Lagrangian Long-term roadmap

July 29, 2022

The unordered list of aims, plans and suggestions for \mathcal{L} agrangian Kernel development.

1 Always

- 1. Learning neccessary and not exists knowledge for feature!
- 2. Think about almost every part of the code
- 3. Stabilize API
- 4. Maintain manuals and docs for project almost up to date.

2 Aims

- 1. Gain fun!
- 2. Gain new knowledge and skills in programming, physics etc
- 3. Create a learning and playing ready performant scientific simulations and based on machines
- 4. Create and maintain relative easy extensible API

3 Peculiarities

- 1. fully Open Source
- 2. To Do

4 Medium and Far Future features

- 1. Move to own CMake based build system
- 2. Move to Typesript
- 3. Move to using Kernel and MP