

Design Documentation

General overview

Main modules

- Typescript backend (NestJS)
- Typescript frontend (Angular)
- Python backup analyzing module

All these modules are combined into a NX monorepo.

Databases

- Analyzer Database containing the raw backup data (primarily used for development purposes to have some source database)
- Backend Database containing the processed output

Communication

- Analyzing and backend modules provide REST APIs
- Frontend gets data by accessing backend REST API

Containerization

All apps have dockerfiles provided, creating the possibility of simple building and deployment

