

# PFLOCK Report

Andres Calderon

University of California, Riverside

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## About indexing...

- ▶ Build local indexes (pg 49): To further speed up the query, the indexes in GEOSPARK are **clustered** indexes. In that case, spatial objects in each partition are stored directly in the spatial index of this partition. Given a query, the clustered indexes can directly return qualified spatial objects and skip the I/O of retrieving spatial index according to the qualified object pointers.

## About Join...

- ▶ spatialOperator / JoinQuery: spatialJoin method (line: 445)
- ▶ line 466 just take into account local index in left OR right side...
- ▶ LeftIndexLookupJudgement and RightIndexLookupJudgement classes in joinJudgement package...