WTFs/Minute tracking service
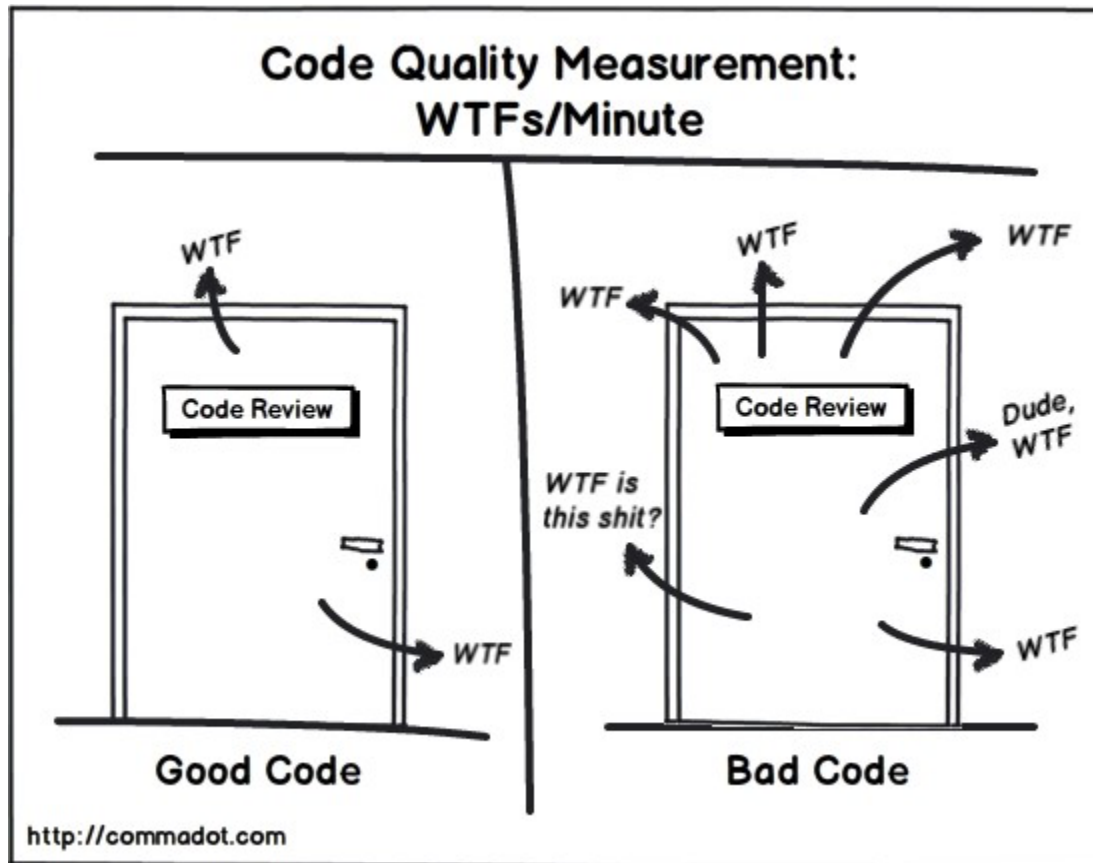
A quick way to flag code that needs to be looked at together

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Objective

1. Get a plugin for an IDE to report the WTF event

2. Make a viewer to identify areas with WTFs

Definition of a WTF event

A WTF event is when a user reports that he found something confusing with some code. The nature of a WTF event should be comprised of:

- Project name

- File path

  - Line number

  - General code sample of about 3 lines

  - WTF reason

  - Datetime

  - User that submitted the event (email)

Technical approach

Endpoint gathering events

Make a simple node js cloud function that collects the data and stores them in Firestore.

IDE integration(s)

Figure out if we want PHPStorm or VSCode, both might be too much. VSCode configuration is usually easier with their JSON settings so I think we should go with this.

Integration should be easy to download if possible. Point and click should be used to select location and report reason. Integration then calls the cloud function to log the event. If integration is not configured for the project, it should ask for configuration of project name and user that submitted the event.

Reporting tool

Create a small VueJS application that loads the events from firestore. Use a charting library to render the data. Use Data Studio maybe?

Demo

Script and generate data

Before demoing, we need a script to generate data so that presentation is viable.

Prepare demo

Notes from Chris Carr:

  - Demo Script

- Slide deck

Practice demo

Notes from Chris Carr:

- Practice demo 6 times

Shine

Let's demo this live and show how cool this is!