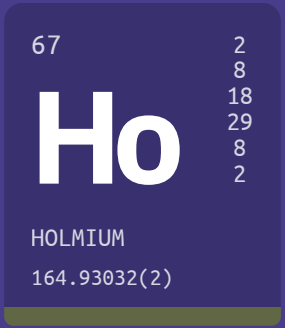

HOLMIUM

Golem for Trusted Self-Improving Cloud Compute

Dmitry Mikushin | October 20, 2019

Trust & Self-Improvement

- No excessive sandboxing or isolation: run the provided job binary directly
- Deploy on a variety of providers, depending on the actual spot market situation
- Optionally include means for providers to optimize the job and their resources:
  - Job source code
  - Guranteed amount of *similar* (with a minor patchset) payload to be purchased

Economical chain

- Provider may resell the job he optimized to the same network for better price
- Provider may subcontract partial optimization to the network as smaller jobs