Outrigger

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Industrial Revolution

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Industrial Revolution: The Industrial Revolution was a period of major industrialization that took place during the late 1700s and early 1800s. This time period saw the mechanization of agriculture and textile manufacturing and a revolution in power, including steam ships and railroads, that effected social, cultural and economic conditions. - *Investopedia*

Analysis

The Industrial Revolution was a period of major **industrialization** that took place during the late 1700s and early 1800s. This time period saw the **mechanization** of agriculture and textile manufacturing and a revolution in power, including steam ships and railroads, that effected social, cultural and **economic conditions**.

- **industrialization**: the development of industries in a country or region on a wide scale.
- **mechanization**: Mechanization is the process of changing from working largely or exclusively by hand or with animals to doing that work with machinery.
- **economic conditions**: refers to the present state of the economy in a country or region.

Another definition

The Industrial Revolution was the transition to new manufacturing processes in the period from about 1760 to sometime between 1820 and 1840. - *Wikipedia*

The Telegraph

A "telegraph" is a device for transmitting and receiving messages over long distances, i.e., for telegraphy. ... A telegraph message sent by an electrical telegraph operator or telegrapher using Morse code (or a printing telegraph operator using plain text) was known as a telegram.

Telegraph Cont.

- Used to transfer messages across long distances
- Bells invention was used until the invention of computers
- Morse code is still used today

Outrigger

Meet Outrigger

Outrigger is a better out of office responder. With smarter email notifications for Gmail and G-Suite users.

Origin Story

The idea for Outrigger began on a family vacation and was shaped by the observation that most email out of office (OOO) messages either create too much friction when a message is truly urgent or rub the original sender the wrong way. As a result, people rarely set them and when they do, many check their email anyway.

Why?

There are 3.7 billion email accounts world wide. Each day, humans sent a staggering **269 billion** emails.

Every day, the average office worker receives 121 emails and sends out 40 emails.

> We designed and built Outrigger to help people, including ourselves, create some space between themselves and their email inboxes to better focus on whatever's important.

What is it?

Features

- **Customizable Notifications**: Get email notifications through your preferred channel (SMS, Slack, Telegram, etc. . .)
- **Auto-Replies**: Respond to new messages with a customizable message and notification link. (Useful for expos and meetings, etc. . .)
- **VIP Whitelist**: Immediately receive a notification when a VIP emails you.
- **Periscope**: If someone replies to an email you sent before a user-defined interval, you get a notification.

Features Cont.

- **Contact Integration**: Only send auto-replies to people in your contacts.
- **Customizable filters**: Setup filters limit auto-replies being sent.
- **Blacklist**: Hate your snobby neighbor? Want to stop sending them Auto-Replies? Then, add them to your blacklist!

Roadmap

- **Calendar integration**: Outrigger will turn itself on or off based on your calendar appointments.

- **Machine Learning/AI**: Eventually Outrigger will determine the best settings for your inbox. Additionally, it will learn who is important in your network and prioritize notifications from them.

Technical

Architecture

With a database storing user accounts, Outrigger is able to leverage enough of Google's APIs to allow for a maximum of 6-16% CPU usage during peak use hours.

Infrastructure

Currently, Outrigger is running on a single free tier instance on AWS. Which will be free until the end of 2019, afterwards **Outrigger will cost 24 dollars a month to run**.

Maintainability

At **11,523** Lines of JavaScript spread across **83** files, Outrigger is reasonably maintainable. Outrigger only requires **52** dependencies from NPM, most of which are used for logging.