For HPO:

Relaxation (?): run on top of Pilot
Starting point: hyperspace
My contribution: reimplementation, characterization…

Tasks are independent on hyperspace
Get TTX per task of an individual optimization of HyperSpace. They need to be in the order of minutes to make sense reimpleneting on EnT. Check literature
What is the maximum cores we can have for hyperspace?

Depending on this characterization, see if it makes rense to reimplement on EnTk functional overlapping reason to believe.

Containers:

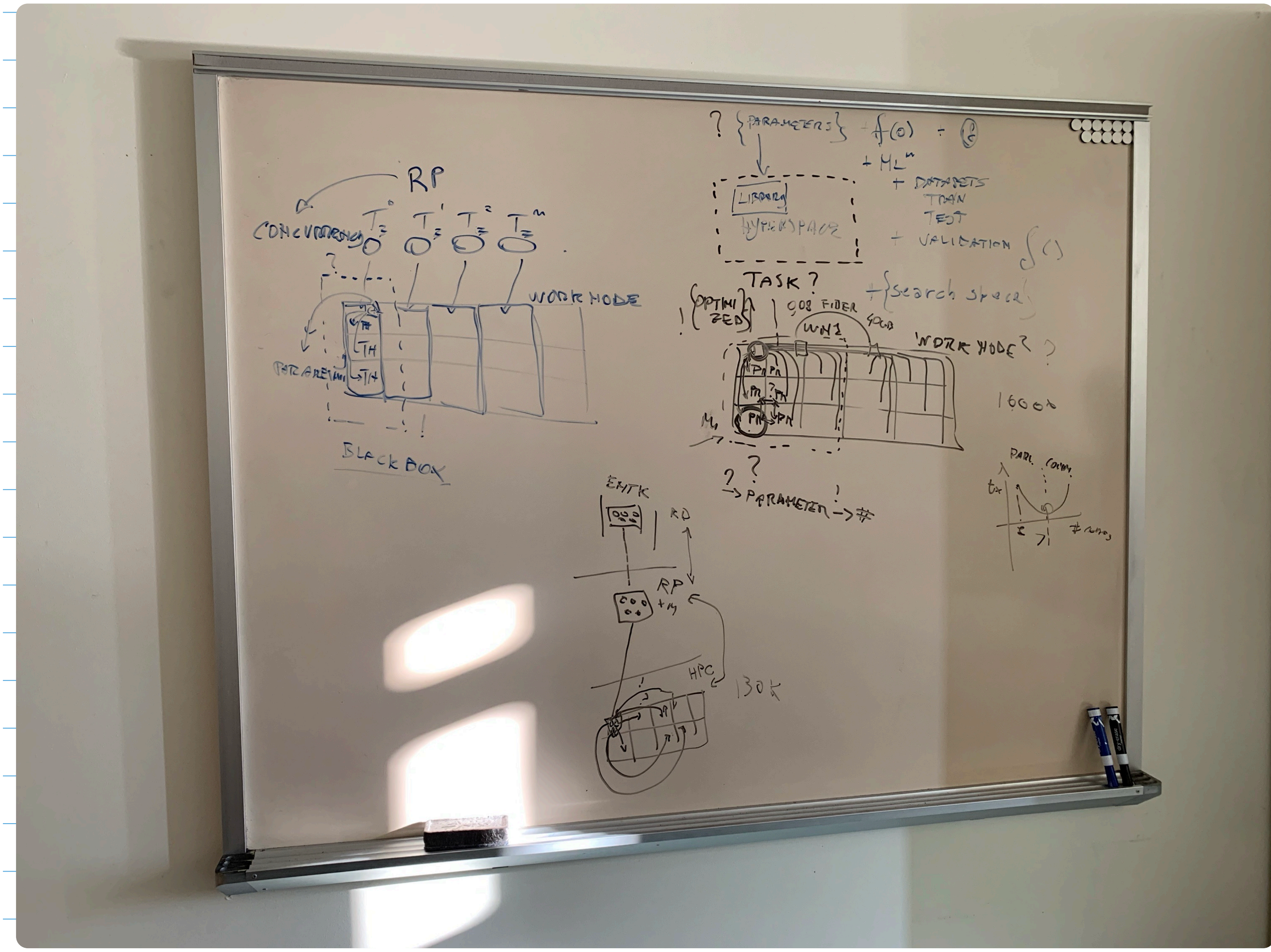
Two options: Distributing tasks as containers or cntainarize RCT

Stage 2: running the agent in a container

Comparison on performance: gromax as an mpi application within an mpi container

Code walkthrough: first part: setting up entk. Second part: aggregation of results. Just show python script step by step

Workers are independent
Jumana was wrong: It's not minimum 1 node per task (optimization). It's minimum 1 MPI rank.
Overlapping between HyperSpace MPI and RADICAL. Take what I need from HyperSpace and reimplement.



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