

Taesting cheesecake

Integrate Your Test Reports Easily with FlowCov

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Full Stack Developer

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Preparing for New York



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2020.2**



Preparing for New York



Test Coverage for BPMN

camunda / camunda-bpm-process-test-coverage

Watch

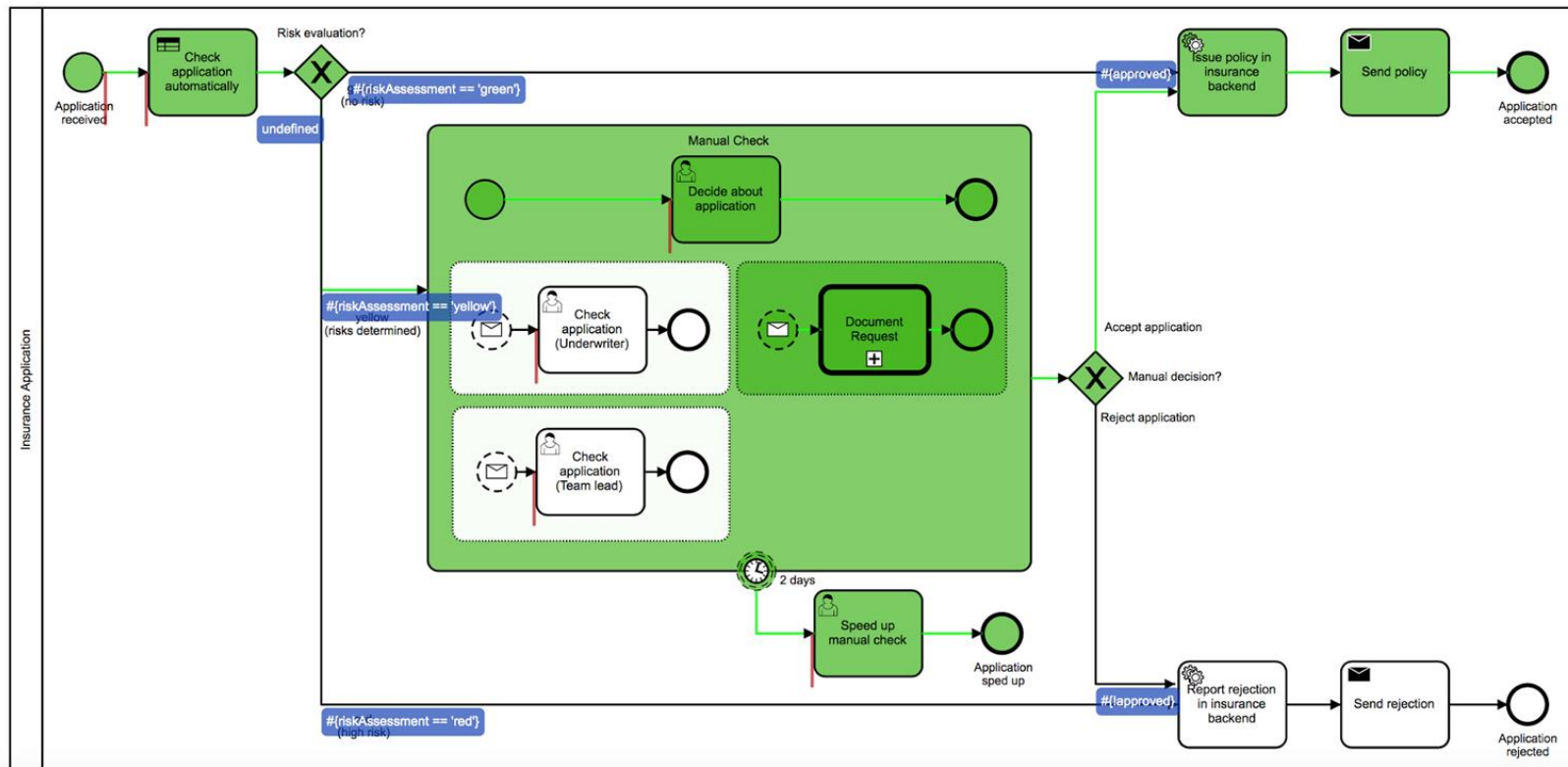
22

Unstar

32

Fork

29



About

Community Extension Helper library to visualize which parts of a BPMN process have been covered by a unit test

[Readme](#)

[Apache-2.0 License](#)

Contributors 13

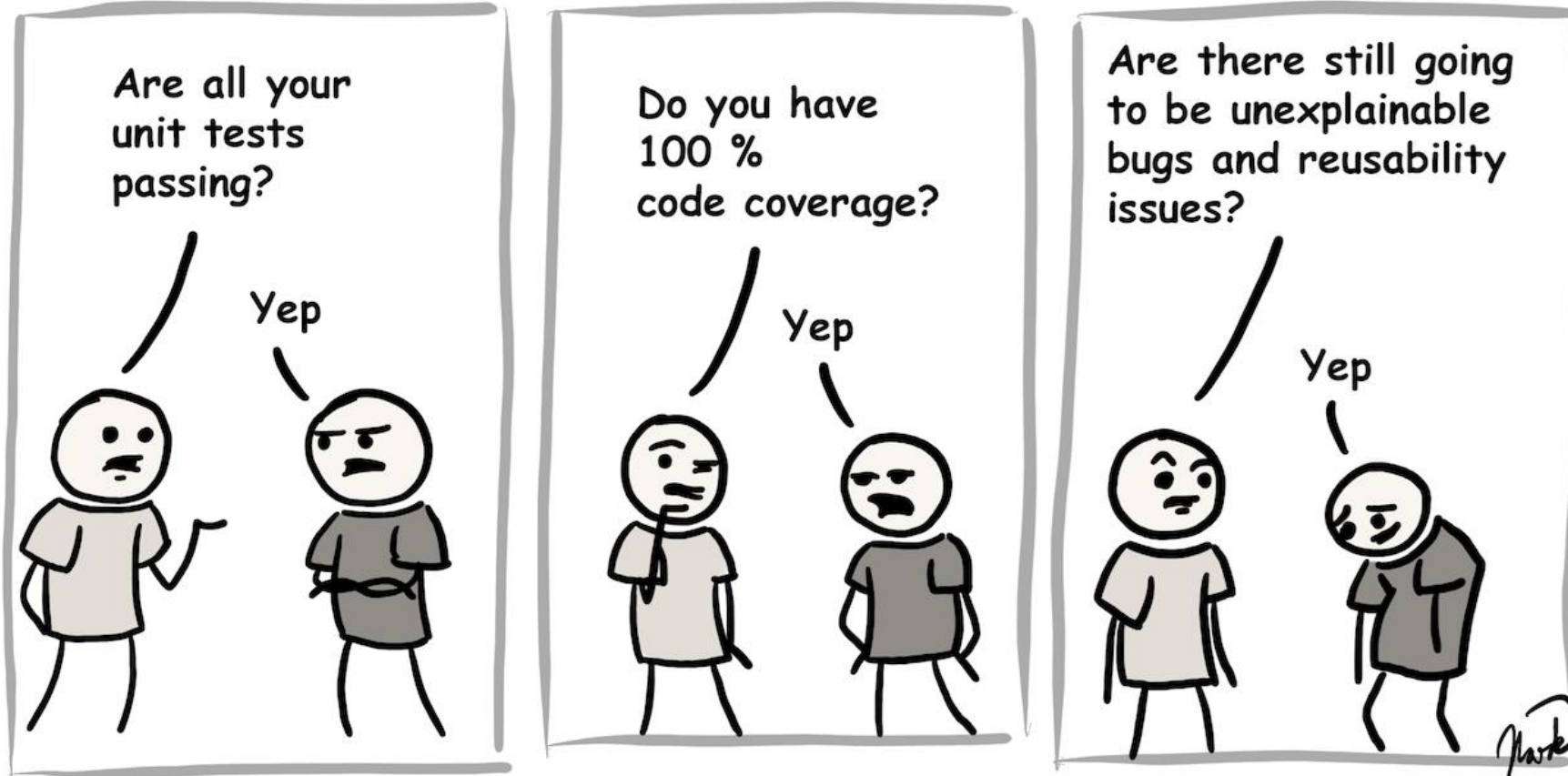


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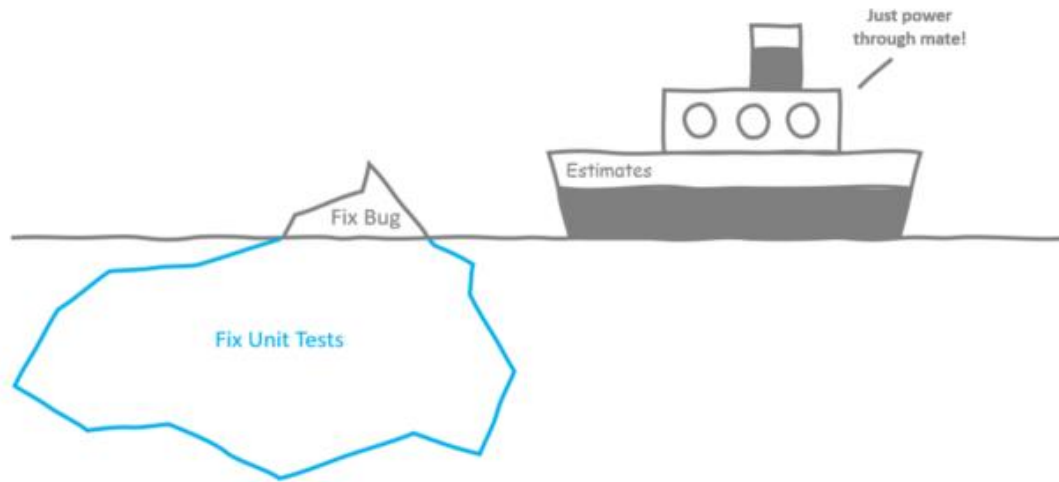
Test Class: com.camunda.flowcovexample.ProcessScenarioTest



Code Coverage for better



Code Coverage for better quality



Better confidence in Code

- Courage to refactoring
- Implement new features without fear

Write testable Code

- Easy to understand
- Keep the single responsibility principle
- Avoid complex dependencies

Tests are executed

- Confidence in the deployment
- Build into the pipeline

<https://medium.com/@don.016/hard-to-write-unit-tests-are-a-code-smell-81f9690a7725>

Code Coverage for better quality

The image is a collage of various software development quality and CI/CD tools. In the top left, a CI/CD dashboard shows a successful build for 'your/project-name' with a message from Codecov: 'Coverage for your/project-name increased + 4.02% on master'. Below this, a list of checks shows 'All checks have passed' for 'ci/your_ci', 'codecov/project/frontend' (85% coverage), and 'codecov/project/backend' (Absolute coverage inc). A large pink Codecov logo is in the bottom left. In the center, a 'CODE CLIMATE' logo is overlaid on a screenshot of the Code Climate interface, which shows a 'Summary of May 23rd - 29th' with a '3.2 GPA' and a list of code quality improvements. To the right, a 'CODACY' dashboard displays 'Project Certification' metrics: Code Complexity (95%), Code Style (88%), Compatibility (100%), Error Prone (0%), Security (98%), Documentation (No Patterns), Performance (100%), and Unused Code (100%). It also shows an 'Issues Breakdown' with 127 total issues and a 'Coverage' section with 64% LWC covered. At the bottom right, a 'sonarqube' logo is next to a screenshot of the SonarQube interface, showing '0 Bugs', '0 Vulnerabilities', '2.4k Lines of Code', and '73 Code Smells'. The overall theme is code quality and coverage.

Test Coverage for BPMN

camunda / camunda-bpm-process-test-coverage

Watch

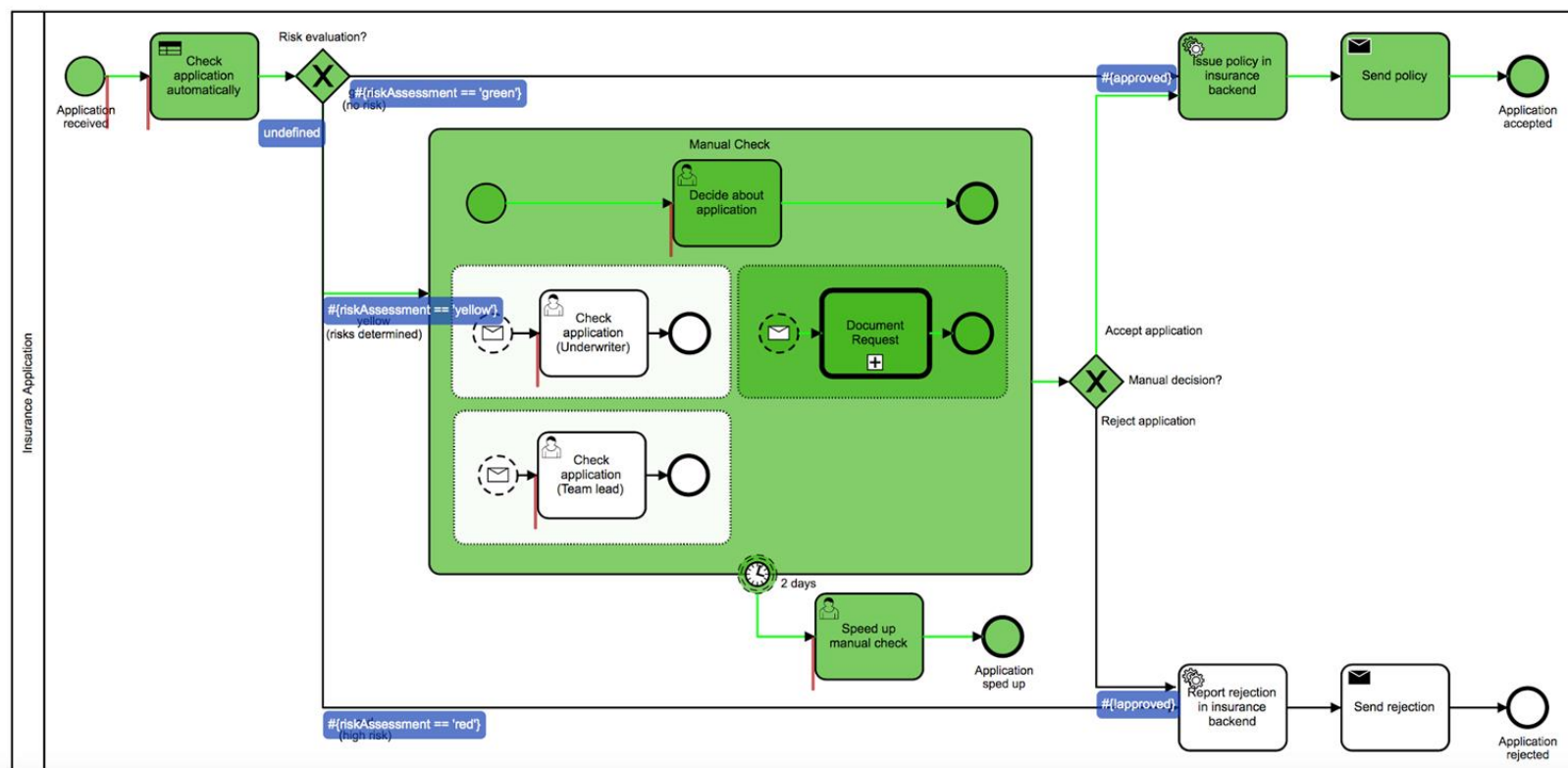
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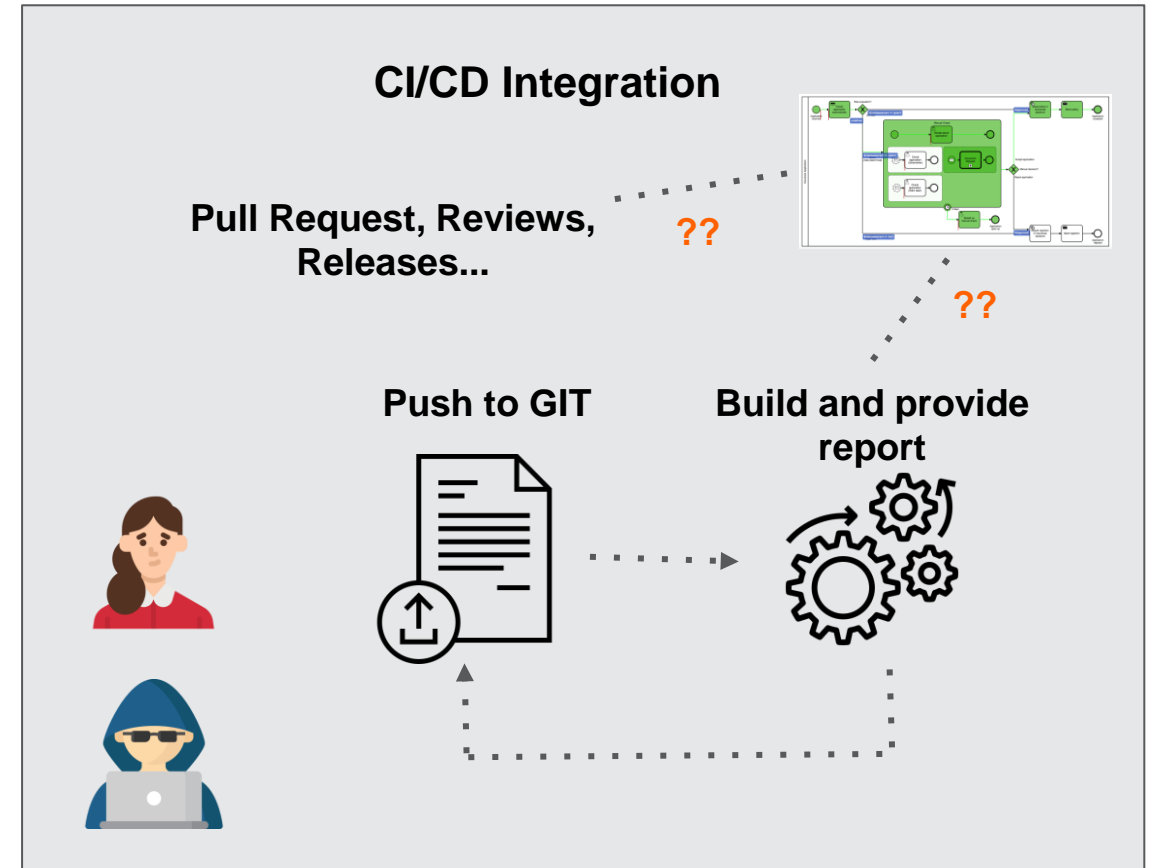
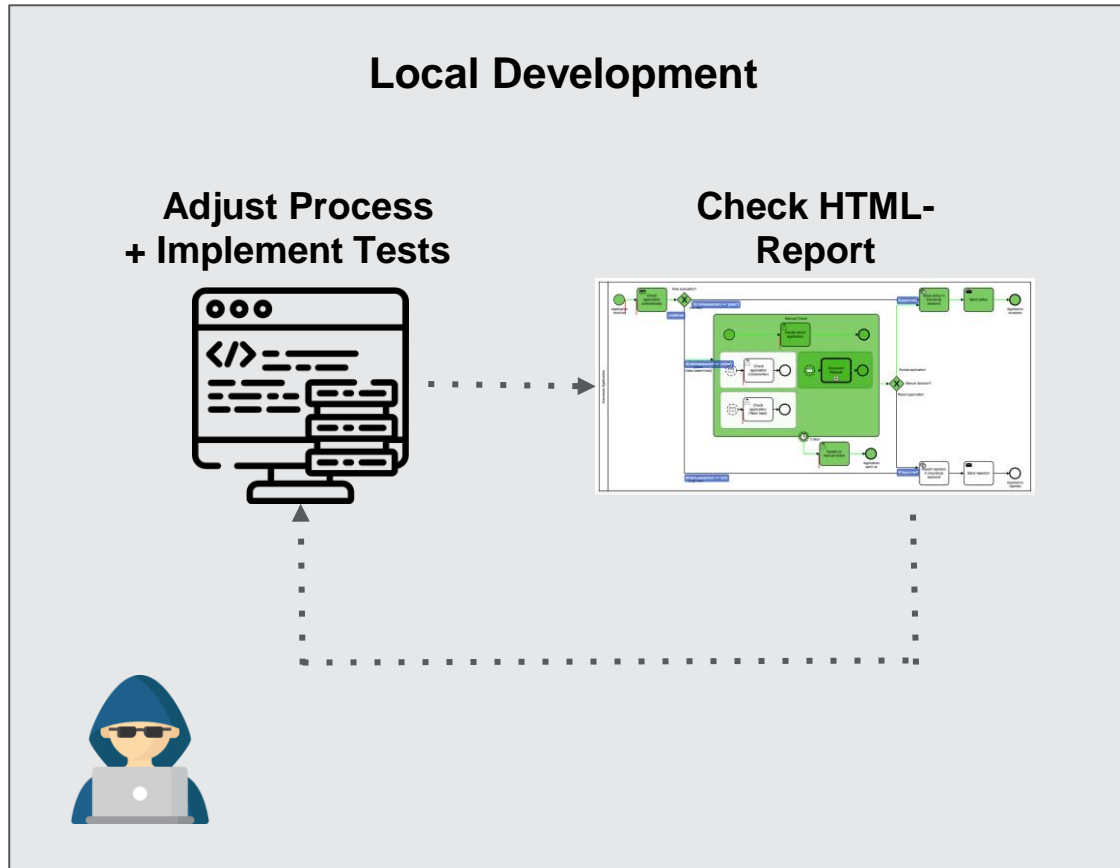
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Issues we face in projects

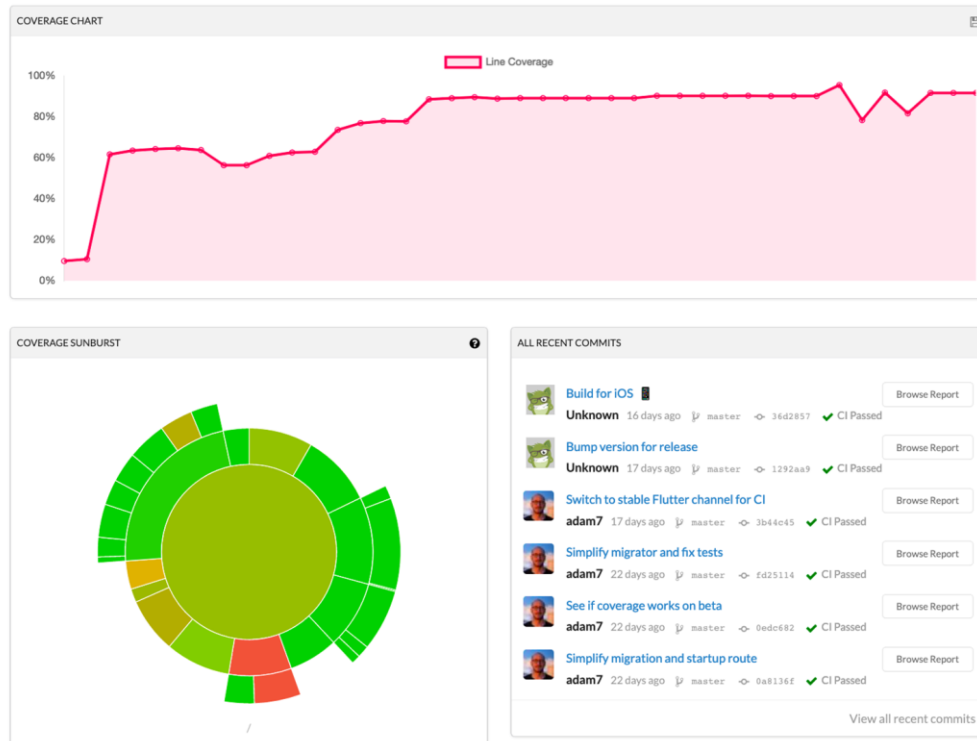
- CI/CD Integration



Issues we face in projects

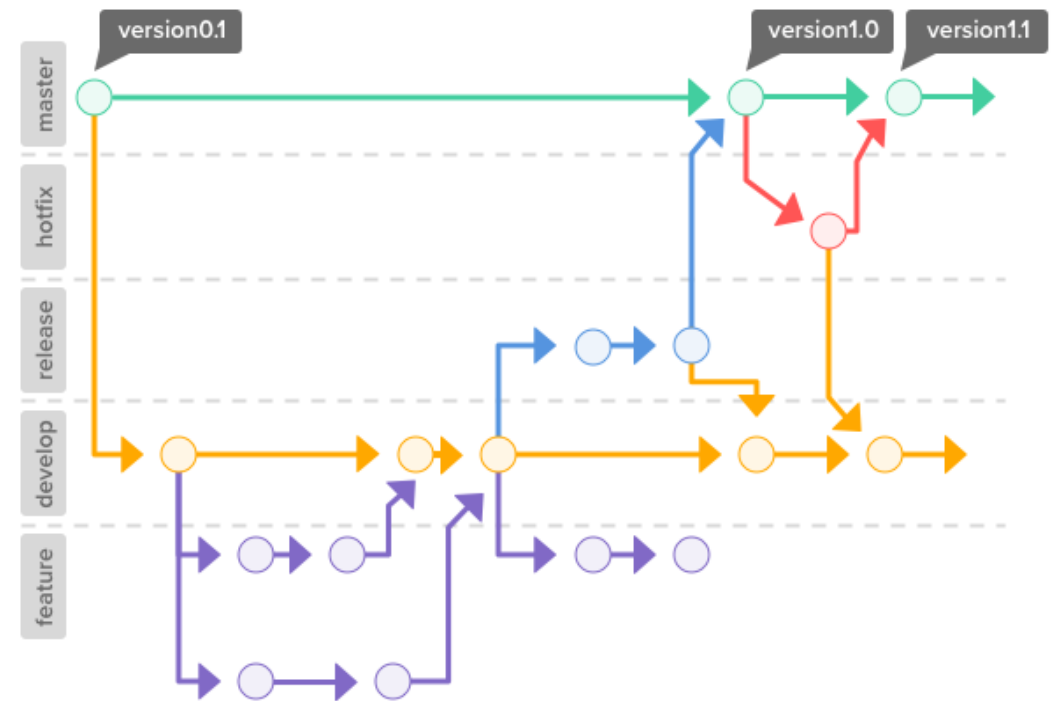
- Traceability

Coverage Reports



<https://admcpr.com/ci-for-flutter-with-github-actions-part-2-code-coverage-and-matrix/>

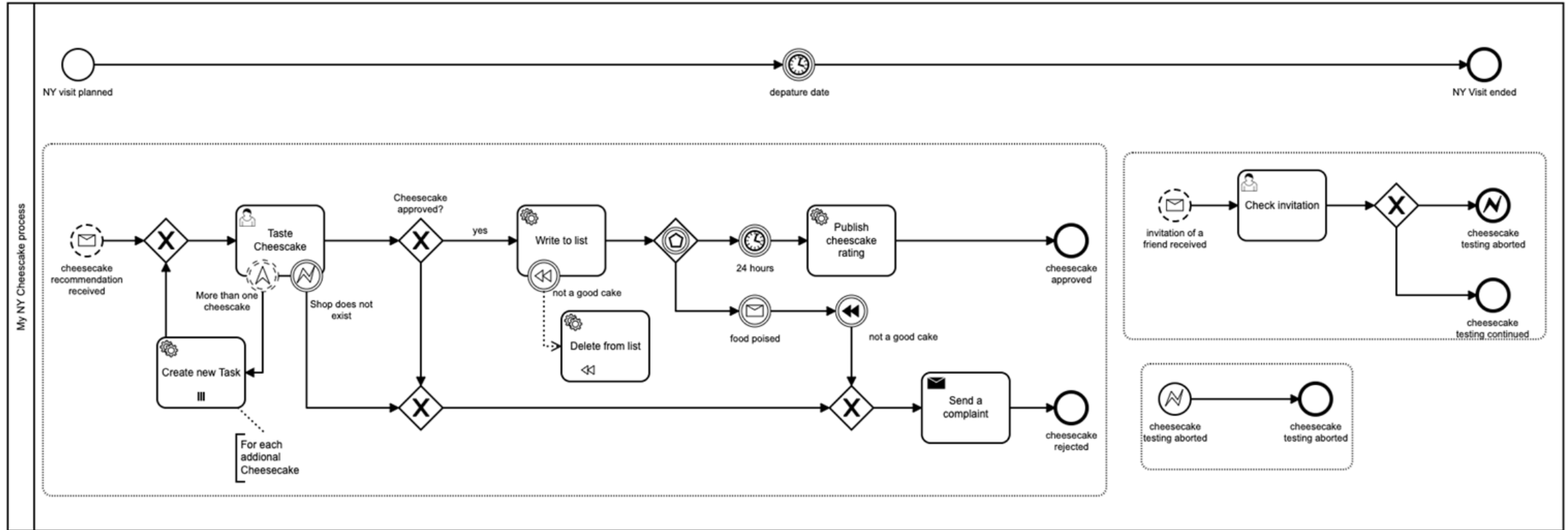
Git Integration



<https://admcpr.com/ci-for-flutter-with-github-actions-part-2-code-coverage-and-matrix/>

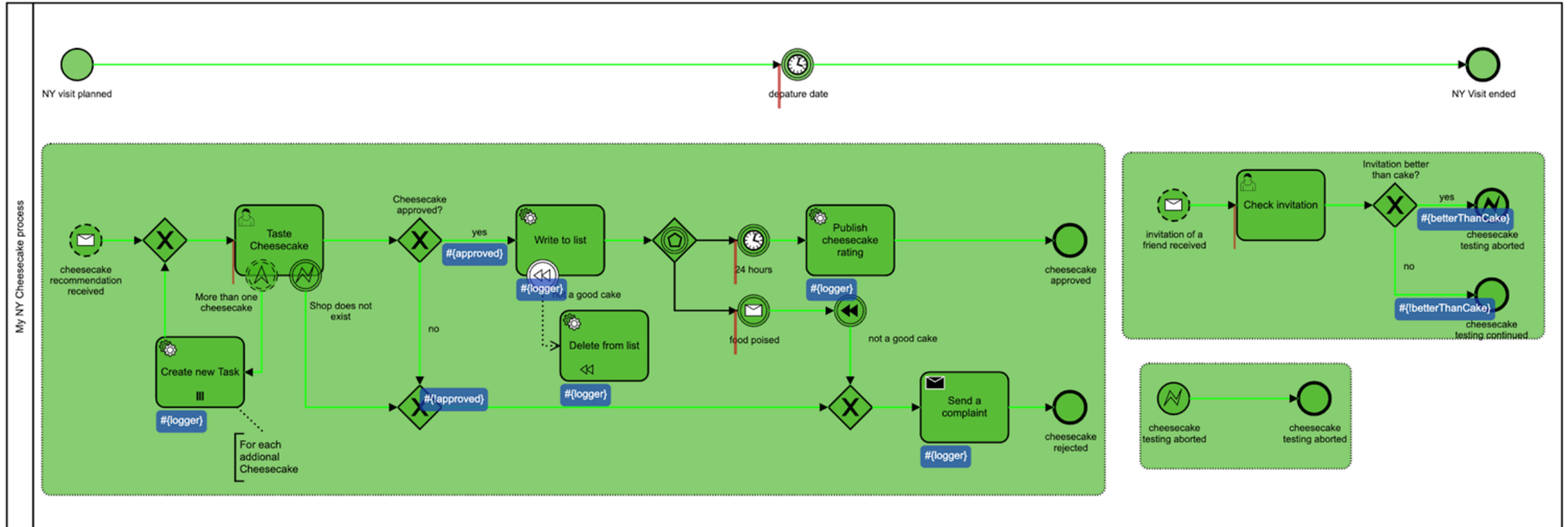
Issues we face in projects

- Understandable Models



Issues we face in projects - Understandable Models

Process Definition Name: myNYCheesecakeProcess
Coverage: 94,8 %
Test Class: com.camunda.flowcovexample.ProcessScenarioTest



Live Demo

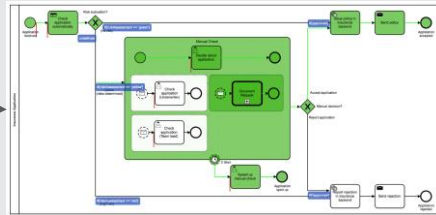
Open-Source focus

Local Development

Adjust Process
+ Implement Tests



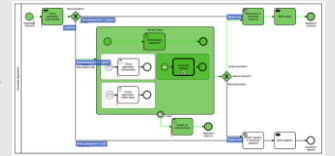
Check HTML-
Report



CI/CD Integration

Pull Request, Reviews,
Releases...

??



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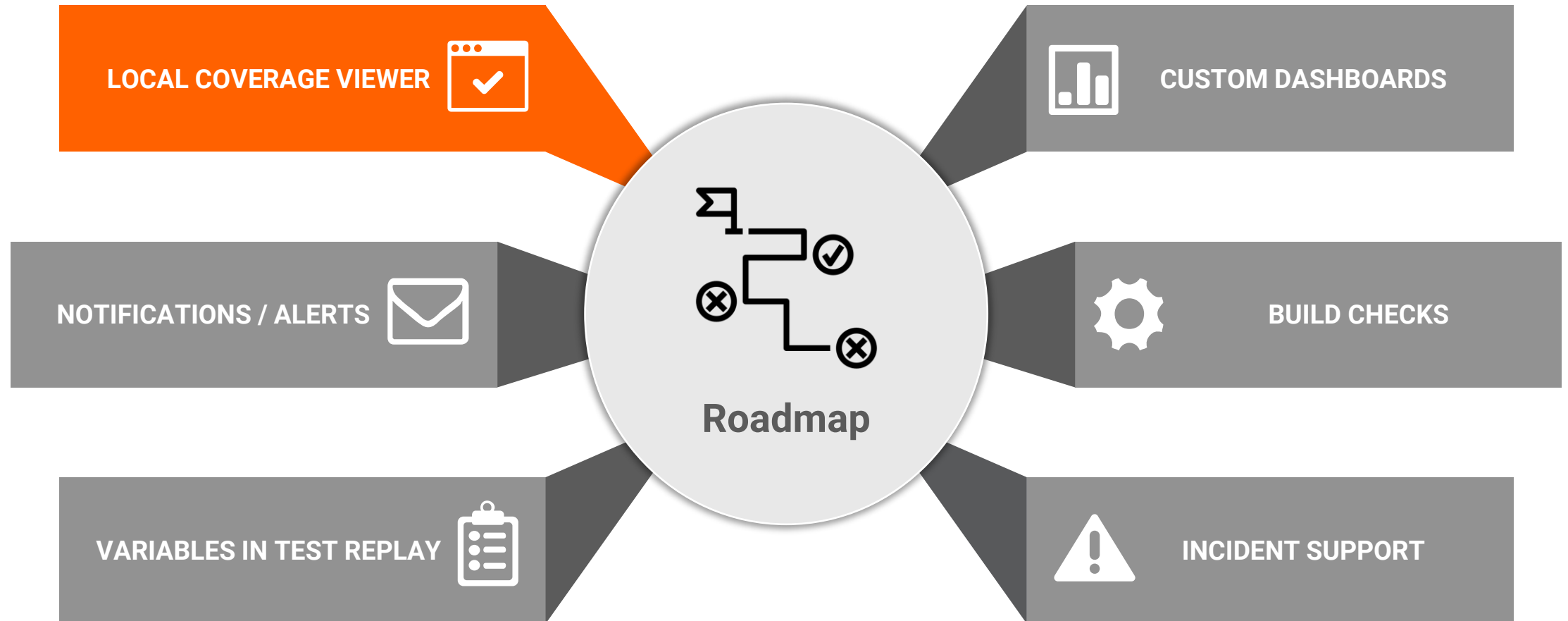
Push to GIT



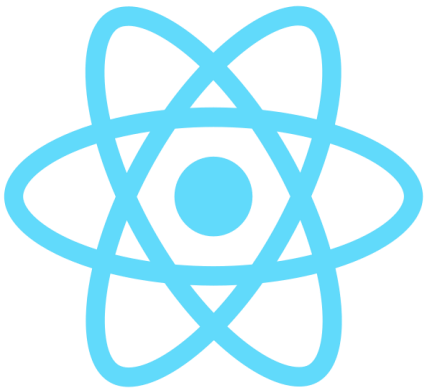
Build and provide
report



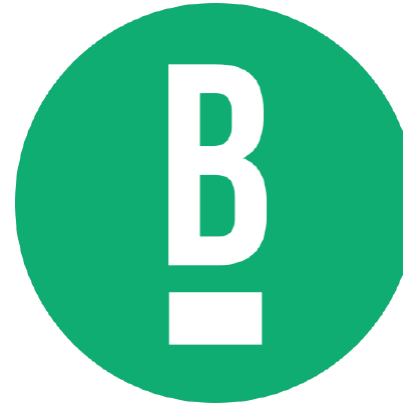
Roadmap + Contribution



Technologies for Contributing



React



bpmn.io



electron

Beta Testers Wanted



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Questions?

