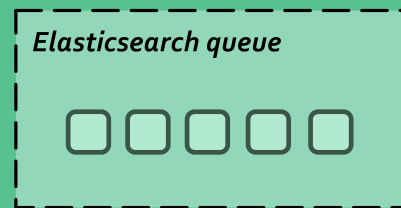
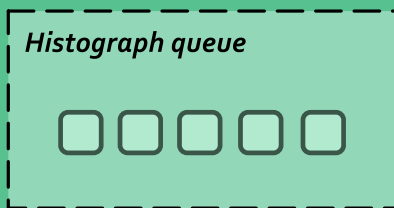


*Import module*

## Histogram-Core



*Thread 2: Histogram queue*

*Loop:*

1. Get message
2. Parse message
3. Send action to DB
4. If successful:  
Push action to ES queue

*Thread 3: Elasticsearch updates*

*Elasticsearch*



*Thread 4: Inferencing*

*Neo4j database*



*Thread 1: Neo4j server*

*Neo4j I/O  
used by API*

*Elasticsearch I/O  
used by API*

