








apidoorman / doorman Public


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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**

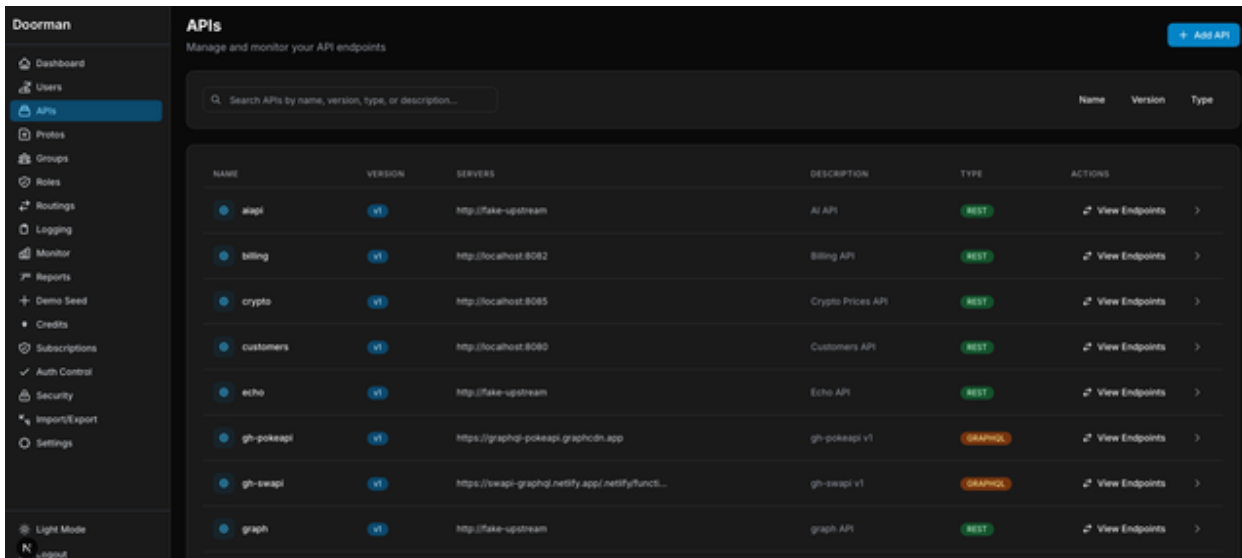
 Apache-2.0 license



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

Contributors 2



seniorswe seniorswe



dependabot[bot]

Languages

