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seniorswe	Fix proto generation path ✓	284eef4 · 2 months ago	
.github	test fixes	3 months ago	
backend-services	Fix proto generation path	2 months ago	
docker	New demo mode updates	3 months ago	
load-tests	bug fixes	6 months ago	
ops	cleanup	6 months ago	
scripts	Docker updates, bug fixes, p...	3 months ago	
user-docs	Docker updates, bug fixes, p...	3 months ago	
web-client	Fix frontend lint errors	2 months ago	
.coveragerc	maker and additional coverage	6 months ago	
.dockerignore	docker update	5 months ago	
.env.example	Updates for testing and mino...	4 months ago	
.gitignore	API credit key rotation	5 months ago	
Dockerfile	domain ag and rev proxy fix ...	4 months ago	
Dockerfile.demo	New demo mode updates	3 months ago	
LICENSE	Initial commit	last year	
Makefile	analytics, rate limiting, and m...	4 months ago	
README.md	Merge pull request #139 fro...	3 months ago	
docker-compose.dem...	New demo mode updates	3 months ago	
docker-compose.prod...	Docker updates, bug fixes, p...	3 months ago	

 docker-compose.yml	Docker updates, bug fixes, p...	3 months ago
 manual_verification_a...	New feature for API builder	3 months ago
 pyproject.toml	formatting and style fixes. lint...	4 months ago
 pytest.ini	test fixes. style update.	4 months ago
 verify_api_builder_flo...	New feature for API builder	3 months ago
 verify_nested_schem...	New feature for API builder	3 months ago
 verify_schema_validat...	New feature for API builder	3 months ago

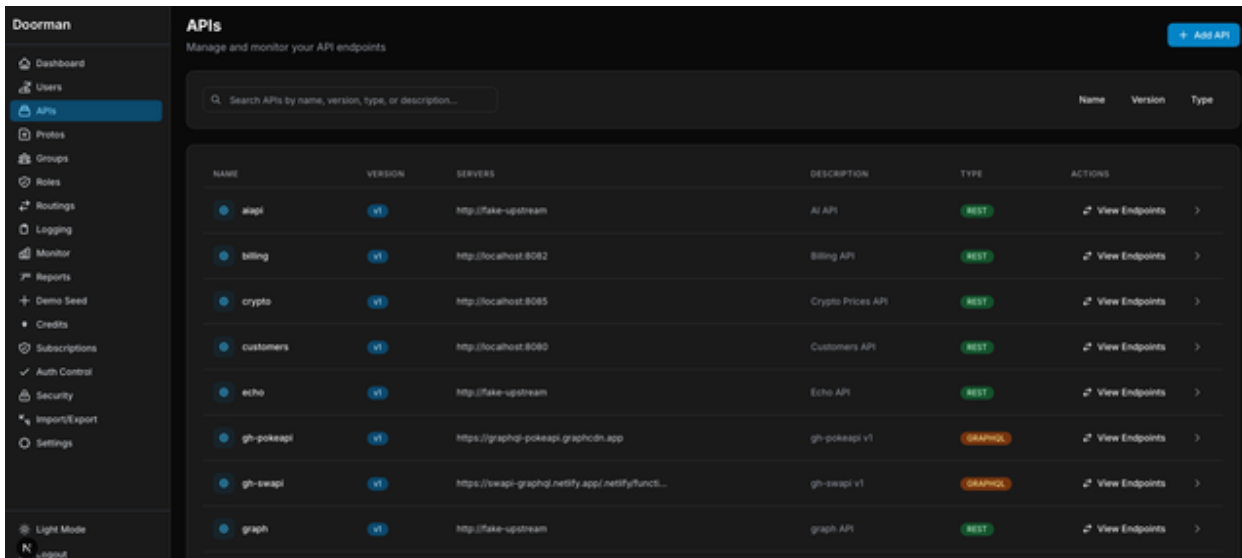
 **README**  Apache-2.0 license



API Gateway Python 3.10+ license Apache 2.0 release v1.0.0 last commit february issues 0 open

Doorman API Gateway

Lightweight Python API gateway for REST, SOAP, GraphQL, gRPC, and AI APIs.



Key Features

- **Multi-Protocol Support:** REST, SOAP, GraphQL, gRPC, and AI APIs
- **Security:** User management, authentication, authorization, roles & groups
- **Traffic Control:** Rate limiting, throttling, dynamic routing, credits
- **Caching & Storage:** Redis caching, MongoDB integration, or in memory
- **Validation:** Request payload validation and logging

Quick Demo

Run a local demo instance in seconds.

```
# Clone and launch instantly
cp .env.example .env
docker compose -f docker-compose.yml -f docker-compose.demo.yml up --build
```

- **Web UI:** <http://localhost:3000>
- **Admin:** `demo@doorman.dev` / `DemoPassword123!`
- **Mode:** Memory mode (no external DB)

Self-Hosting

Deploy with Docker. Production mode requires Redis and MongoDB.

1. Environment Configuration

Copy the template and set your secrets.

```
cp .env.example .env
# Set: DOORMAN_ADMIN_EMAIL, DOORMAN_ADMIN_PASSWORD, JWT_SECRET_KEY
```



2. Choose Storage

- Memory (default): development and tests.
- Redis + MongoDB: production.

3. Launch

```
# Standard launch
docker compose up -d

# Production launch (Redis + MongoDB)
docker compose --profile production up -d
```



Configuration

Core Environment Variables

Variable	Required	Description
<code>DOORMAN_ADMIN_EMAIL</code>	Yes	Initial administrator email
<code>DOORMAN_ADMIN_PASSWORD</code>	Yes	Admin password (min 12 chars)
<code>JWT_SECRET_KEY</code>	Yes	Secret for signing access tokens
<code>NEXT_PUBLIC_GATEWAY_URL</code>	No	Frontend API target (Defaults to same origin)

Persistence & Performance

- Redis: set `MEM_OR_EXTERNAL=REDIS` to enable caching/rate limiting.
- MongoDB: set `MONGO_DB_HOSTS=mongo:27017` (and credentials) to persist configurations and users.
- Volumes: Docker-managed volumes (`doorman-generated` , `doorman-logs`). Use `docker compose down -v` to reset.

Repository Structure

```
doorman/
├── backend-services/ # Python Gateway Engine (FastAPI)
├── web-client/       # Next.js Dashboard
├── user-docs/        # Technical Guides & Runbooks
├── scripts/          # Build & Maintenance tools
└── ops/              # Infrastructure & Docker config
```



Documentation

Deep-dive into our guides for advanced setups:

- [Getting Started Guide](#)
- [Security & Hardening](#)
- [API Workflows \(gRPC/SOAP\)](#)
- [Production Operations](#)

Releases 6

 **v1.1.0** Latest
on Feb 6

[+ 5 releases](#)

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Packages

No packages published

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Languages

