Biweekly MSc Thesis Progress Presentation – Lukas Strebel

June 13, 2018





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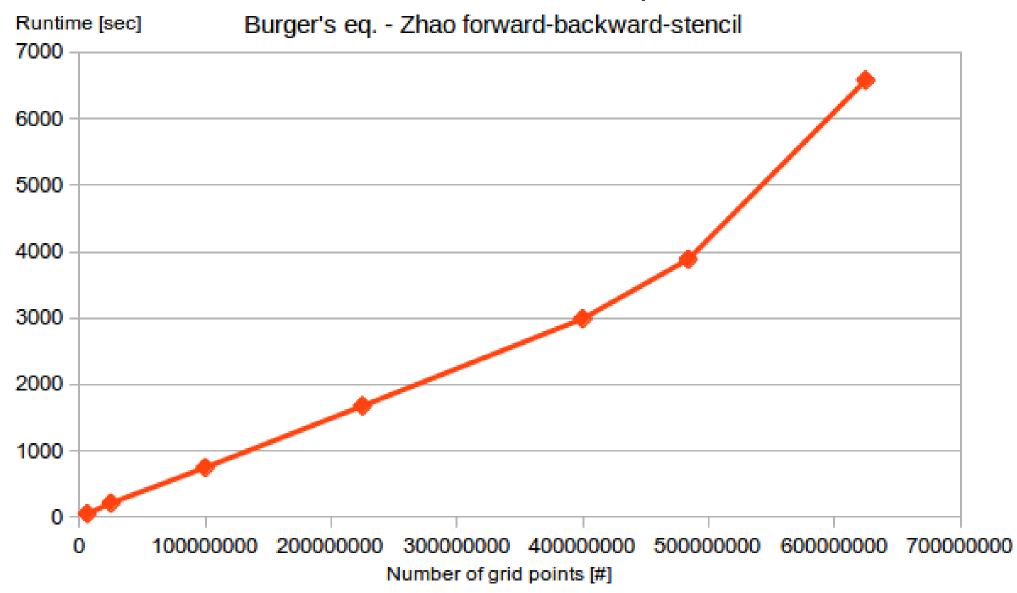
Updates on open questions

- Conditional in GT4Py stencil changing stencil extent / halo
 - Not working.
 - Tested with small example.
 - Confirmed with Stefano:
 - "Unfortunately, if-conditionals are not supported by GT4Py ... Gridtools/C++ nicely supports if-conditionals, but to my knowledge only in the vertical direction. However, this functionality has not been exposed to the Python layer yet."

Completed Steps - Milestone

- Source graph generation model including thesis chapter.
 - Thesis text on overleaf.
 - Code works, used to generate examples, probably will need some small changes to fit with remaining library features.
- Run first test case scaled for Greina on single node and take measurements.
 - First measurements taken.

Serial Runtime - 100 time steps



Memory Requirements - 100 time steps

