

Project Progress Meeting 1

Group 2

Scope: No changes have been made to the scope of our project since our revised proposal.

Notes, strategies going forward

- Take advantage of optimization opportunities
- Focus on optimizing convolution, erosion, masking (look for loop unroll opportunities)
- Use provided images and large, randomly-generated images for performance analyses
- Convert images to .ppm extension (use image reader from color conversion assignment)
- Use loop unrolling
- Use run.pbs scripts to run experiments (modify from assignments)
- Will not be able to do full profiling analysis, only can rely on timing (unless someone has their own GPU)

Presentations: after April 15

- Do not need final results by the presentation date
- Need at least 2 incremental optimizations for some kernels with sweeping experiments