

## GLU terminology

### ***Agent***

The GLU agent is an active process that needs to run on every host where applications need to be deployed

### ***Closure***

In a GLU script, a closure is a groovy closure which is essentially a piece of groovy/java code (between curly braces) assigned to an attribute. (TODO: link to groovy closure wiki)

### ***Console***

The webapp/REST api built on top of ZooKeeper which is the orchestrator of the system.

### ***Fabric***

A fabric defines a group of agents.

### ***GLU script***

A GLU script is a set of instructions backed by a state machine that the agent knows how to run.

### ***Metadata***

Metadata in the context of GLU represents a map that can be represented as a json object.

```
def goodMetadata =
[
  p1: 'v1',
  p2: [1, 2, 3], // array
  p3: [p31: 'v31'] // another nested map
]

// bad because the value is a java object
def badMetadata =
[
  color: java.awt.Color.BLACK
]
```

### ***Mount Point***

The unique key on which a GLU scripts get 'mounted' on a given agent. It is a String which has a path like syntax (must start with a '/'). Example: /a/b/c

### ***ZooKeeper***

View more information about ZooKeeper: <http://hadoop.apache.org/zookeeper/>