



Easier use of remote computing resources with *funcX*



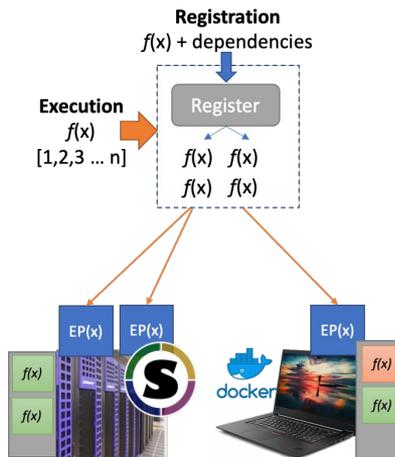
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Need to run a set of computational tasks?

- Ensemble of simulations, data analysis tasks, event-based processing, interactive analysis, and more

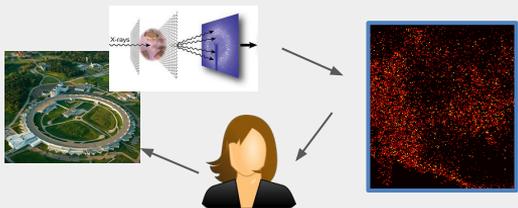
Need to run (from Python) on complex infrastructure (HPC, cloud, cluster)?

- With reliable and scalable execution, authentication with endpoints, automatic data movement, environment management (containers, Conda), different architectures, schedulers

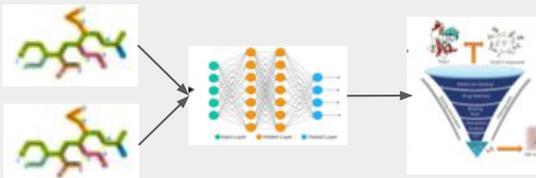


- Use funcX Service (reliable, cloud-hosted) to
 - Register and share compute endpoints
 - Register, share, run Python functions
- funcX endpoints
 - Dynamically provision resources that deploy containers & execute functions using local scheduling system
- Function invocation
 - Run anywhere: closest, cheapest, fastest, accelerators, ...
 - Fire and forget: scalable, secure, reliable

Real-time crystallography



ML-based drug screening



Fitting as a Service



Try *funcX* via binder at funcX.org

