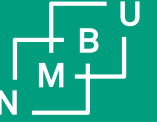


Norwegian University
of Life Sciences

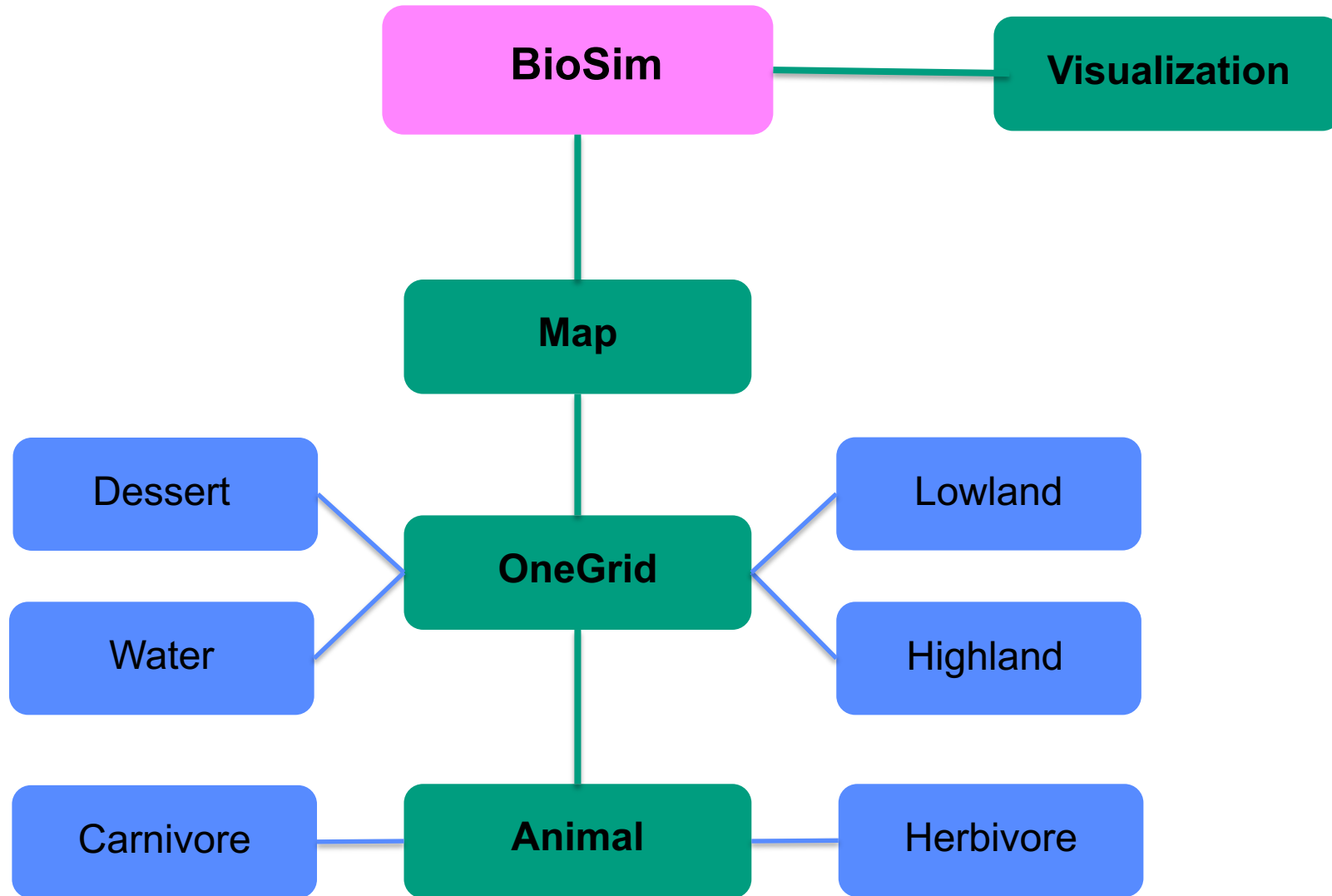


Modelling the Ecosystem of Rossumøya

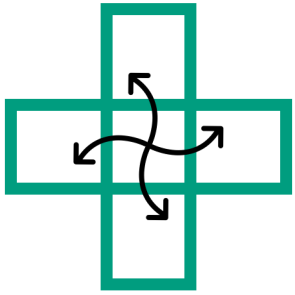
Made by Peder Bukaasen and Bård Pedersen

Layout

Prosses
Test parallel
with code



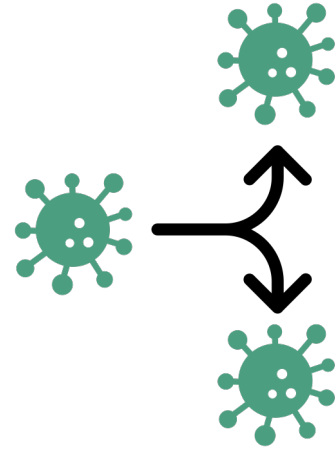
Problems



Migration

μn

Herbivore weight loss



Duplicating cells



Build (textwrap)

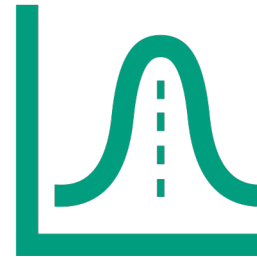
Testing



Simulation testing



Parameterize¹



Mocker

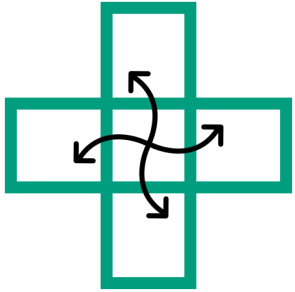


Not always testing

Coverage	
100% files, 90% lines covered in 'biosim'	
Element	Statistics, %
__init__.py	100% lines covered
animals.py	88% lines covered
island_map.py	96% lines covered
landscapes.py	94% lines covered
simulation.py	84% lines covered
visualization.py	83% lines covered

1. Pytest logo, accessed 20 January 2022.
<https://pypi.org/project/pytest/>

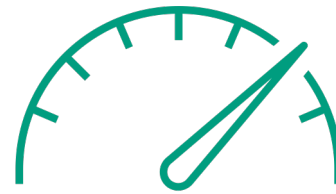
Further development



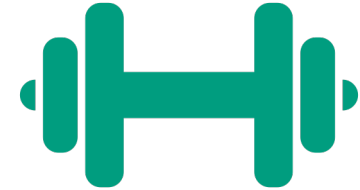
Migration, DRY



Visualization



Optimize



Calculate fitness

Discussion

