

Timber - architecture

Timber service is a matrimonial service that can be used to create personal profiles and retrieve best matches for possible future partners. It's like Tinder, but crappier.

The service is composed of 5 microservices, all deployed as dockers:

1. The server - which offers a RESTful API which can be used to request data from the service (like people that you might be interested in) and add/modify personal data
2. An authentication service - which offers a RESTful API which can be used to manage user's authentication credentials and retrieve/verify temporary access tokens to the server
3. A client frontend - which can either be a website interface or a CLI interface that can be used to communicate with the server via its RESTful API
4. SQL database - which is used to store user's personal data and login credentials
5. Grafana - monitoring service which will be responsible of showing to the admins that number of users and other significant information

