FINAL DEGREE PROJECT

Director: Francisco Ortin Soler
Author: Álvaro González Reneses

A FRAMEWORK FOR SOCIAL NETWORK ANALYSIS

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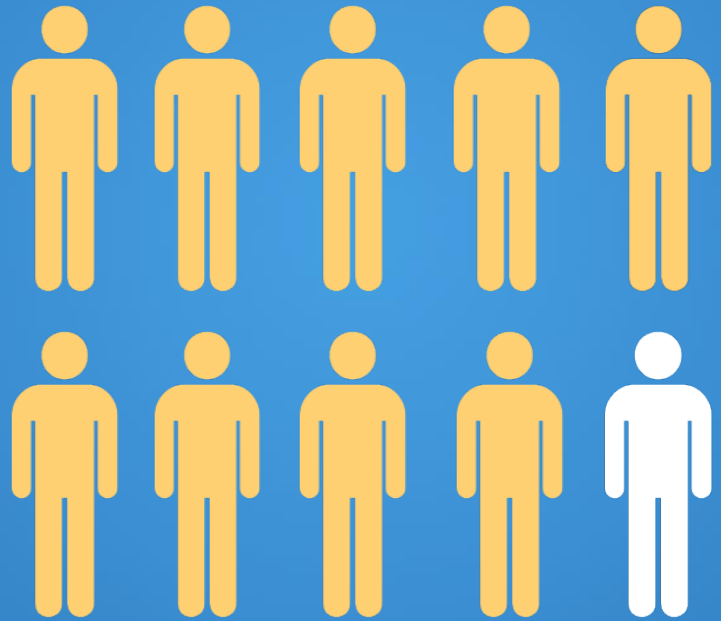
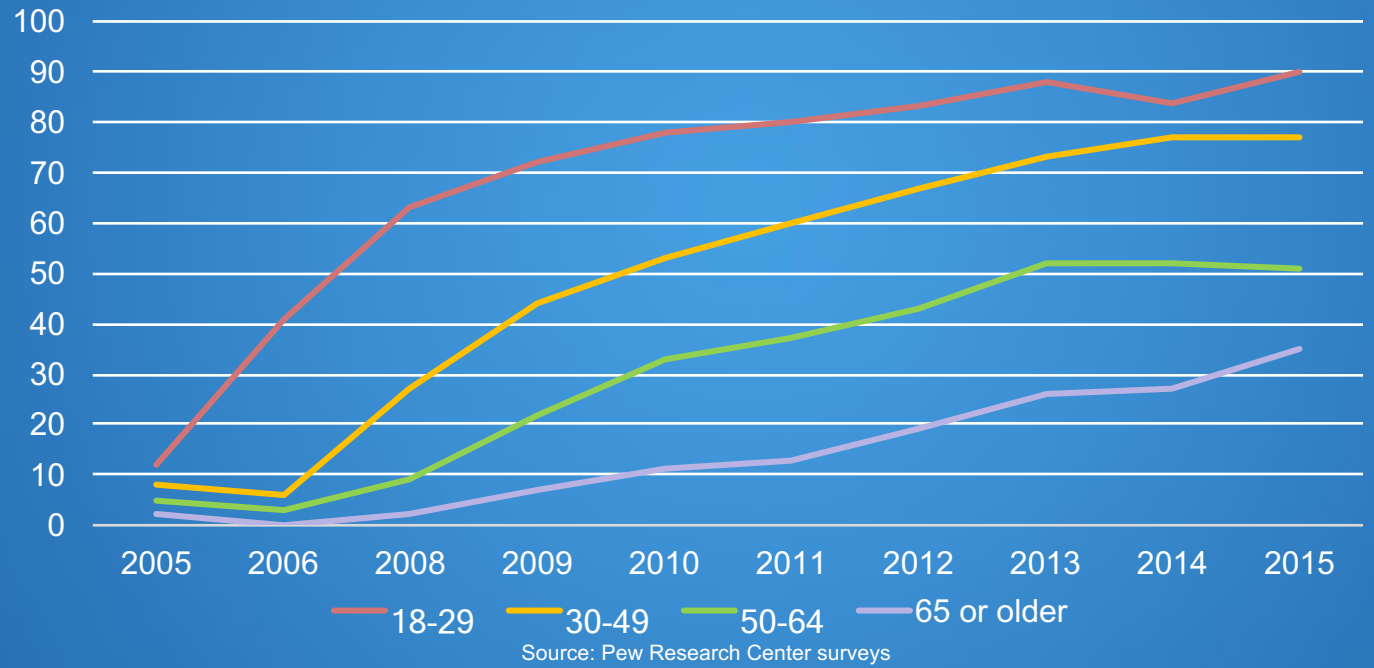
WHY SOCIAL NETWORK ANALYSIS?

WHY SOCIAL NETWORK ANALYSIS?



WHY SOCIAL NETWORK ANALYSIS?

Usage Among American Adults



Source: Pew Research Center surveys

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WHY SOCIAL NETWORK ANALYSIS?

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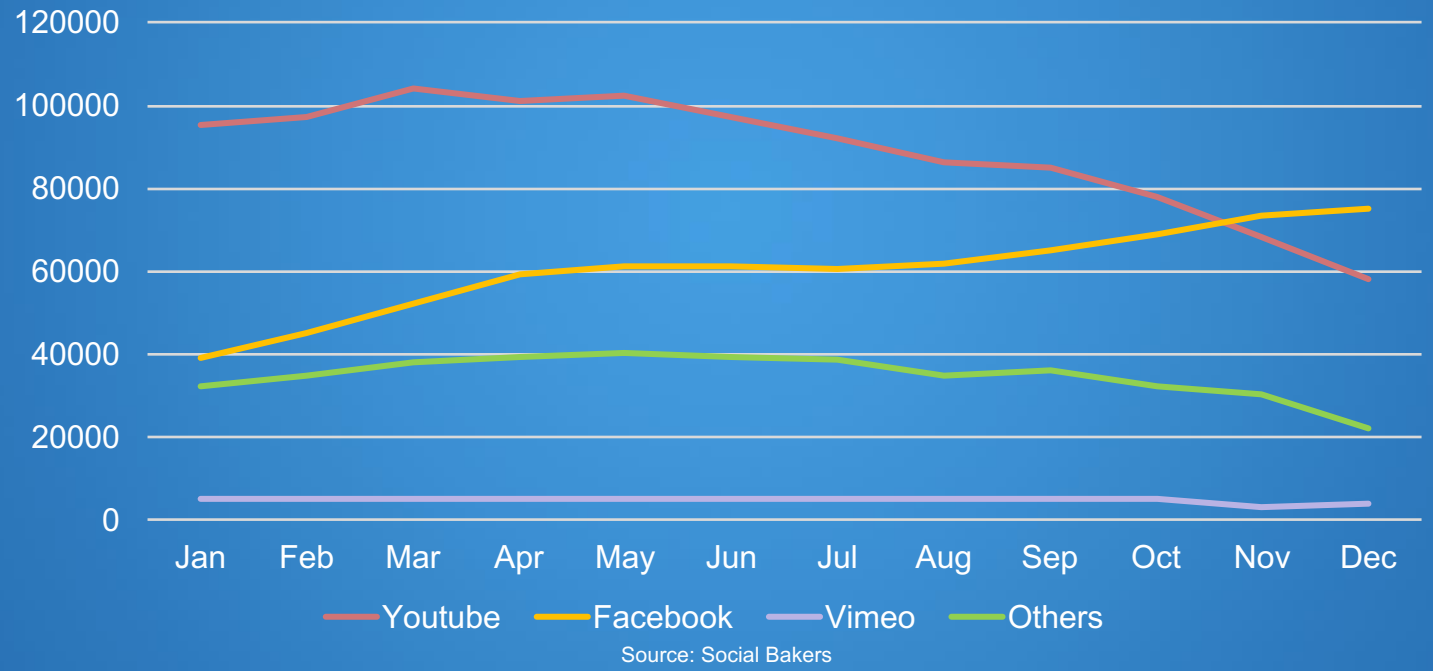
WHY SOCIAL NETWORK ANALYSIS?

Number of Video Posts (2014)



Source: Social Bakers

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WHY SOCIAL NETWORK ANALYSIS?

Social Media Advertising

+33.5% (2015)

$ 24B (2015)

16% of ads (2017)

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WHY A FRAMEWORK?

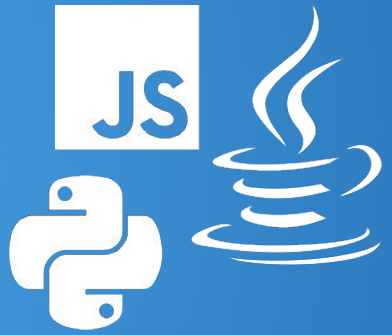
WHY A FRAMEWORK?

Experience

WHY A FRAMEWORK?

Docs

Auth Flows



Libraries

TELA

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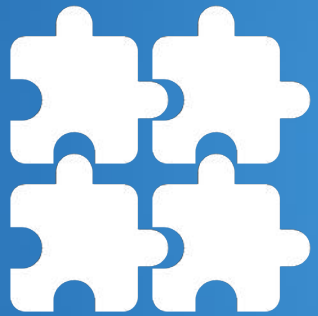
TELA

Open Source

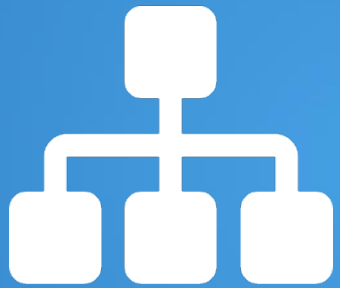
Framework

REST API

TELA



Extensible



Unified

Database

Scheduling

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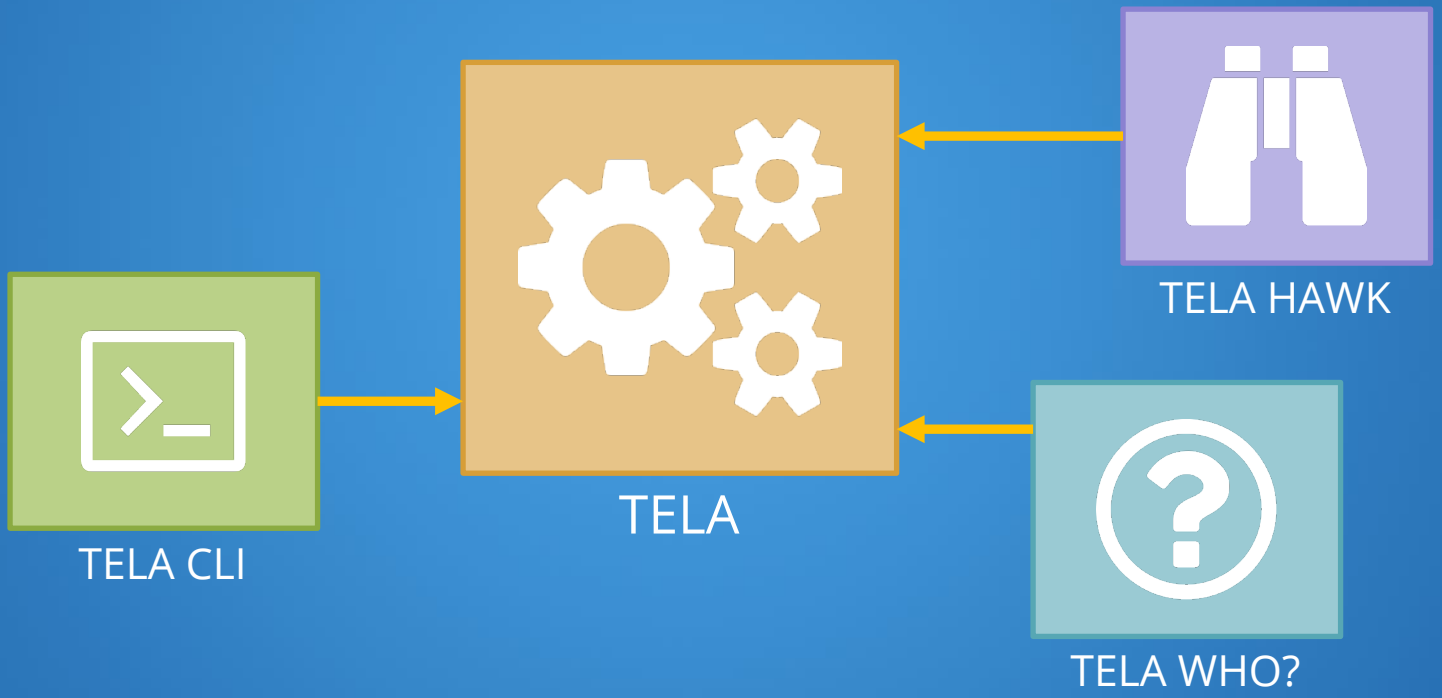
SYSTEMS DEVELOPED

SYSTEMS DEVELOPED



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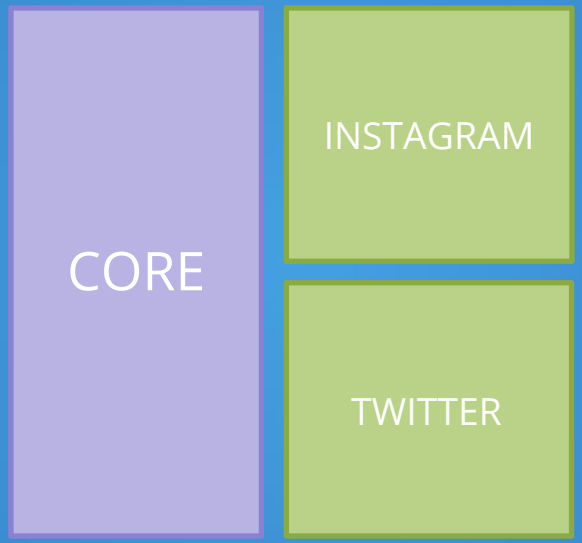
SYSTEMS DEVELOPED

TELA

TELA ARCHITECTURE: MODULES



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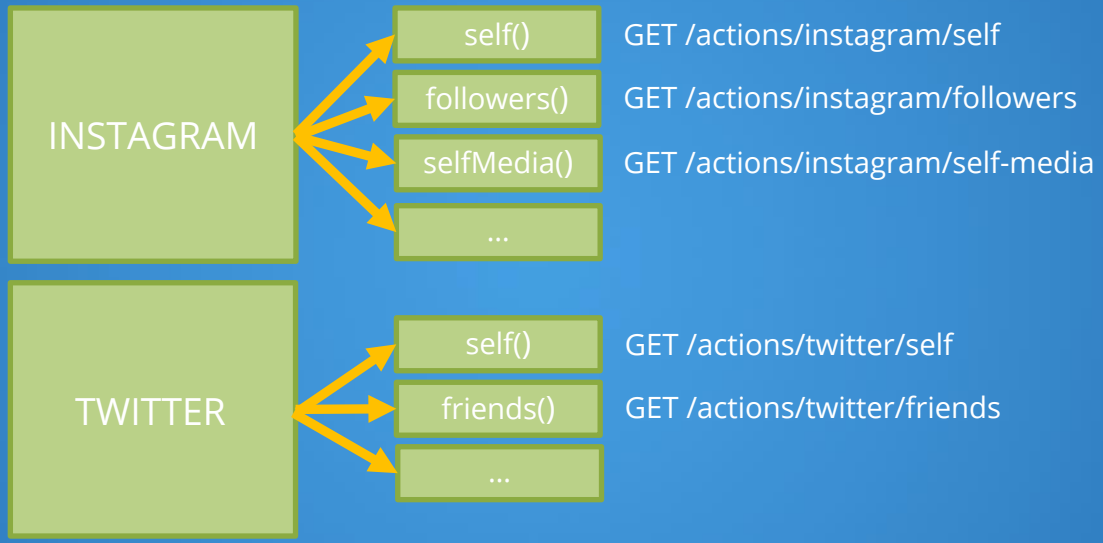
TELA ARCHITECTURE: MODULES



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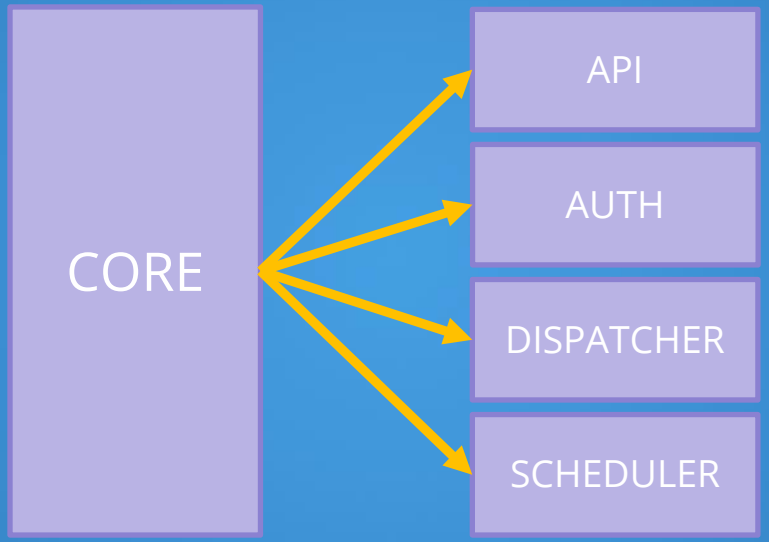
TELA ARCHITECTURE: CORE



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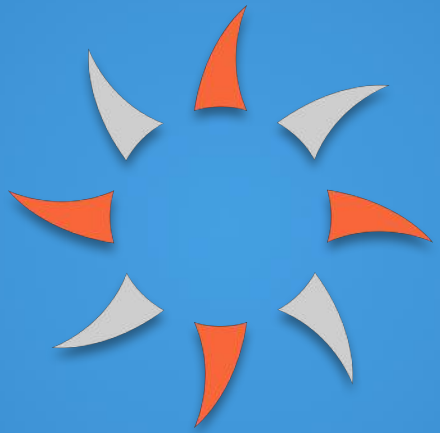
TELA TECHNOLOGIES

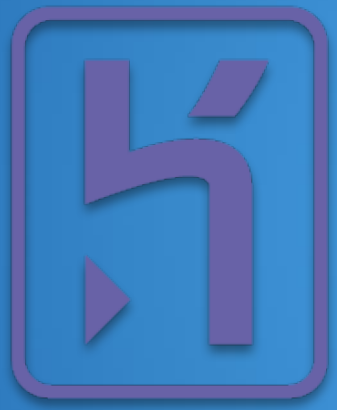
Java



OrientDB

Redis

TELA DEPLOYMENT

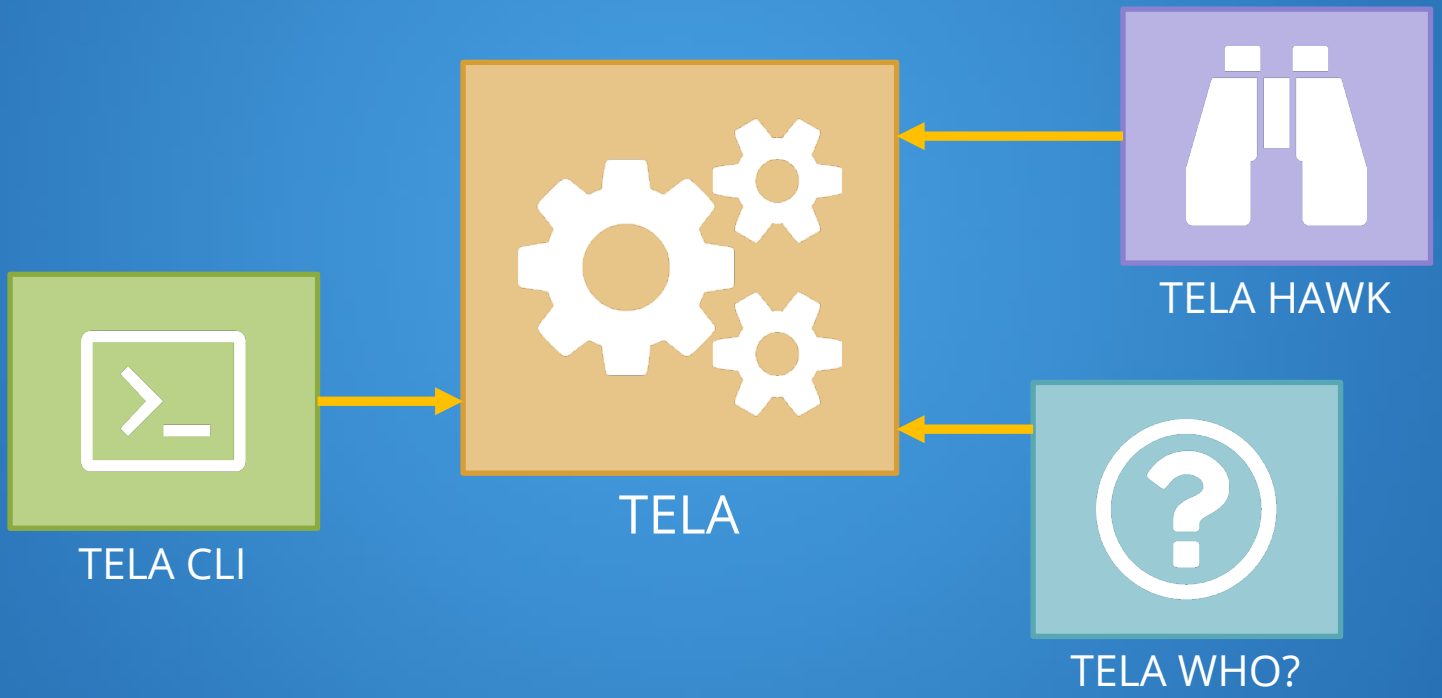


Heroku

Docker

Amazon EC2

SYSTEMS DEVELOPED



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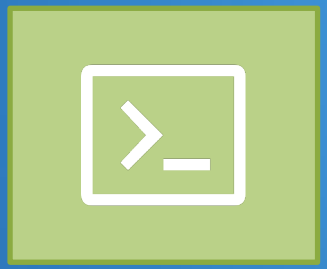
SYSTEMS DEVELOPED



TELA CLI

TELA CLI

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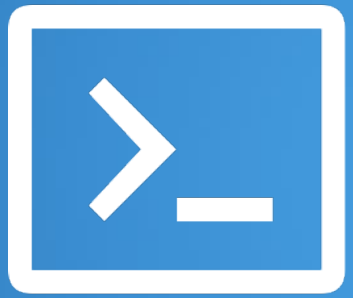
TELA CLI



CLI tool

100% functionality

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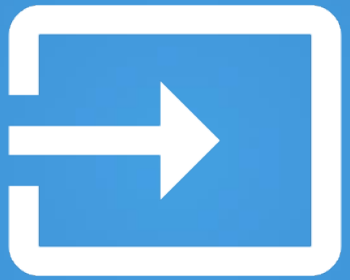
TELA CLI

Users



Input

Scripts

TELA CLI: TECHNOLOGIES

Java

TELA CLI: TECHNOLOGIES

Node.js

TypeScript

npm

Live Demo

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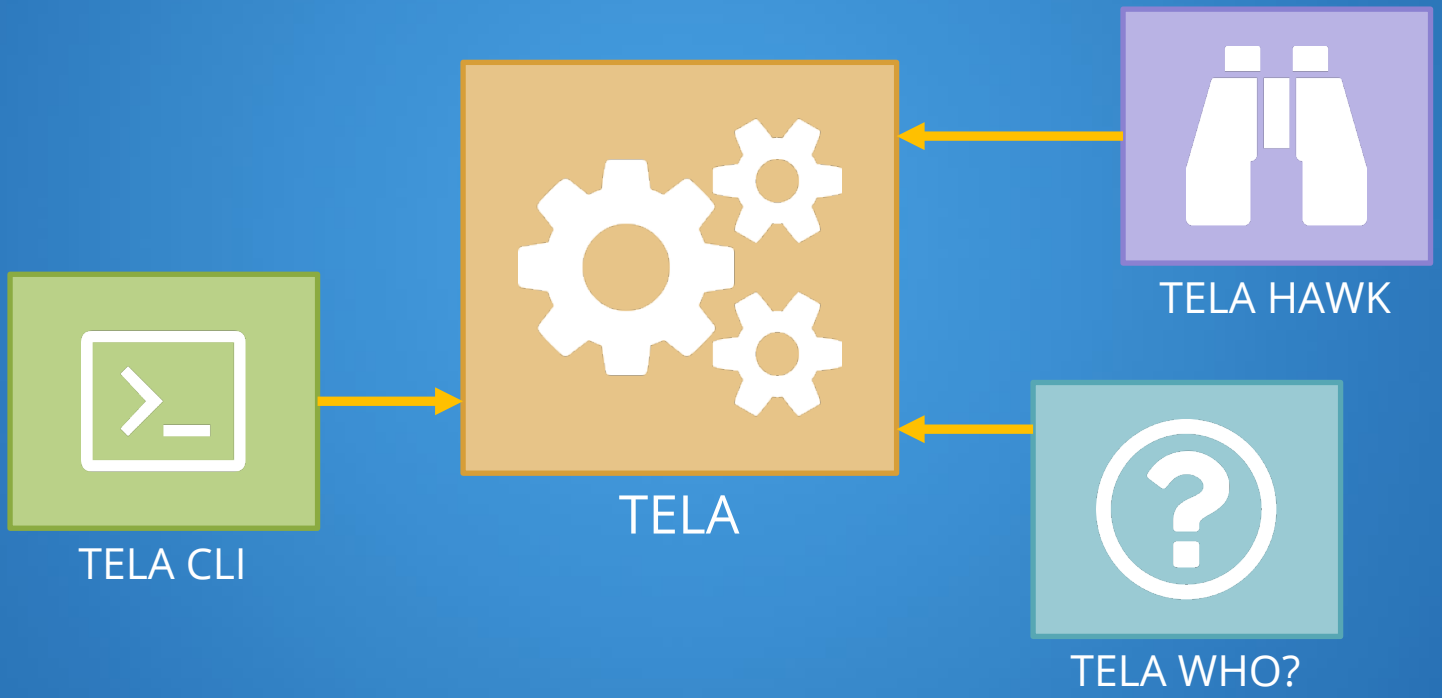
SYSTEMS DEVELOPED



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SYSTEMS DEVELOPED

TELA HAWK

TELA WHO?

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TELA WHO? & TELA HAWK

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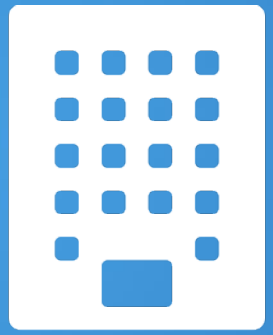
TELA WHO? & TELA HAWK

Web Apps

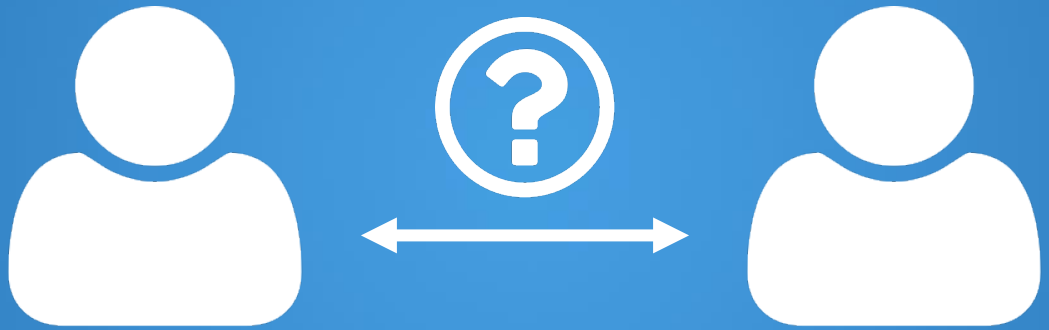
Users



Companies

Instagram

TELA WHO?



How is that user related to me?

TELA HAWK

How is my profile evolving over time?

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TELA WHO? & TELA HAWK: TECH

Angular 2

TypeScript

Semantic UI

Webpack

Live Demo

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Q&A

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Thank you!

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