

Morpheus Development Roadmap

Version 2.1

Scheduled **release date**: Dec 2018

Features

- Improved SBML support
- New adaptive step size ODE solver (RK45)
- Provide local scope access in NeighborhoodReporters
- Bug fixes ...

Version 2.2

Scheduled release date: Mai 2019

Planned GUI features

- **QT5** version upgrade
- **3d simulations preview** using VTK
- Support for **MultiCellIML**

Planned Simulator features

- Heterogeneous Advection / Diffusion
- Fields inside of Cells

Version 2.3

Scheduled release date: Oct 2019

Planned features

- **New** compact model **storage format** in accordance with [SED-ML](#)
- **Python scripting** bindings for rapid plugin prototyping and morpheus interactive control.
- Public **model repository**, including options to convert to other simulator frameworks (CC3D).

Last update: 15:10 development:roadmap <https://imc.zih.tu-dresden.de/wiki/morpheus/doku.php?id=development:roadmap&rev=1543932609>
04.12.2018

From:
<https://imc.zih.tu-dresden.de/wiki/morpheus/> - **Morpheus**

Permanent link:
<https://imc.zih.tu-dresden.de/wiki/morpheus/doku.php?id=development:roadmap&rev=1543932609>

Last update: **15:10 04.12.2018**

