



## Build Software Better Together

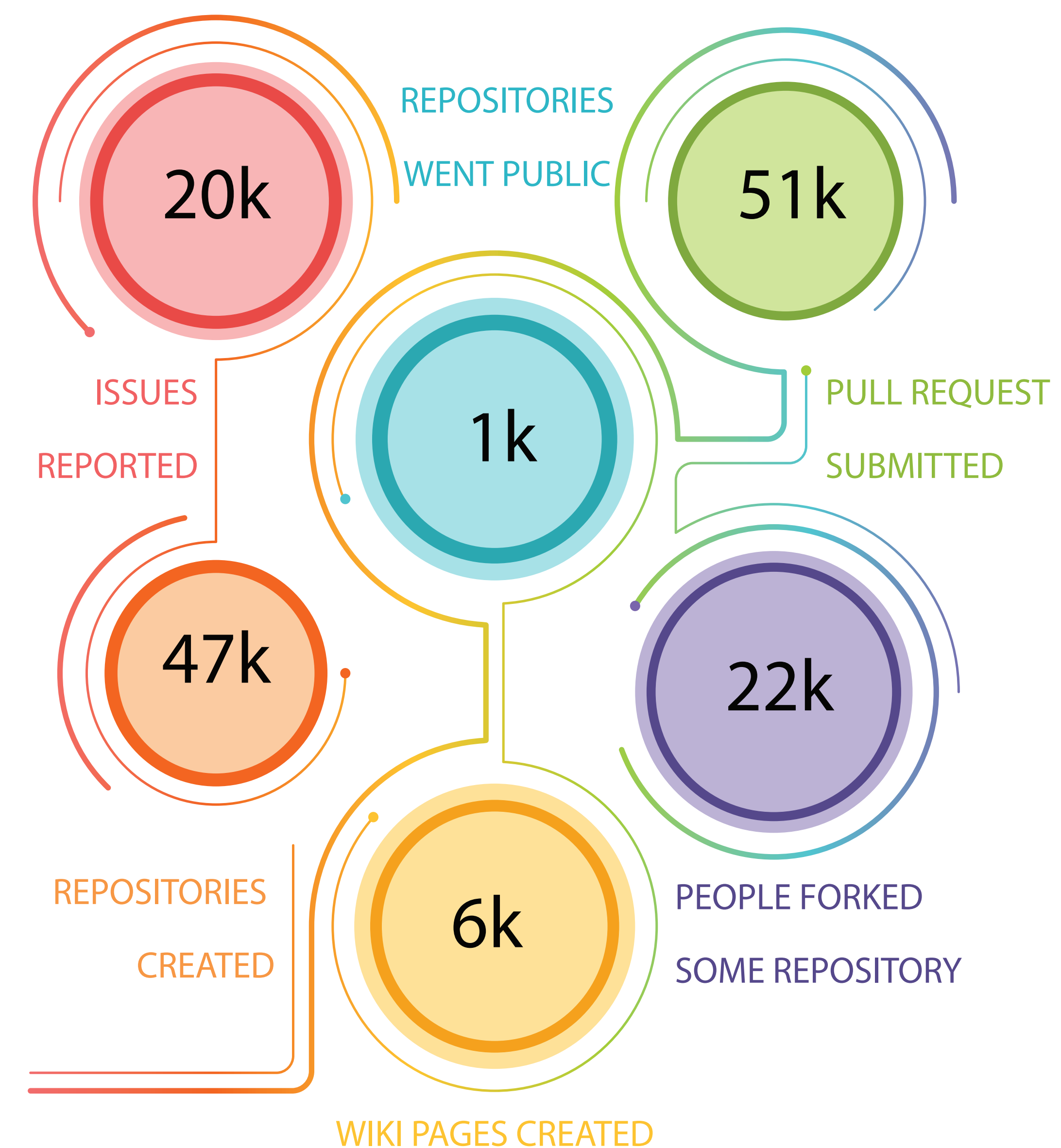
Open-source developers all over the world are working on millions of projects: writing code & documentation, fixing & submitting bugs, and so forth. GitHub Archive is a project to record the public GitHub timeline, archive it, and make it easily accessible for further analysis.

The entire GitHub Archive is also available as a public dataset on Google BigQuery: the dataset is automatically updated every hour. For analysis purpose datasets used are:

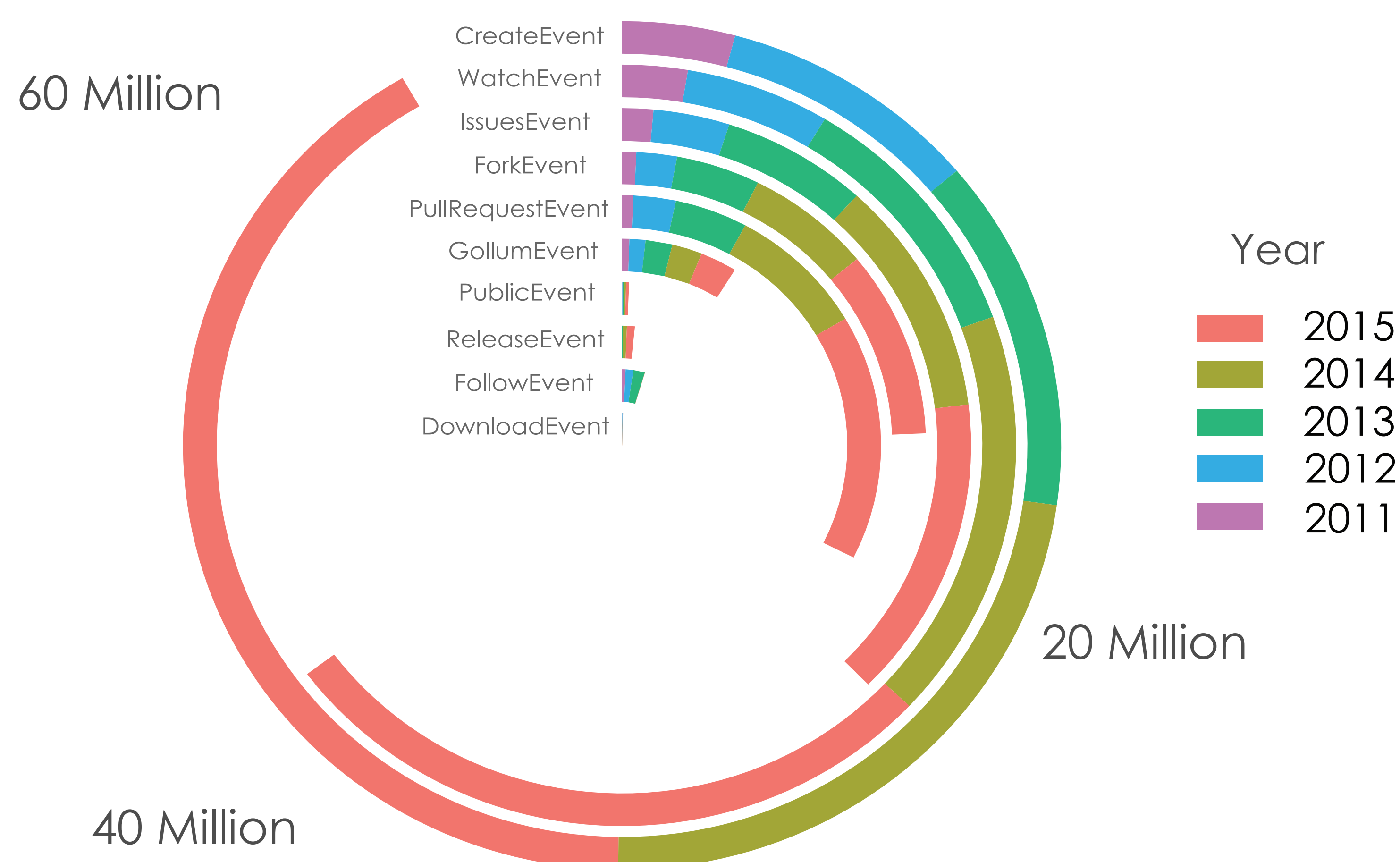
Year - 2011 , 2012, 2013, 2014, 2015  
Day - Nov 24th 2016

GitHub provides 20+ event types, which range from new commits and fork events, to opening new tickets, commenting, and adding members to a project. These events are aggregated into hourly archives, which you can access with any HTTP client.

## On Thanksgiving 2016 what happened on Github??

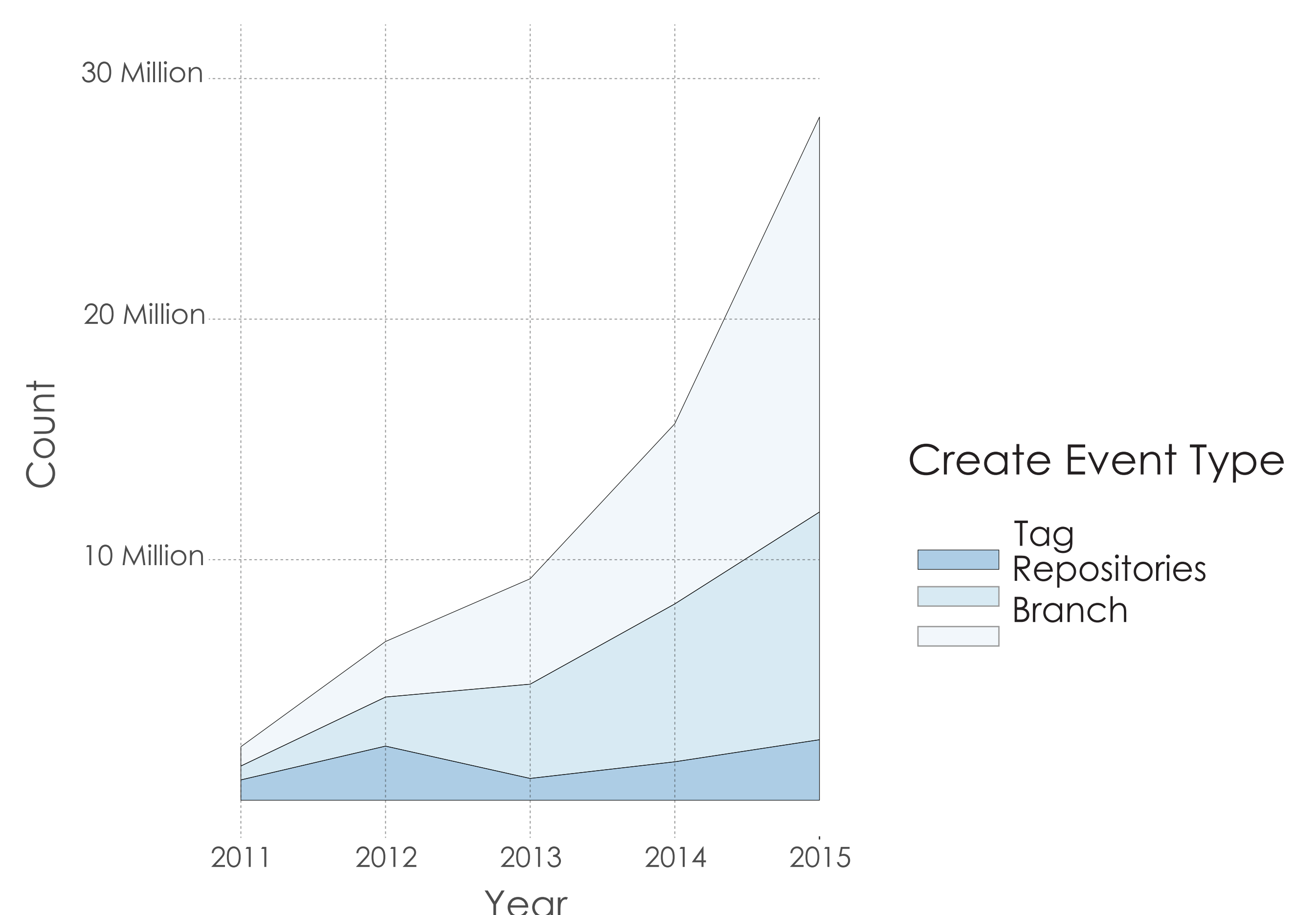


## git Github event trends for last 5 years??



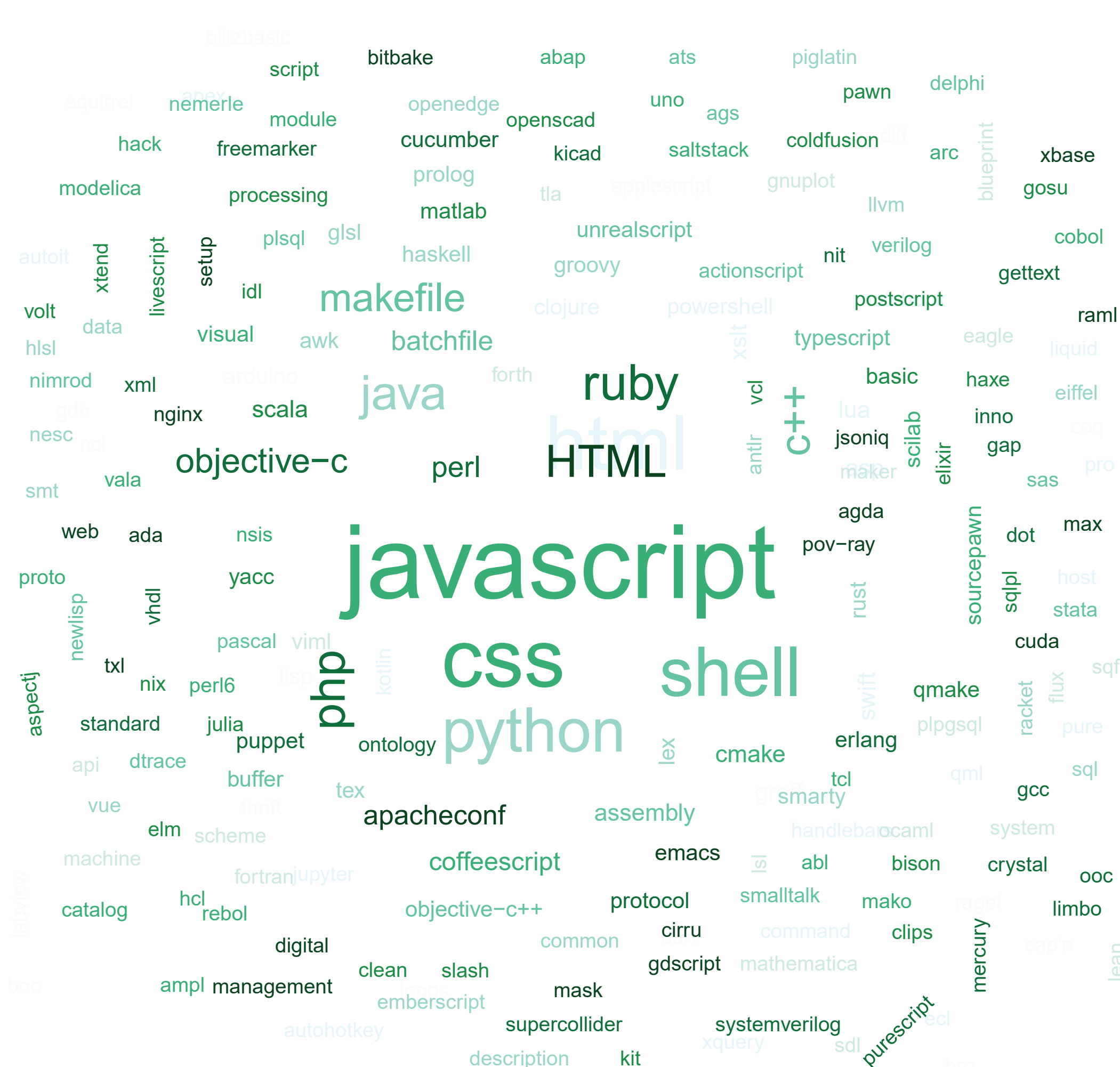
Over the last 5 years, activities on GitHub have exponentially increased. The most frequent events were - Create, Watch and Issue. Github doesn't generate few events like Download and Folw anymore.

## Repositories Vs Tags Vs Branches??



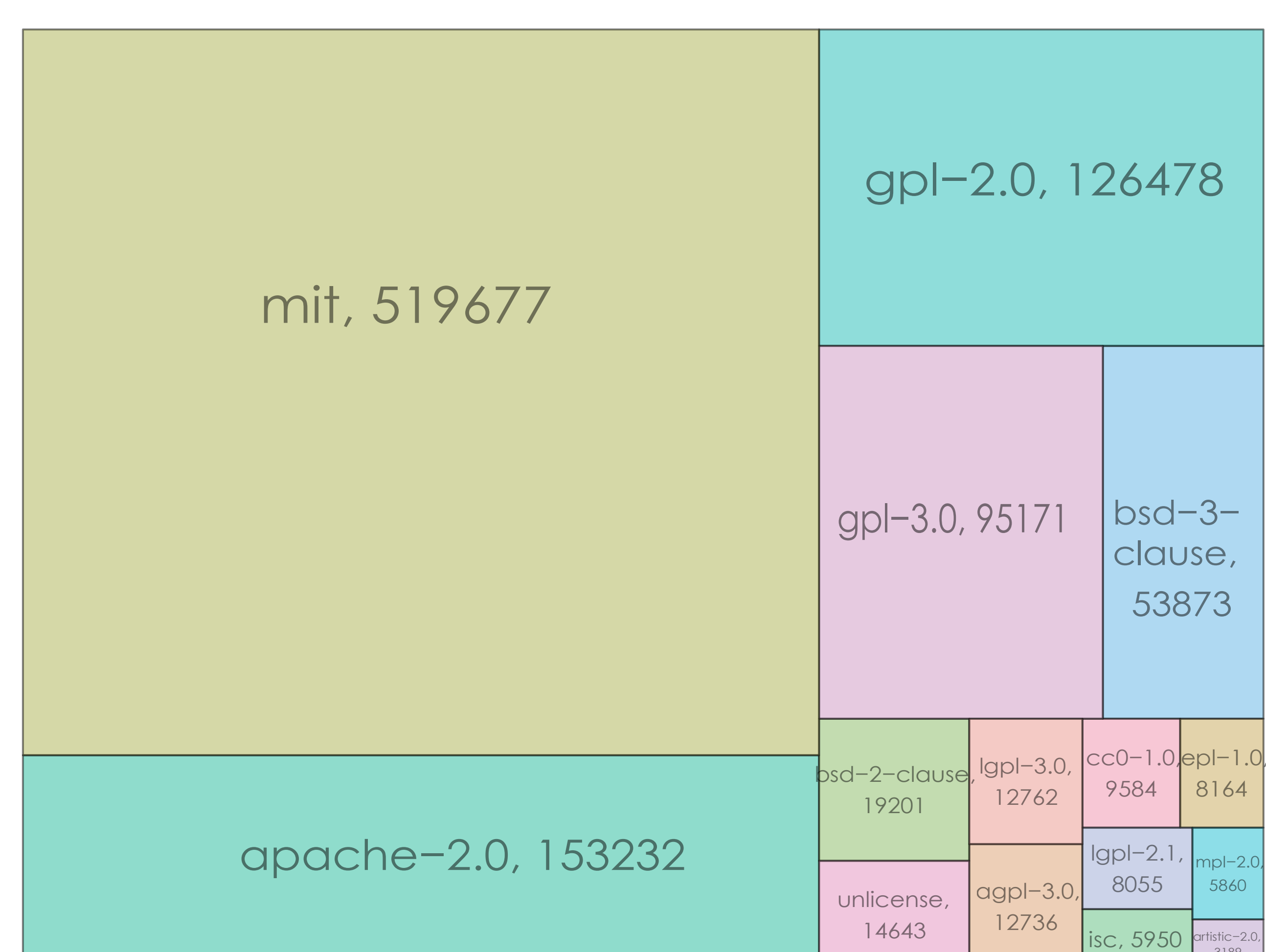
Branch, Repositories and Tag are 3 types of create events. In 2013, creation of Tags was at its low and didn't increase whereas creation of repository and branches sharply increased.

## git Programming languages popularity??



Top 5 popular languages on GitHub are javascript, HTML, CSS, php and ruby which indicate user's interest towards web development.

## Repositories under different licenses??



Public repositories on GitHub are often used to share open source software. Top 3 licenses used are MIT, GPL-2.0 and APACHE-2.0.