supabase

An open source Firebase alternative featuring database, auth, functions and storage

Contents

- Features
- Pricing
- Comparison with Firebase
- Conclusion
- Good fit for sneak.page?
- Dashboard walkthrough ▶
- Implementation ▶

Features

Database:

- PostgreSQL database
- Postgres extensions are supported (e.g. GrahpQL which makes it a bit like Hasura)
- Editing can be done spreadsheet-like or via an editor

Authentication:

- User data is stored in the PostgreSQL database
- Social logins (e.g. Google, Facebook or GitHub) supported
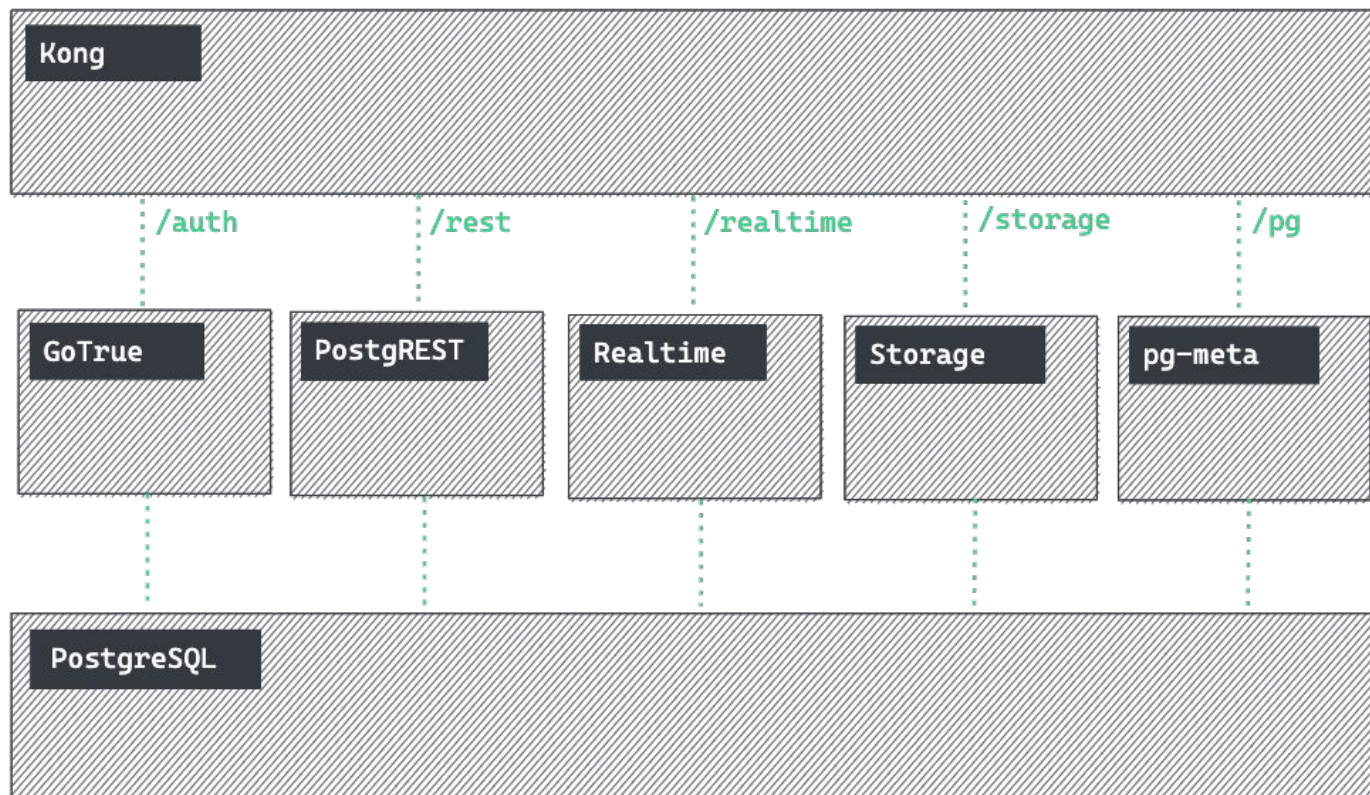- SAML and SSO coming soon for enterprise plan

Features

Storage:

- Object store for assets
- Transformation (e.g. resizing and compression) coming soon

Functions:

- Execute code (focus on TypeScript) globally (29 regions)
- Status: Experimental

Architecture

Architecture

Hosting: AWS

Database: PostgreSQL

APIs: PostgREST, Realtime from Supabase and Kong

Auth: GoTrue for managing tokens

Storage: S3 compatible middleware from Supabase

Functions: Deno

➜ great mix of open source projects and own tools which are open source too

Pricing

- Two free projects with 500MB database & 1GB file storage
- $25/mo for 8GB database & 100GB file storage
- Log retention is based on the plan
- Unlimited API requests on all plans ➜ very interesting
- SSO/SAML and some social providers are paid only
- Support and more performance may be purchased
- Overview on https://supabase.com/pricing

Supabase vs. Firebase

	Supbase	Firebase
Vendor lock-in	No	Yes
Open Source	Yes	No
Status	Public beta	Production ready
Ecosystem	Firebase is way longer in the market	
Features	Firebase has much more features, especially when you target smartphones	
Stucutre	Relational	NoSQL
GDPR compliant	Maybe?	Rather not?
Pricing	It's difficult	

Conclusion

- Firebase is longer in the market and has much more features, especially for mobile app developers (push notifications, crash monitoring, testing, …)
- Firebase has a bigger community (you may find answers easier on StackOverflow)
- Supabase has no vendor lock-in so you may self-host or transfer your project as it is "just" a PostgreSQL database
- A relational database like Supabase uses might be better for specific projects
- Both have a generous free tier but after that I am not sure which is better

Supabase + sneak.page = 🥰 ?

- Database, authentication and storage are enough for sneak.page
- Other awesome features of Firebase are not neccessary
- Fathom and Matomo may be used as privacy-friendly alternative to Google Analytics
- Open Source spirit is wonderful

Dashboard walkthrough (live)

Implementation (live)

Sources

- [Supbase homepage](#)
- [Supabase blog](#)
- [Google Fonts for the icons](#)
- [Supabase GitHub repository](#)
- [Is Supabase Legit?](#)
- Own experience