In memory worker nodes

Connections

Gateway App (Designed to be digitalocean app or on premise)

Worker Nodes

New processes cerated by guys XML + class codes

Every xml + class codes and libraries put in here to their private folder

~~Every new node registers itself and gives heart beat~~

When workers run they acquire resources from gateway and caches???

hadoop

Input From whom output

Output

Processes addresed for gluing only and for distribution by gateway on websocket protocol

Processes

Download a wikipedia article	Split words	Print words' chracter counts

Single code action

Single code action

Parallel actions

Sample process

Mapping process' items to least
used working node by master
ahead of time but as parallel as possible

Process' items route input output
according to nodes addressing by master

If there is no heartbeat for specific treshold
master reschedule work on that node

Nodes

For back-up master nodes marked by master candidate,
sync clients table and check and decide if there is an alive master
if no master a node in cadidate list will be master