live neighbours lives, unchanged, to the next generation.

Any dead cell with exactly three live neighbours becomes a live cell.

GoL: Glider



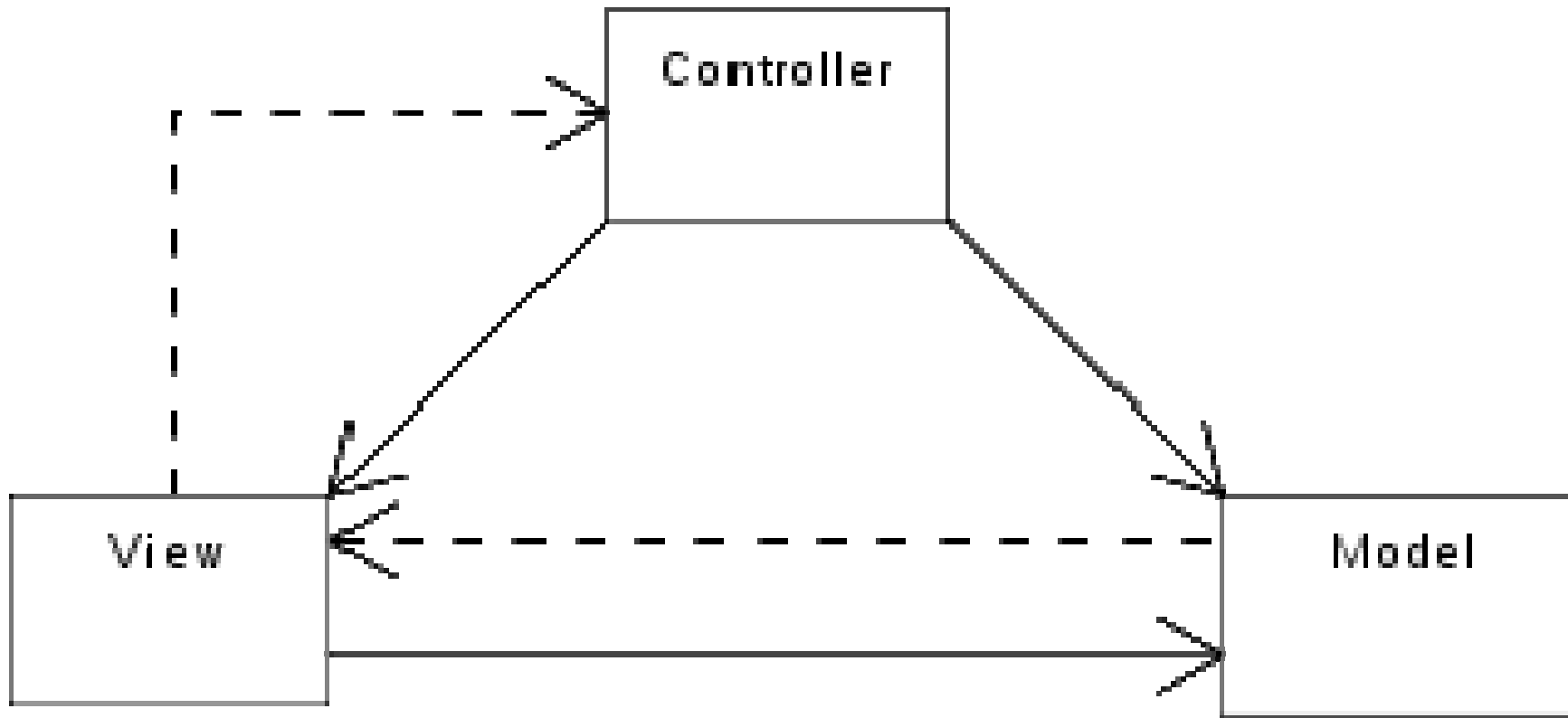
GoL: Glider Gun



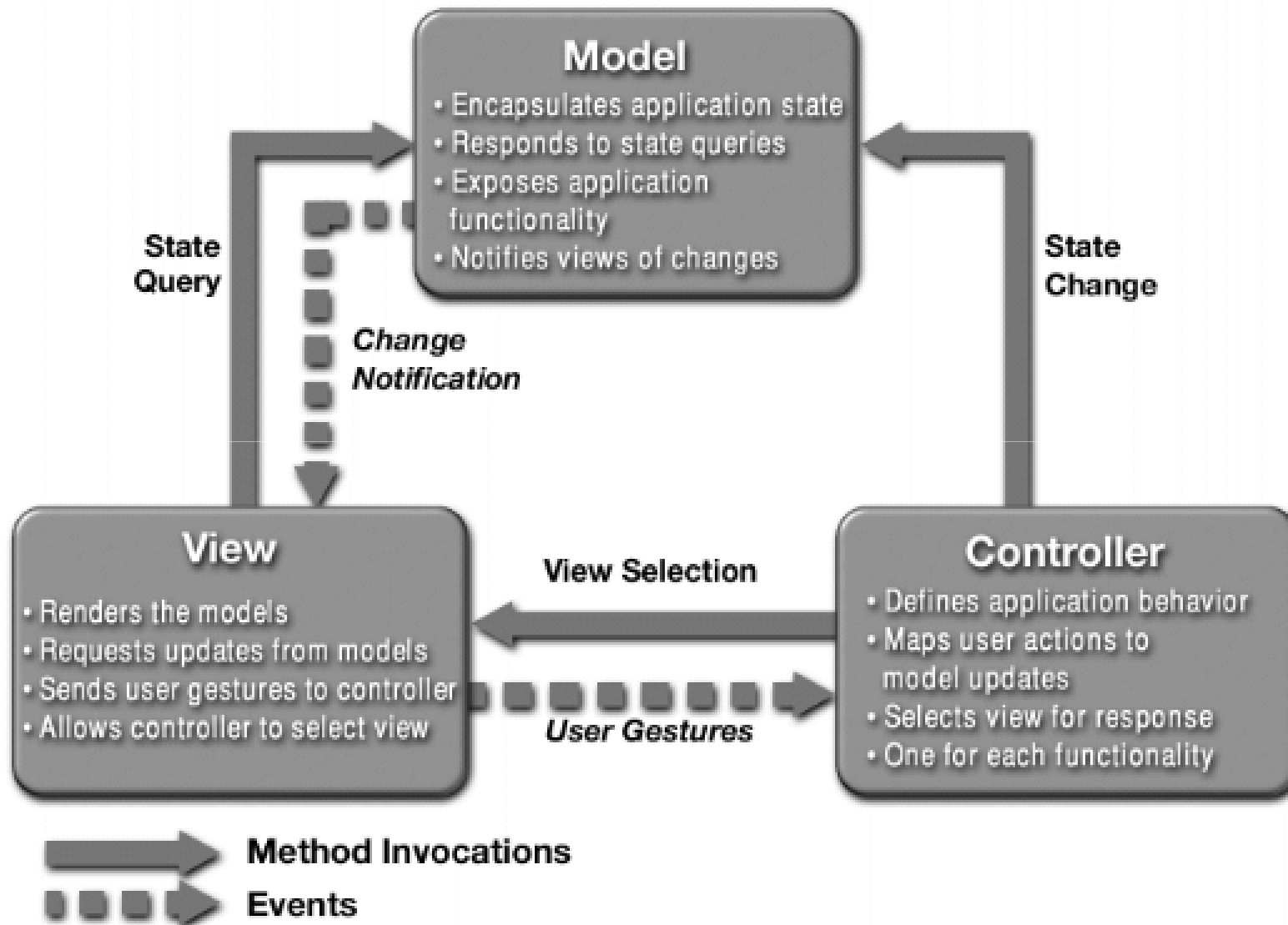
GoL: Breeder



MVC by Wikipedia



MVC by Sun



Swing Tutorials

<http://java.sun.com/docs/books/tutorial/uiswing/>

<http://java.sun.com/docs/books/tutorial/uiswing/components/index.html>

<http://www.mm.informatik.tu-darmstadt.de/courses/helpdesk/swing.html>

Questions

