Excercise 1.
Implementing a first Application in RePast: A Rabbits Grass Simulation.

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1 Implementation

1.1 Assumptions

In our model the grass growth is bounded above linearly. That is to say that in each tick of the simulation there are at most `grassGrowthRate` new squares of grass. We choose one square at random and put grass there even if it was already present.

- binary grass (certain maximal amount added per tick) - grass energy slider
- rabbits can be born on grass - if rabbits can't move, they don't move but they still loose energy (1) - rabbits can go back and forth - default birth energy 30

1.2 Implementation Remarks

of boundary conditions

2 Results

(e.g. birth threshold, grass growth rate etc.) or combinations of variables influence the results. Different experiments with diffrent settings are described below with your observations and analysis

2.1 Experiment 1

2.1.1 Setting

2.1.2 Observations

2.2 Experiment 2

2.2.1 Setting

2.2.2 Observations

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2.3 Experiment n

2.3.1 Setting

2.3.2 Observations