

# Lagrangian Kernel roadmap

August 8, 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 - OK
- 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
- Electromagnetic API
- Chemistry API