**Project Title**:

Evolution of source code in Tornado, an open source API Web Framework provided by Facebook.

**Motivation**

Web application interfaces (API) have become key components in the consumption and production of data powering millions of applications on mobile devices and traditional computer browsers. Open source projects such as the Facebook Tornado API is an example of an API that is used to handle thousands of simultaneous standing connections to support real-time web services. My motivation and goal for this project is to analyze and visualize code development progression in the Git hub repository for the different framework components included in the API, attempt to identify key components, and identify development trends since 2009.

**Original research questions**:

What were the original key components of the framework that lead to its current development stage?

What components in the framework have been developed more predominantly?

Number of contributors involved since its publishing to the Git hub repository.

What are the major releases and the number of contributors involved in each one?

What common applications are using this framework?