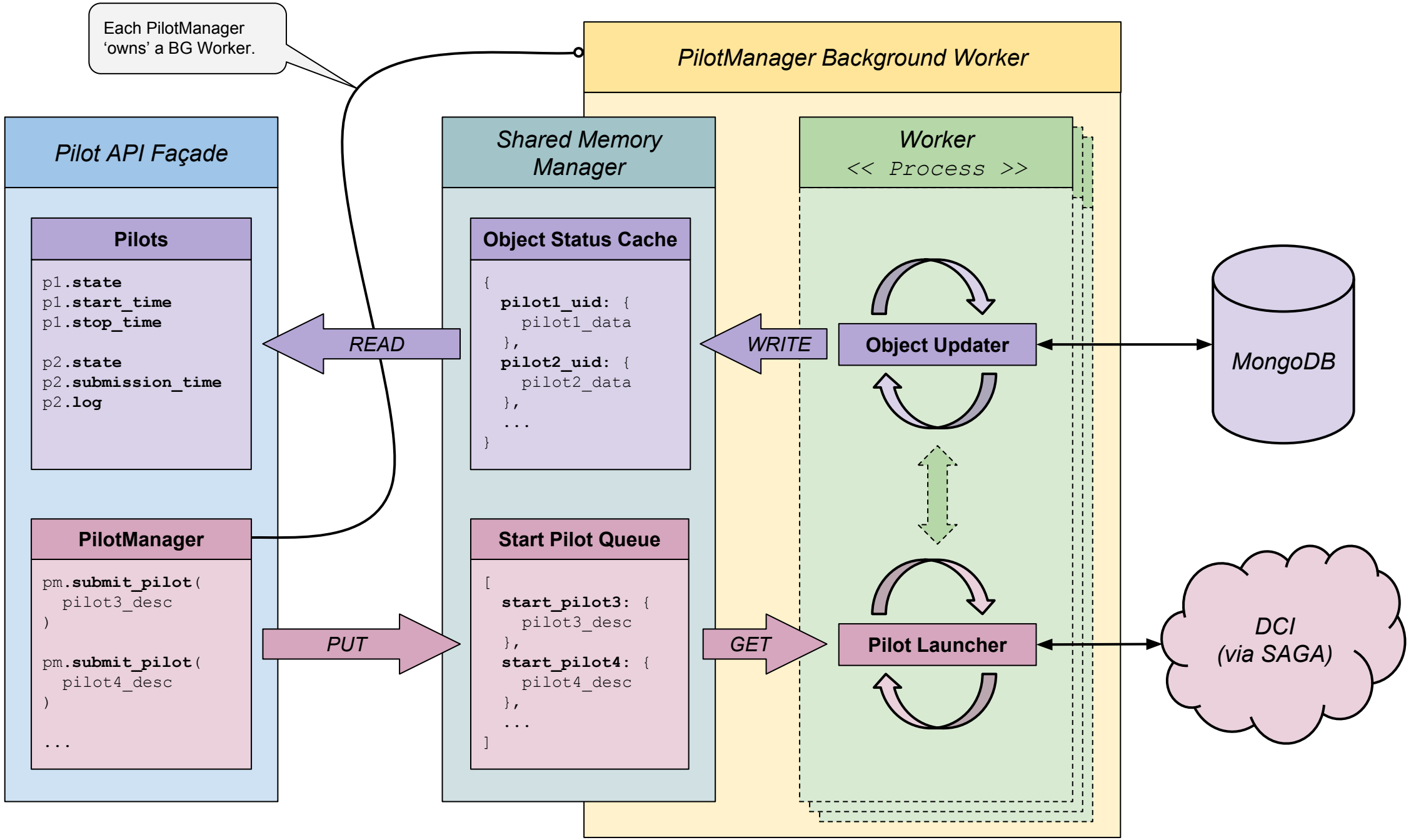
Each PilotManager 'owns' a BG Worker.
PilotManager Background Worker
Pilot API Façade
Pilots
p1.state
p1.start_time
p1.stop_time
p2.state
p2.submission_time
p2.log
PilotManager
pm.submit_pilot(
pilot3_desc
)
pm.submit_pilot(
pilot4_desc
)
...
READ
PUT
Shared Memory Manager
Object Status Cache
{
pilot1_uid: {
pilot1_data
},
pilot2_uid: {
pilot2_data
},
...
}
Start Pilot Queue
[
start_pilot3: {
pilot3_desc
},
start_pilot4: {
pilot4_desc
},
...
]
WRITE
GET
Worker
<< Process >>
Object Updater
Pilot Launcher
MongoDB
DCI
(via SAGA)