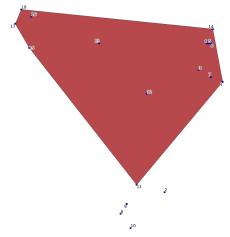
## PFLOCK Report

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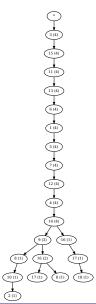
November 24, 2020

## Sample cliques...



3 15 11 13 6 1 5 7 12 4 14 9 8 10 2 3 15 11 13 6 1 5 7 12 4 14 9 16 17 3 15 11 13 6 1 5 7 12 4 14 9 16 8 3 15 11 13 6 1 5 7 12 4 14 16 17 18

## Prefixtree...



## Algorithm...

- 0. Find first node with more than one branch.
- 1. Compute initial set of Candidates and Flocks for that node.
- 2. For each subsequent node:
  - 2.1 If  $point \cap Flocks$ : add point to those flocks.
    - 2.2 If  $point \cap Candidates$ : add point to those candidates.

if  $candidate.size >= \mu$ :

move candidate to flocks.

- 3. Collect flocks at each leaf.
- 4. Prune duplicates.