Federal University of Acre
Computer Science Postgraduate Program

Distributed Software Development

Exploratory Analysis on Pull Requests

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Abstract

- This work intend to perform exploratory analysis on Pull Requests data extracted from GitHub. The goal is to explore data from a software repository and present results on the acceptance, lifetime and reviewers assignment scenarios.

Method

- Technique based on statistical methods.

- The results should **characterize the bases, confront/confirm and/or add conclusions** about the nature of PRs, based on work: *On the nature of pull requests: na study about this collaboration paradigm over open-source projetcts using association rules.*

Dataset

#	Name	Project	#PRs	Scenario
1	Bruno	Jekyll	1238	1, 2
2	Daniel	Infinispan	3114	2, 3
3	Sarah	TrinityCore	2173	1, 3
4	Silvana	Pandas	2233	1, 2
5	Thales	Baysatation12	5196	1, 2

1. Acceptance
2. Lifetime
3. Reviewers assignment

Final Report

- Experiment Detailing
  - Treatment of data
  - Method
  - Thresholds
- Results plotting
- Results discussion