

FACTS:

- 1) Execute single "module" indicated by Greg on XSEDE Bridges.
- 2) Fork The repo, package The code and make a Pull Request. IF it works fine, make it available in PyPy.

Containers:

After studying Boutiques, I learned that it can be useful for deploying RCT inside a container image. However, for my immediate goal of executing containerized tasks through RP, I am going to leave it on a side.

For said goal, I am going to run two experiments:

Experiment 1: Execute stress command concurrently through RP on 1, 2, 4, 8, 16, 32, 64 cores (1, 2 nodes), with and without containerizing the executable. Bar plot TTX, overheads and compare.

Experiment 2: Same as before but with a single MPI command instead of stress.

Deadline for all above: Dec 22nd 2019

