

Lagrangian Kernel roadmap

August 3, 2022

The unordered list of aims, plans and suggestions for *Lagrangian Kernel* development.

1 Aims

- Replacement of old and no well architected Inner Core abstractions
- Code separation that can be used by other people

2 Peculiarities

- To Do

3 Future features

3.1 Renderer lib (WIP)

To Do:

- Compile my bad code - OK
- Use smart pointers and make some changes for memory safety (references, const etc), in Operations class hierarchy etc
- Test concepts of model changing operations

- Realize a render by Tesselator
- set Own texture atlas
- Test concepts of model render

3.2 Ore deposits generation lib (Almost not implemented)

Not in public repositories

3.3 Micro block API (Almost not implemented)

in GTBE REPOSITORY

4 Future features

- Fields API
- Elefctromagnetic API
- Chemistry API