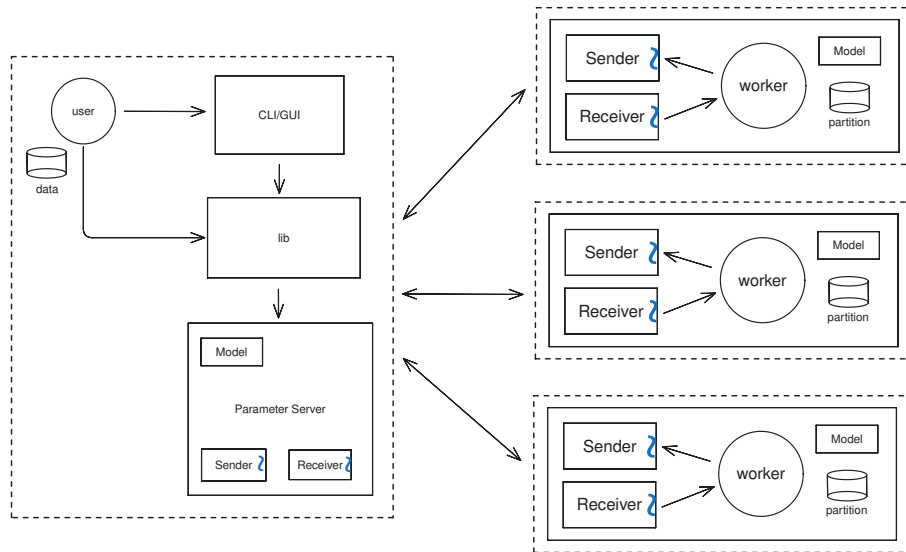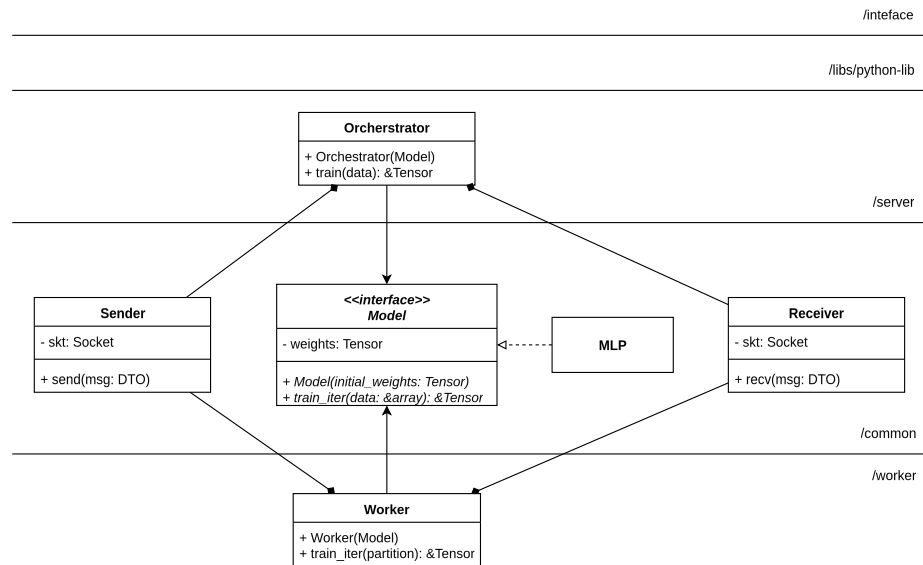# architecture draft

diagrams

high-level architecture

class diagram

message types

Messages that are going to be supported by the system are:

- **handshaking phase**
  - **first phase**
    1. benchmark info
  - **second phase**
    2. data partitions
    3. initial weights
    - ∗ **model architecture**
      4. layers and per-layer density (mlp)
- **training phase**
  - **data messages**
    - ∗ matrix
      - · gradients
      - · weights
  - **control messages**
    - ∗ start
    - ∗ stop
    - ∗ . . .