

A Scalable DCEL implementation

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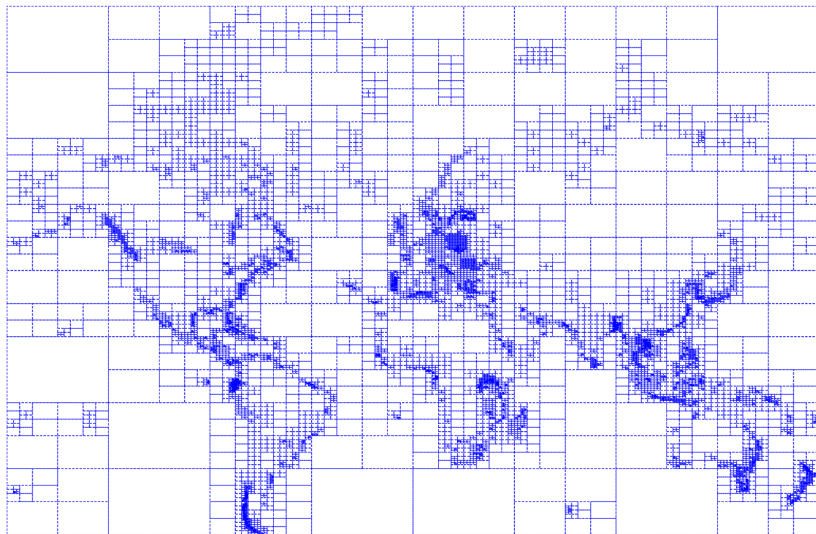
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gadm dataset

- ▶ Level 1 (States) and level 2 (Counties) globally.
- ▶ 110K and 170K polygons.
- ▶ 1.0G and 1.2G.

Cells



DCEL construction

- ▶ Partitioning (12583 cells) in ≈ 121 s.
- ▶ 37.6M (level 1) and 54M (level 2) edges processed.
- ▶ DCEL A in ≈ 123 s.
- ▶ DCEL B in ≈ 132 s.