

# RIDIR Report

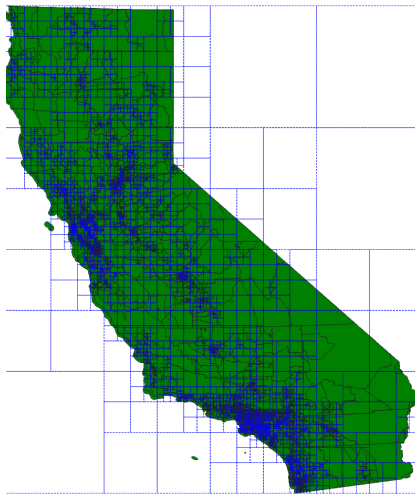
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## Fixing previous bugs...

- There were related with the current precision on float-point operations. Currently set at 4 digits.

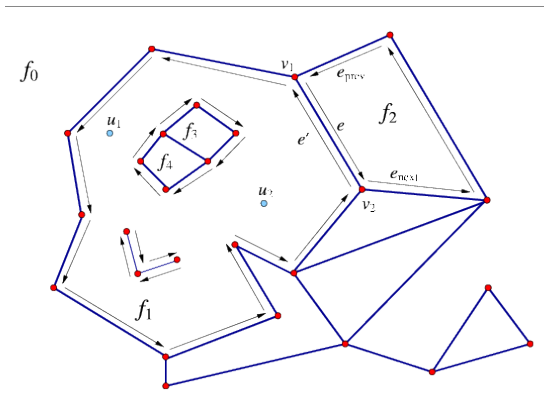


## Some statistics...

Phase	Execution time [s]
Partitioning	10.22
Building single DCELs	4.02
Updating empty cells	7.82
Merging DCELs	9.62
<b>Total</b>	<b>31.69</b>

# Exploring sequential implementation...

## ► CGAL 5.0.2 - 2D Arrangements<sup>1</sup>



<sup>1</sup> Available at [https://doc.cgal.org/latest/Arrangement\\_on\\_surface\\_2/index.html](https://doc.cgal.org/latest/Arrangement_on_surface_2/index.html)

# What's next?

- ▶ Integrating overlay operators...
- ▶ Cleaning and Validation...
- ▶ Tuning cluster parameters...
- ▶ Benchmarking with sequential tool...