

Research Report

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What I needed to do

- Get to know the existing auto-tuning work with Rose and also the paper sent by David for PNNL meeting
- Looking for ways to generate code variants for community detection PNNL code.
- Looking into how to solve `shared_ptr` and `std::map` issue brought by PNNL code

Progress & Problems

Worked on ATPER meeting slides

Worked on refreshing with IMPACT
workshop experiment details

No milestone

The plan

- Looking at Community Detection Code in more detail by experimenting with the newly received large input file
- Looking into Rose compiler whole application auto-tuning framework
- Think what the short/mid/long term goal is to drive me close to being able to propose