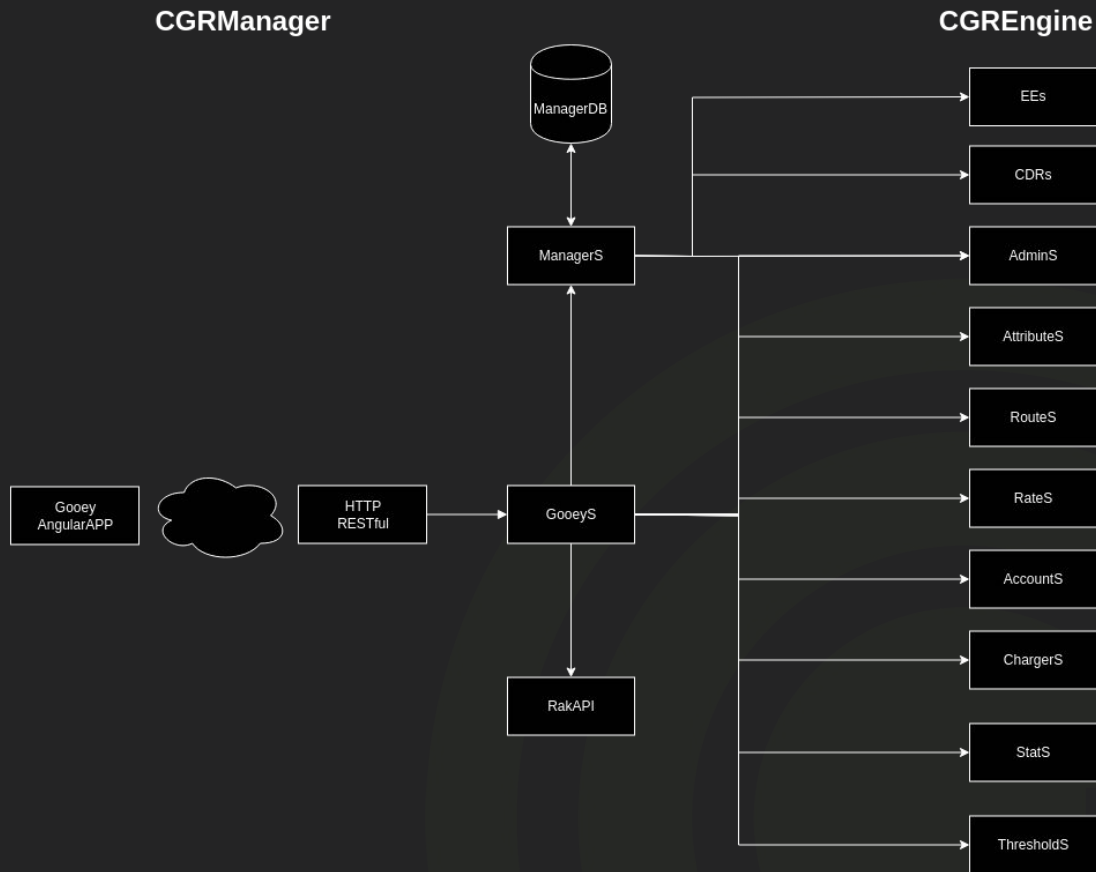# CGRManager
Architectural Concepts

Architectural Diagram

Gooey

Angular Application

Runs on Client side in Browser

Performance optimizations

Secure by default

Data management for CGREngine

Data management for RakAPI

GooeyS

Dual purpose HTTP server

- Serving Gooey files
- RESTful APIs implementation

Communication via standard RPC supported by CGRateS

Secured via own Websessions implementation

CGRateS

carrier grade realtime charging

ManagerS

CDR Handler

- **Store**
- **Retrieval for Webinterface**
- **Re-rating**
- **Exports towards Webinterface**

Websession Handler

- **Gooey auth checks**
- **Auto-expiration and cleanup from DB**

Storage into Postgres Database

GRATES

carrier grade realtime charging