# Python interface

# Abstract model representation

lattice, species, parameters, processes, rate constants, ...

save

load

## Model file

Native (.ini) or xml format

# Source code generator

local\_smart, lat\_int, otf

Inspect / edit

kmos edit

## Fortran90 core

#### Source

base.f90, lattice.f90, proclist.f90, ...

f2py

Binary modules

kmc\_model.so

### Viewer GUI

kmos view

#### Runner API

client scripts

