



BudgetSimple

CI / CD

BudgetSimple

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Version history

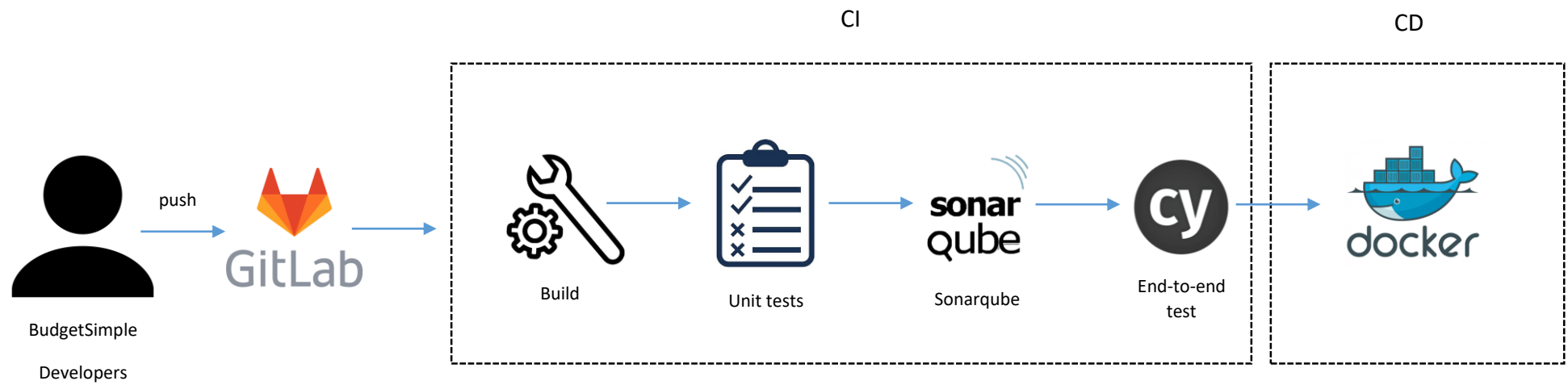
Version	Date	Author(s)	Changes	State
1.0	14.01.2022	Stela Trencheva	CI / CD diagram and description	Final release

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1. CI / CD diagram



2. Context

BudgetSimple implements continuous integration and continuous delivery and deployment executing a couple of actions. When the developer pushes new code to the Gitlab environment, the application is built and the unit tests are executed. Then the code is uploaded to Sonarqube where the quality of the code is checked and reported. After that the Cypress End to End tests are executed and if they pass the application goes to the CD of the pipeline where it is built to the Docker containers and this way the code is updated. Using CI / CD in the application automates the release of the software and helps find a bug quicker.