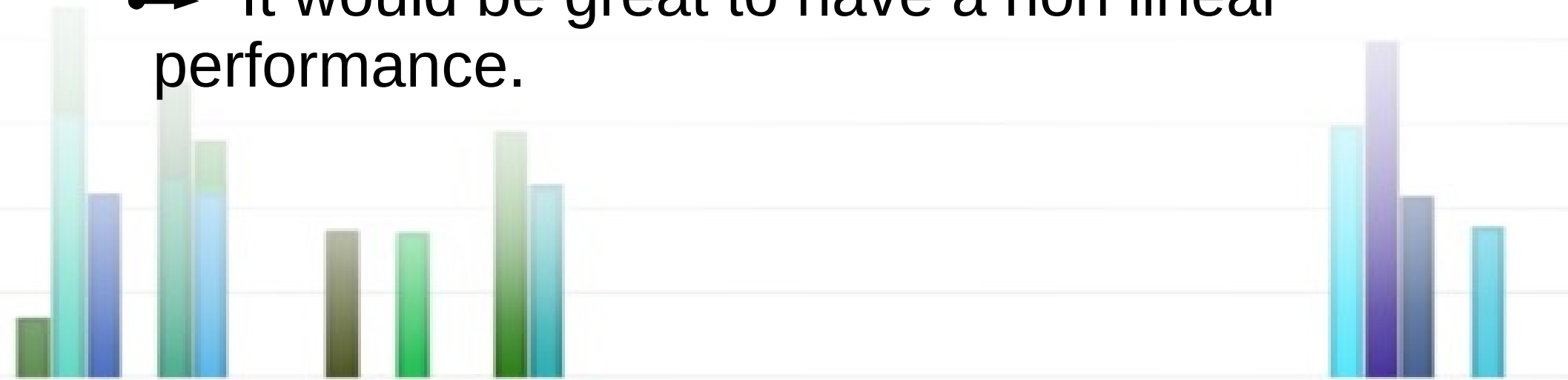
# Performance Network

Visualizing the impact of a commit over the performances of the whole project.

# Motivation

- For many products, execution speed is a selling point.
- Project construction is not something linear.

⟶ It would be great to have a non linear performance.



# What already exist?

- Github network graph.
- ScalaMeter

# Performance network

- Centralize data from git and a benchmarking server to create a performance graph.

# Demonstration

# Why collecting data on the JVM?

- Need to write and read files.
- Cross domain requests.
- Become slow if the repository is big.
- At the cost of 3 sec of computation every two hours, it allow the application to start instantly.

# On server side

- Generating the network with data from git.

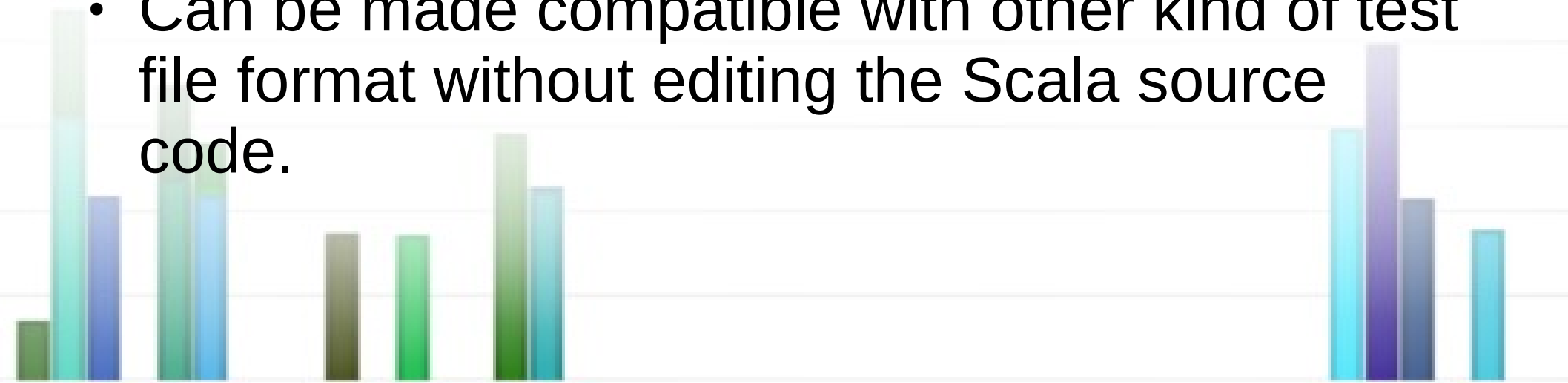
- Collecting the data from the test server and parsing them.

# On client side

- Display the data
- Artificially spread the commit for better readability.

# Integrating the application

- Four vanilla JavaScript structures to control many graphical parameter.
- Possibility to change the git repository and the test server.
- Can be made compatible with other kind of test file format without editing the Scala source code.



# Question ?