Analyzing developers network in a community

Community Devroom - FOSDEM
Brussels, Feb. 03, 2018

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Introduction

GrimoireLab
Kibana+ES
Network plugin
Open source platform for:

1. Data Gathering

http://grimoirelab.github.io/
Open source platform for:

1. Data Gathering
2. Data Enrichment

http://grimoirelab.github.io/
Open source platform for:

1. Data Gathering
2. Data Enrichment
3. Data Visualization

http://grimoirelab.github.io/
Tartas, Líneas, Barras, Tablas… ¿Por qué no Redes/Grafos?
Tartas, Líneas, Barras, Tablas... ¿Por qué no Redes / Grafos?
Network plugin

Analyzing communities

Where
Node-Node
Node-Relation
Customization
Website: https://dlumbrer.github.io/kbn_network/

Repo GitHub: https://github.com/dlumbrer/kbn_network
2 different types of nodes related between them:
Just one type of nodes (Node), but they are related by other field (Relation):
You can change the size of the nodes by a metric:
You can change the size of the edges by a metric:
Several options (important) in order to make the network more scalable and customizing it.

Tab “options”

Node color (bucket)
Communities

Uses cases

Git
Slack
And more...
Tartas, Líneas, Barras, Tablas… ¿Por qué no Redes / Grafos?
Tartas, Líneas, Barras, Tablas… ¿Por qué no también Redes/Grafos?
/more
Issues, Pull Requests, whatever you want...
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Bonus

- Searchtables plugin
- Dotplot plugin
- Dropdown plugin
Search in the tables (without applying filters)

https://github.com/dlumber/kbn_searchtables
Dot plot with metrics in the two axis

https://github.com/dlumbrer/kbn_dotplot
Filtering by a “dropdown” that allows to select values of a field previously selected

Origin: https://github.com/AnnaGerber/kibana_dropdown
Adapted Kibana 5.6: https://github.com/dlumbrer/kibana_dropdown
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