

PersonaEngine - Task #927

PE-1812: Add API SDK/client library

2026-05-16 17:24 - Fredrick Amnehagen

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|--|-------|------------------------|------------|
| Status: | To do | Start date: | 2026-05-16 |
| Priority: | High | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | | Estimated time: | 0:00 hour |
| Target version: | | Spent time: | 0:00 hour |
| Description | | | |
| Problem | | | |
| No SDK available for common languages (Python, JavaScript, Go). Users must implement their own HTTP client. | | | |
| Requested Features | | | |
| <ol style="list-style-type: none">1. Python SDK (pip install persona-engine)2. JavaScript/TypeScript SDK (npm install persona-engine-sdk)3. Go SDK (go get github.com/persona/engine-sdk) | | | |
| API Endpoints Needed | | | |
| <ul style="list-style-type: none">• POST /auth/token - No way for existing user to get their token (only register returns token)• Current workaround: user must store token from registration | | | |
| Proposed Solution | | | |
| <ol style="list-style-type: none">1. Add POST /api/v1/auth/token endpoint that takes email and returns token2. Create SDK libraries with:<ul style="list-style-type: none">◦ Authentication (token management)◦ Persona CRUD operations◦ Webhook management◦ Rate limiting handling◦ Retry logic with exponential backoff | | | |
| SDK Features | | | |
| <ul style="list-style-type: none">• Type-safe models• Async support• Automatic token refresh• Webhook signature verification• OpenAPI spec auto-generation | | | |
| References | | | |
| <ul style="list-style-type: none">• Stripe SDK as reference implementation• Vercel SDK pattern | | | |

History

#1 - 2026-05-16 18:27 - Fredrick Amnehagen

Deferred - requires creating new SDK repositories (Python, JavaScript, Go). Lower priority than core API features. Can be revisited when API stabilizes.