Commit Branch of Origin

- The branch that a commit is made to cannot be directly determined.

- Recovering the commit branch of origin is not a 100% solution. There are several roadblocks preventing this
  - Implicit merges
  - Developer changes to git history
  - Ambiguous branch pointers

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Motivation

- Branches are used frequently in Git

    - Reflect developer intent (branch is made to solve problems)

    - Workflows: short-lived topic branches and long-term stable branches

- Grouping commits into related logical change sets is critical for interpreting the historical information

    - Common grouping methods (based on author [Meng et al. ICSM'13], files or sliding time window [Zimmermann et al. TSE'05]) approximate developer intent

    - Commit branch origins directly reflect developer intent