Automaspec API Documentation

Table of Contents

Overview

Automaspec API provides programmatic access to manage test specifications, requirements, and test cases organized in a hierarchical folder structure. The API supports multi-tenant organizations with role-based access control.

Key Features

- **Test Management**: Organize tests in folders, specs, and requirements
- **Report Synchronization**: Sync Vitest test results with stored specifications
- **AI Assistant**: Intelligent copilot for test management tasks
- **Analytics**: Track test metrics, growth trends, and stale tests
- **Account Management**: GDPR-compliant data export and account deletion

Technology Stack

Component	Technology	Description
RPC Framework	oRPC v1.12.2	Type-safe RPC with OpenAPI generation
Validation	Zod v4.1.13	Schema validation and TypeScript inference
Authentication	Better Auth v1.4.4	Session-based auth with organization support
Database	Drizzle ORM + Turso	SQLite-compatible serverless database
Documentation	Scalar (OpenAPI)	Interactive API reference UI

Base URL

```
http://localhost:3000/rpc
```

Interactive Documentation

> [!TIP] **Live API Documentation** is available at `/rpc/docs` powered by Scalar UI.

Access Points

Resource	URL	Description
Scalar UI	`/rpc/docs`	Interactive API explorer
OpenAPI Spec	`/rpc/spec`	JSON specification file

The Scalar documentation provides: - Interactive endpoint testing - Request/response schema visualization - Authentication configuration - Code examples in multiple languages

---

Authentication & Security

Authentication Flow

All API endpoints require authentication via session cookies managed by Better Auth.

```
sequenceDiagram
    participant Client
    participant API as Automaspec API
    participant Auth as Better Auth
    participant DB as Database

    Client->>Auth: POST /api/auth/sign-in (email, password)
    Auth->>DB: Validate credentials
    DB-->>Auth: User record
    Auth-->>Client: Set session cookie

    Client->>API: GET /rpc/tests (with cookie)
    API->>Auth: Validate session
    Auth-->>API: Session + User data
    API->>DB: Query with organizationId
    DB-->>API: Test data
    API-->>Client: 200 OK + JSON response
```

Session-Based Authentication

```
Cookie: better-auth.session_token=<session_token>
```

The session token is automatically set upon successful login at `/api/auth/sign-in`.

Authorization Middleware

All endpoints pass through two middleware layers:

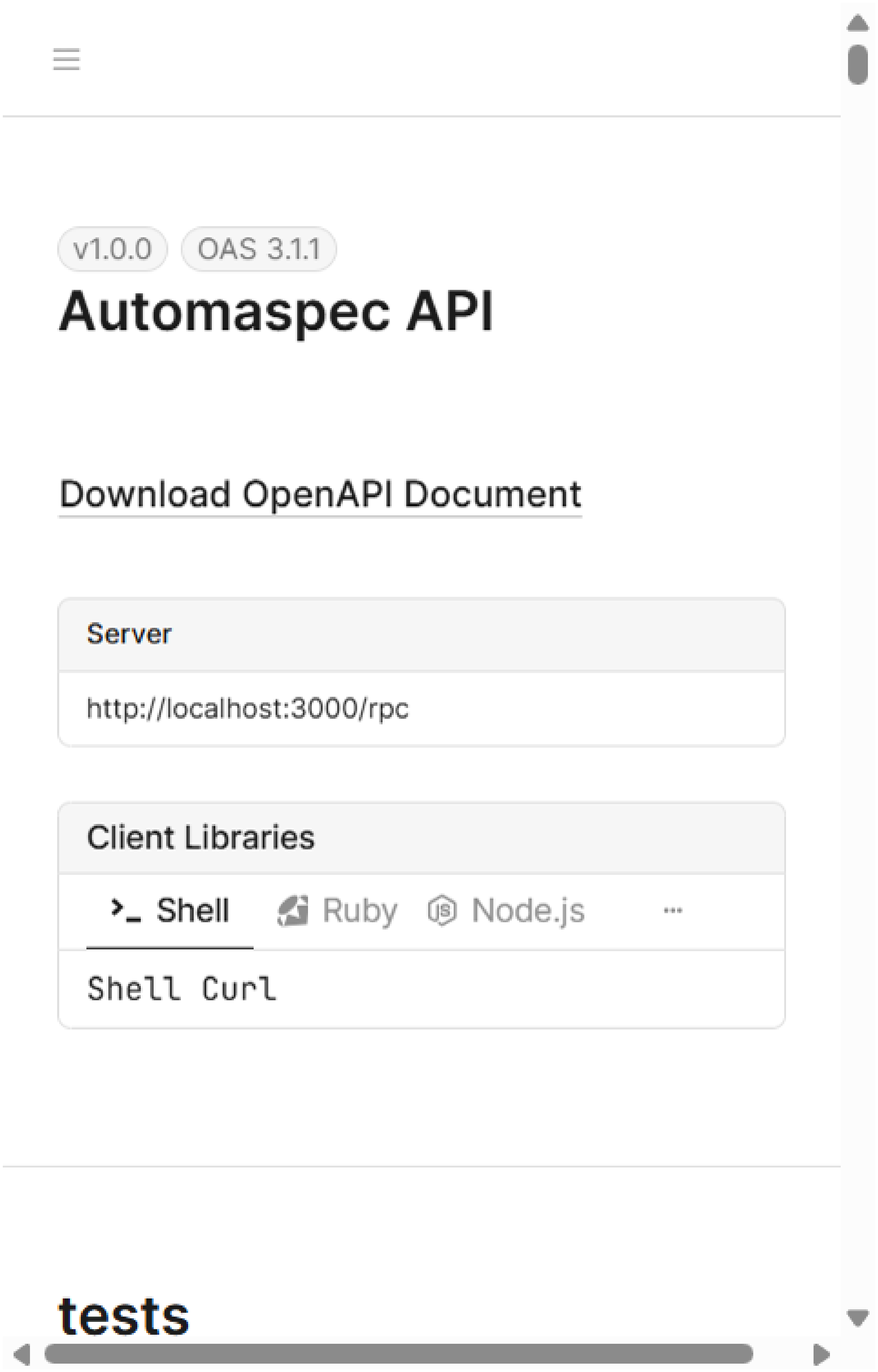
1. **Auth Middleware**: Validates session existence
   - Returns error if no valid session
2. **Organization Middleware**: Ensures active organization context
   - Returns error if user has no active organization
   - Scopes all data queries to the organization

Role-Based Access Control

Role	Permissions
Owner	Full access, manage organization
Admin	Manage members, all CRUD operations
Member	Read/write tests and specs

Security Features

- **Password Hashing**: bcrypt (industry standard)
- **Session Management**: Secure HTTP-only cookies
- **Input Validation**: All inputs validated via Zod schemas
- **SQL Injection Protection**: Drizzle ORM parameterized queries



v1.0.0 OAS 3.1.1

Automaspec API

Download OpenAPI Document

Server

http://localhost:3000/rpc

Client Libraries

Shell Curl

tests

Figure 1: API Documentation Overview

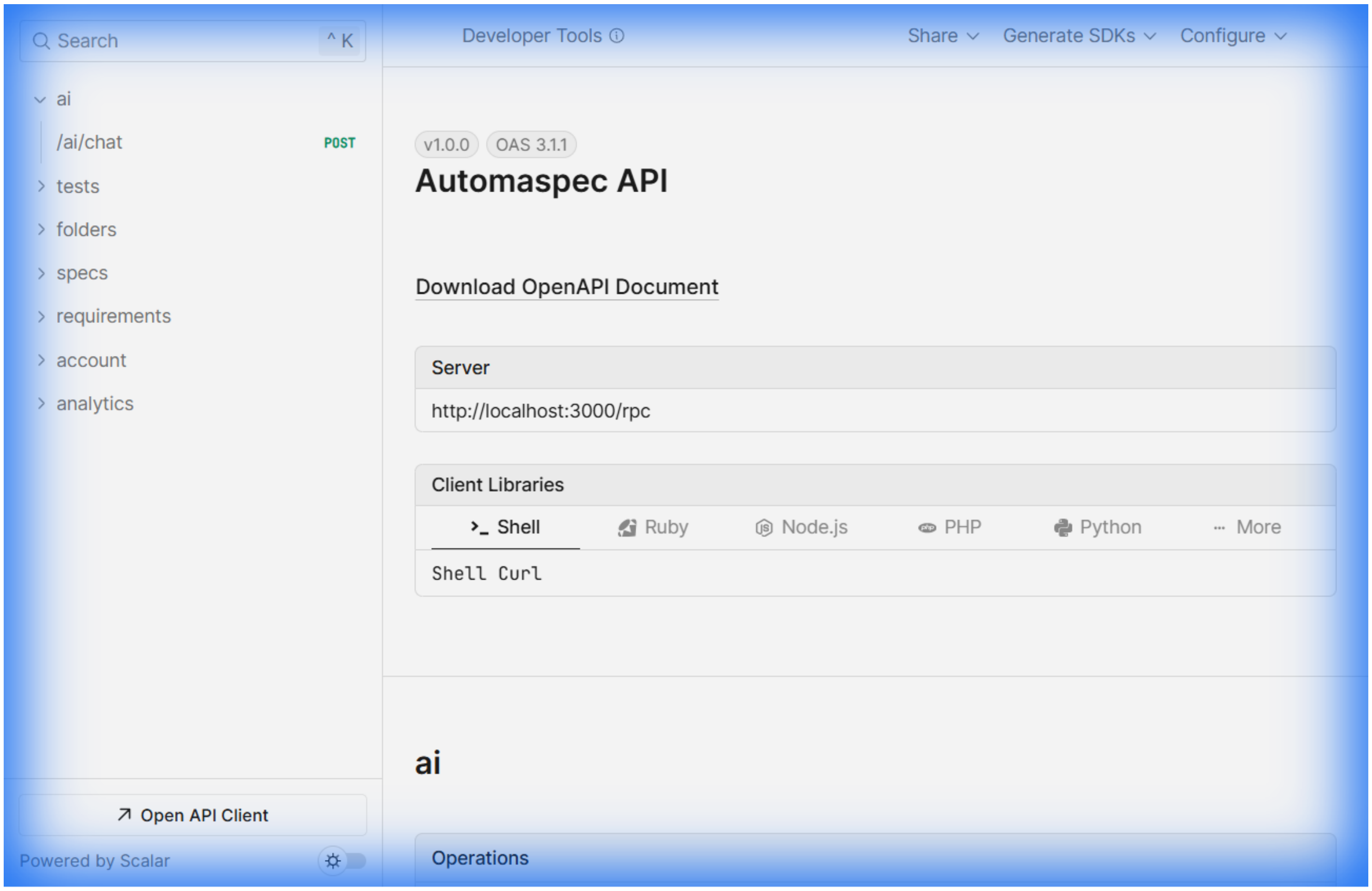
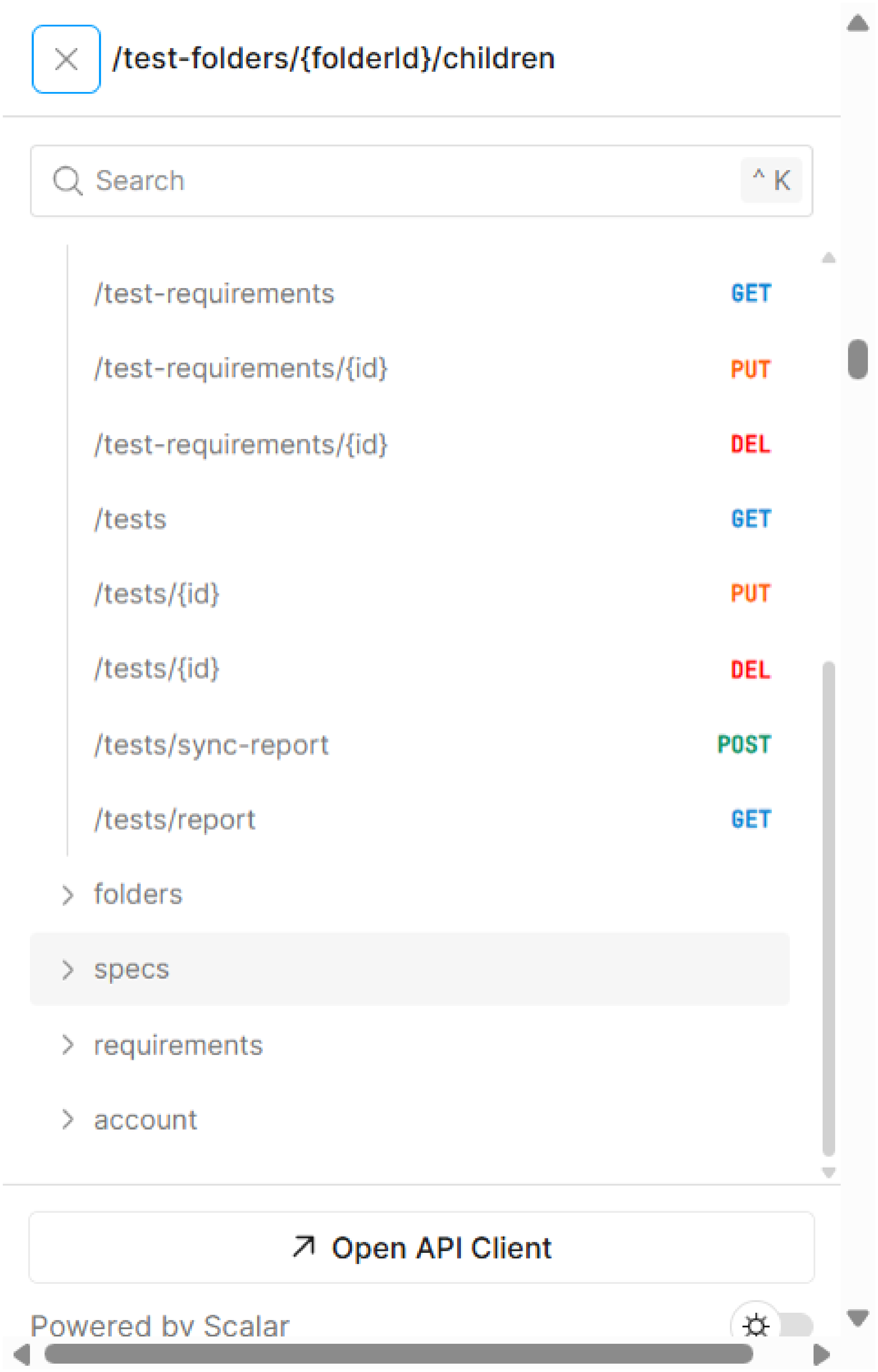


Figure 2: Scalar API Overview


/test-folders/{folderId}/children

Search ^ K

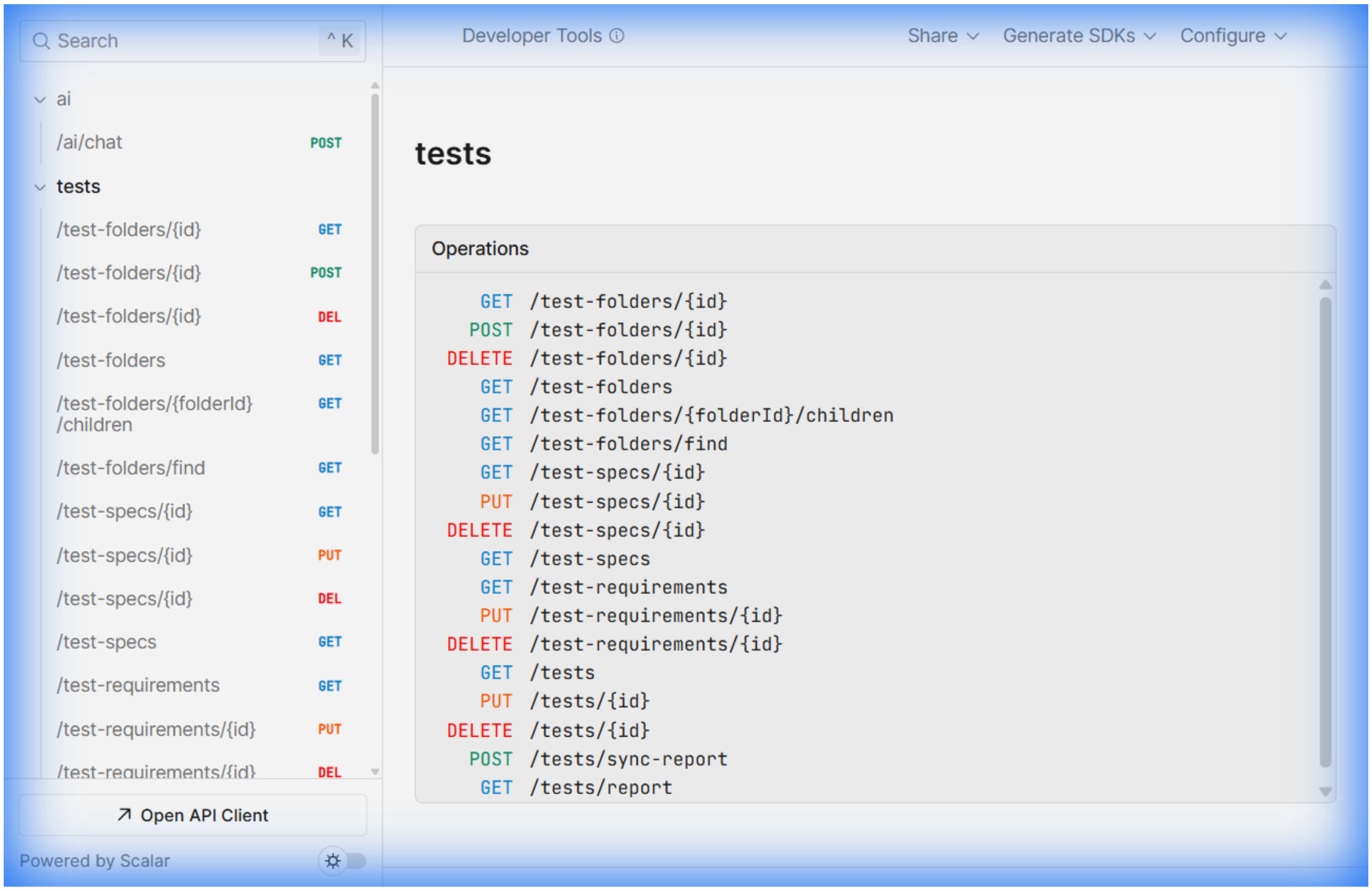
/test-requirements GET
/test-requirements/{id} PUT
/test-requirements/{id} DEL
/tests GET
/tests/{id} PUT
/tests/{id} DEL
/tests/sync-report POST
/tests/report GET

folders
specs
requirements
account

Open API Client

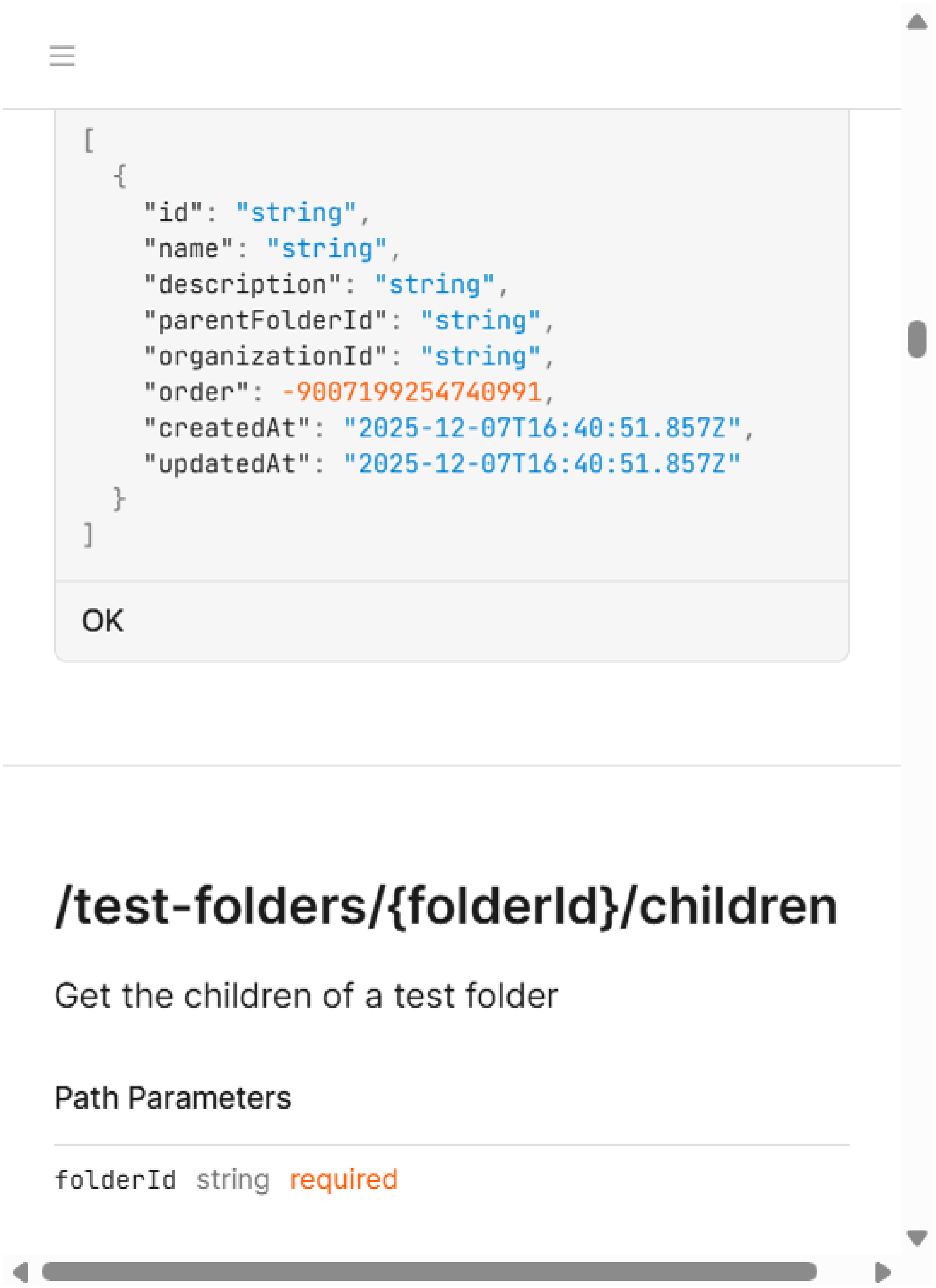
Powered by Scalar

Figure 3: API Endpoints Sidebar



```
   GET /test-folders/{id}
  POST /test-folders/{id}
DELETE /test-folders/{id}
   GET /test-folders
   GET /test-folders/{folderId}/children
   GET /test-folders/find
   GET /test-specs/{id}
   PUT /test-specs/{id}
DELETE /test-specs/{id}
   GET /test-specs
   GET /test-requirements
   PUT /test-requirements/{id}
DELETE /test-requirements/{id}
   GET /tests
   PUT /tests/{id}
DELETE /tests/{id}
  POST /tests/sync-report
   GET /tests/report
```

Figure 4: Scalar Endpoints Menu



```
[
  {
    "id": "string",
    "name": "string",
    "description": "string",
    "parentFolderId": "string",
    "organizationId": "string",
    "order": -9007199254740991,
    "createdAt": "2025-12-07T16:40:51.857Z",
    "updatedAt": "2025-12-07T16:40:51.857Z"
  }
]
```

OK

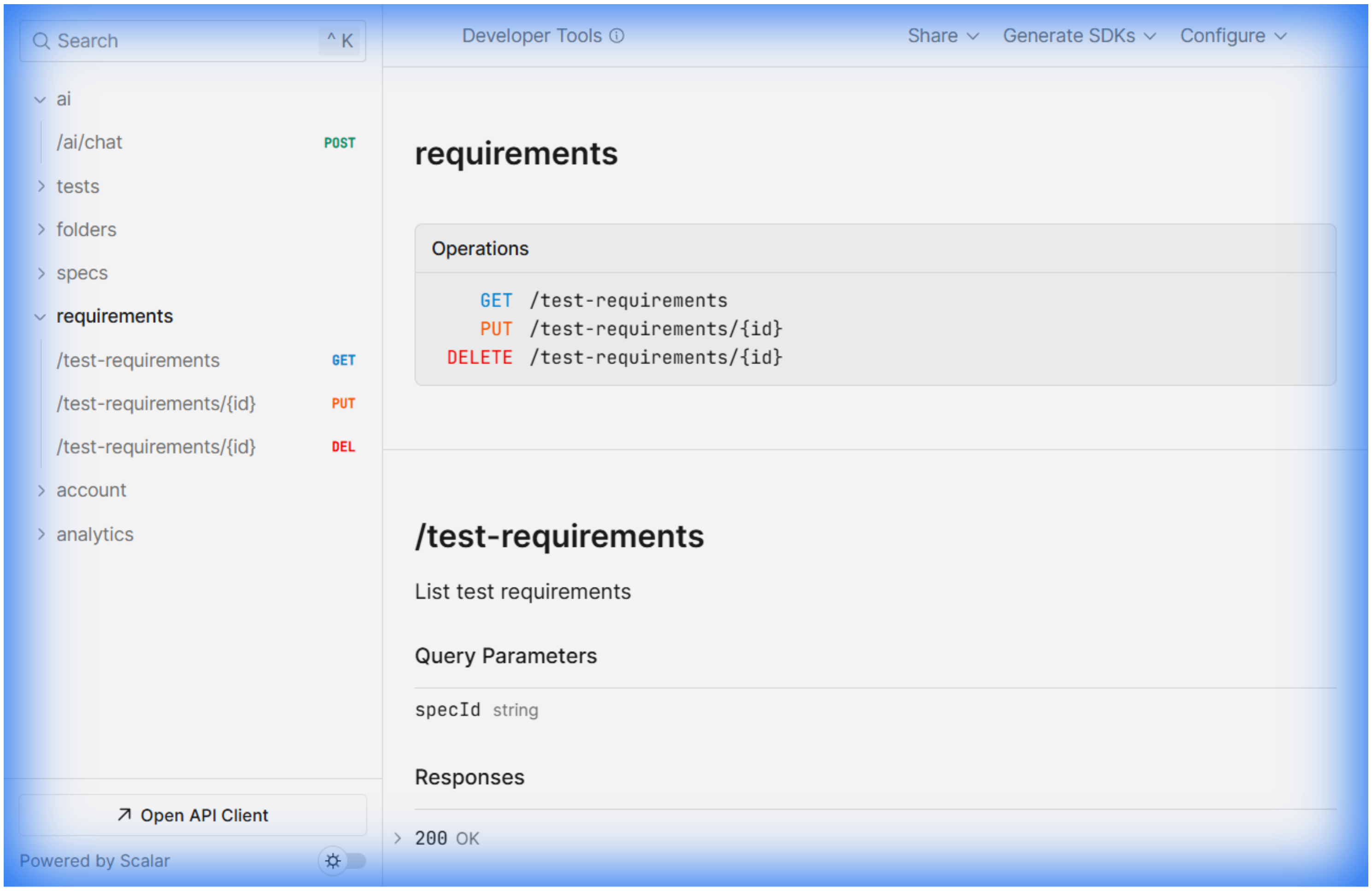
/test-folders/{folderId}/children

Get the children of a test folder

Path Parameters

`folderId` string required

Figure 5: Endpoint Details with Schema



requirements

Operations

```
   GET  /test-requirements
   PUT  /test-requirements/{id}
DELETE  /test-requirements/{id}
```

/test-requirements

List test requirements

Query Parameters

`specId` string

Responses

200 OK

Figure 6: Scalar Endpoint Details

- **Organization Isolation**: All test data scoped by `organizationId`

API Reference

HTTP Status Codes

Code	Meaning
`200`	Success
`400`	Bad Request - Invalid input
`401`	Unauthorized - No valid session
`403`	Forbidden - No active organization
`404`	Not Found - Resource doesn't exist
`500`	Server Error - Internal error

Test Folders

Organize test specifications in a hierarchical folder structure.

GET `/test-folders/{id}` Retrieves a single test folder by ID.

Parameters:

Name	Type	Location	Required	Description
`id`	string	path	Yes	Folder UUID

Response (200):

```json
{
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "name": "Authentication Tests",
  "description": "Tests for auth flows",
  "parentFolderId": null,
  "organizationId": "org-123",
  "order": 0,
  "createdAt": "2024-12-01T10:00:00.000Z",
  "updatedAt": "2024-12-10T15:30:00.000Z"
}
```

Errors:

Code	Message
`401`	Session not found
`403`	User has no active organization
`404`	Folder not found

GET `/test-folders` Lists all test folders in the organization.

Query Parameters:

Name	Type	Required	Description
`parentFolderId`	string | null	No	Filter by parent folder (null for root)

Response (200):

```json
[
  {
    "id": "550e8400-e29b-41d4-a716-446655440000",
    "name": "Authentication Tests",
    "description": "Tests for auth flows",
    "parentFolderId": null,
    "organizationId": "org-123",
    "order": 0,
    "createdAt": "2024-12-01T10:00:00.000Z",
    "updatedAt": "2024-12-10T15:30:00.000Z"
  }
]
```

GET `/test-folders/{folderId}/children` Retrieves folder children with optional recursive depth.

Parameters:

Name	Type	Location	Required	Description
`folderId`	string	path	Yes	Folder ID or “root”
`depth`	number	query	No	Recursion depth (0-5, default: 0)

Response (200):

```json
[
  {
    "id": "folder-1",
    "name": "Unit Tests",
    "type": "folder",
    "children": [
      {
        "id": "spec-1",
        "name": "Login Spec",
        "type": "spec"
      }
    ]
  },
  {
    "id": "spec-2",
    "name": "Registration Spec",
    "type": "spec"
  }
]
```

GET `/test-folders/find` Find a folder by exact name match.

Query Parameters:

Name	Type	Required	Description
`name`	string	Yes	Folder name (min 1 char)

Response (200): Returns folder object or `null` if not found.

POST `/test-folders/{id}` Creates or updates a test folder (upsert).

Request Body:

```json
{
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "name": "Authentication Tests",
  "description": "Tests for authentication flows",
  "parentFolderId": null
}
```

Field	Type	Required	Description
`id`	string	No	UUID (auto-generated if omitted)
`name`	string	Yes	Folder name
`description`	string	No	Folder description
`parentFolderId`	string | null	No	Parent folder for nesting

Response (200): Returns the created/updated folder object.

DELETE `/test-folders/{id}` Deletes a test folder (cascades to child specs).

Parameters:

Name	Type	Location	Required
`id`	string	path	Yes

Response (200):

```json
{
  "success": true
}
```

Test Specs

Test specifications contain requirements and aggregate test statuses.

GET `/test-specs/{id}` Retrieves a test specification by ID.

Response (200):

```json
{
  "id": "spec-uuid",
  "name": "User Authentication",
  "fileName": "auth.spec.ts",
  "description": "Authentication test cases",
  "statuses": {
    "passed": 5,
    "failed": 1,
    "pending": 2,
    "skipped": 0,
    "todo": 0,
    "disabled": 0,
    "missing": 0
  },
  "numberOfTests": 8,
  "folderId": "folder-uuid",
  "organizationId": "org-123",
  "createdAt": "2024-12-01T10:00:00.000Z",
  "updatedAt": "2024-12-10T15:30:00.000Z"
}
```

GET /test-specs Lists test specifications.

Query Parameters:

Name	Type	Required	Description
`folderId`	string | null	No	Filter by folder

PUT /test-specs/{id} Creates or updates a test specification.

Request Body:

```
{
  "name": "Login Flow Tests",
  "description": "End-to-end login testing",
  "fileName": "login.spec.ts",
  "folderId": "folder-uuid"
}
```

DELETE /test-specs/{id} Deletes a test specification.

Response (200):

```
{
  "success": true
}
```

Test Requirements

Individual requirements within test specifications.

GET /test-requirements Lists requirements, optionally filtered by spec.

Query Parameters:

Name	Type	Required	Description
`specId`	string	No	Filter by spec ID

Response (200):

```
[
  {
    "id": "req-uuid",
    "name": "should validate email format",
    "description": "Validates email contains @ symbol",
    "order": 0,
    "specId": "spec-uuid",
    "createdAt": "2024-12-01T10:00:00.000Z",
    "updatedAt": "2024-12-01T10:00:00.000Z"
  }
]
```

PUT `/test-requirements/{id}` Creates or updates a test requirement.

Request Body:

```json
{
  "name": "should reject invalid password",
  "description": "Password must be at least 8 characters",
  "order": 1,
  "specId": "spec-uuid"
}
```

DELETE `/test-requirements/{id}` Deletes a test requirement.

Tests

Individual test cases linked to requirements.

GET `/tests` Lists tests, optionally filtered by requirement.

Query Parameters:

Name	Type	Required	Description
`requirementId`	string	No	Filter by requirement ID

Response (200):

```json
[
  {
    "id": "test-uuid",
    "status": "passed",
    "framework": "vitest",
    "code": "it('should...', () => { ... })",
    "requirementId": "req-uuid",
    "createdAt": "2024-12-01T10:00:00.000Z",
    "updatedAt": "2024-12-10T15:00:00.000Z"
  }
]
```

Test Status Values:

Status	Description
`passed`	Test passed successfully
`failed`	Test failed
`pending`	Test is pending execution
`skipped`	Test was skipped
`todo`	Test marked as todo
`disabled`	Test is disabled
`missing`	Test missing from report

PUT `/tests/{id}` Creates or updates a test case.

Request Body:

```json
{
  "status": "pending",
  "framework": "vitest",
  "code": "it('validates input', () => { expect(true).toBe(true) })",
  "requirementId": "req-uuid"
}
```

DELETE `/tests/{id}` Deletes a test case.

GET `/tests/report` Retrieves the current Vitest test report.

Response (200):

```
{
  "testResults": [
    {
      "assertionResults": [
        {
          "title": "should validate email",
          "status": "passed"
        }
      ]
    }
  ]
}
```

POST `/tests/sync-report` Synchronizes Vitest report with stored tests.

Request Body (optional):

```
{
  "testResults": [
    {
      "assertionResults": [
        { "title": "should validate email", "status": "passed" }
      ]
    }
  ]
}
```

If no body is provided, reads from `test-results.json`.

Response (200):

```
{
  "updated": 5,
  "missing": 2
}
```

Account Management

GDPR-compliant account operations.

GET `/account/{userId}` Exports all user account data.

Response (200):

```
{
  "user": {
    "id": "user-uuid",
    "name": "John Doe",
    "email": "john@example.com",
    "image": "https://...",
    "createdAt": "2024-01-01T00:00:00.000Z"
  },
  "memberships": [
    {
      "organizationId": "org-uuid",
      "organizationName": "Acme Corp",
      "role": "owner"
    }
  ]
}
```

DELETE `/account/{userId}` Permanently deletes user account and associated data.

Response (200):

```
{
  "success": true
}
```

AI Assistant

Intelligent copilot for test management.

POST `/ai/chat` Sends a message to the AI assistant.

Request Body:

```
{
  "messages": [
    {
      "role": "user",
      "content": "Create a test folder called 'Authentication'"
    }
  ],
  "provider": "google",
  "model": "gemini-2.5-flash"
}
```

Field	Type	Required	Description
`messages`	array	Yes	Conversation history
`provider`	string	No	"openrouter" or "google"
`model`	string	No	Model identifier

AI Providers:

Provider	Default Model
`openrouter`	kwaipilot/kat-coder-pro:free
`google`	gemini-2.5-flash

Response (200):

```
{
  "text": "Created folder \"Authentication\".",
  "toolMessages": ["Created folder \"Authentication\"."],
  "refreshItemIds": ["root"]
}
```

AI Capabilities:

- Create folders and specs
- Find folders by name
- Add requirements to specs
- Answer test management questions

Analytics

Organization metrics and insights.

GET `/analytics/metrics` Retrieves analytics metrics for the organization.

Query Parameters:

Name	Type	Required	Description
`period`	string	Yes	“7d”, “30d”, or “90d”

Response (200):

```json
{
  "totalTests": 150,
  "totalRequirements": 45,
  "totalSpecs": 12,
  "activeMembers": 5,
  "testsByStatus": {
    "passed": 120,
    "failed": 10,
    "pending": 15,
    "skipped": 3,
    "todo": 2,
    "disabled": 0,
    "missing": 0
  },
  "testsGrowth": [
    { "date": "2024-12-01", "count": 5 },
    { "date": "2024-12-02", "count": 8 }
  ],
  "staleTests": [
    {
      "id": "spec-uuid",
      "name": "Old Spec",
      "updatedAt": "2024-10-01T00:00:00.000Z"
    }
  ]
}
```

Data Models

TestFolder

```typescript
interface TestFolder {
  id: string           // UUID primary key
  name: string         // Folder name
  description?: string // Optional description
  parentFolderId?: string // Parent folder for nesting
  organizationId: string  // Owner organization
  order: number        // Display order
  createdAt: Date      // Creation timestamp
  updatedAt: Date      // Last update timestamp
}
```

TestSpec

```
interface TestSpec {
  id: string
  name: string
  fileName?: string    // Associated test file
  description?: string
  statuses: Record<TestStatus, number>  // Aggregated test counts
  numberOfTests: number
  folderId?: string    // Parent folder
  organizationId: string
  createdAt: Date
  updatedAt: Date
}
```

TestRequirement

```
interface TestRequirement {
  id: string
  name: string         // Requirement description
  description?: string
  order: number        // Display order
  specId: string       // Parent spec
  createdAt: Date
  updatedAt: Date
}
```

Test

```
interface Test {
  id: string
  status: TestStatus   // Current test status
  framework: 'vitest'  // Test framework
  code?: string        // Test code
  requirementId: string // Parent requirement
  createdAt: Date
  updatedAt: Date
}

type TestStatus = 'passed' | 'failed' | 'pending' | 'skipped' |
                  'todo' | 'disabled' | 'missing'
```

Error Handling

Error Response Format

All errors follow a consistent structure:

```
{
  "error": {
    "message": "Descriptive error message",
    "code": "ERROR_CODE"
  }
}
```

Error Taxonomy

Error Code	HTTP Status	Description	Recovery
`SESSION_NOT_FOUND`	401	No valid session	Re-authenticate at `/api/auth/sign-in`

Error Code	HTTP Status	Description	Recovery
`NO_ACTIVE_ORGANIZATION`	403	User has no active org	Switch organization or create one
`FOLDER_NOT_FOUND`	404	Folder doesn't exist	Verify folder ID
`SPEC_NOT_FOUND`	404	Spec doesn't exist	Verify spec ID
`RATE_LIMIT_EXCEEDED`	429	Too many AI requests	Wait and retry
`VALIDATION_ERROR`	400	Invalid input data	Check request body
`INTERNAL_ERROR`	500	Server error	Contact support

Validation Errors

Validation errors include detailed issue descriptions:

```json
{
  "error": {
    "message": "Validation failed",
    "issues": [
      {
        "path": ["name"],
        "message": "Required"
      }
    ]
  }
}
```

Architecture Overview

System Context

```
graph TB
    subgraph "Client Applications"
        WEB[Web Dashboard]
        API_CLIENT[API Clients]
    end

    subgraph "Automaspec Platform"
        NEXTJS[Next.js App Router]
        ORPC[oRPC Handler]
        AUTH[Better Auth]
        SCALAR[Scalar Docs]
    end

    subgraph "Data Layer"
        TURSO[(Turso/SQLite)]
    end

    subgraph "External Services"
        AI_GOOGLE[Google Gemini]
        AI_OPENROUTER[OpenRouter]
    end

    WEB --> NEXTJS
    API_CLIENT --> ORPC
    NEXTJS --> ORPC
    ORPC --> AUTH
    ORPC --> TURSO
    ORPC --> AI_GOOGLE
    ORPC --> AI_OPENROUTER
    NEXTJS --> SCALAR
```

Request Flow

```
sequenceDiagram
    participant C as Client
    participant H as OpenAPIHandler
    participant M as Middleware
    participant R as Route Handler
    participant D as Database

    C->>H: HTTP Request
    H->>H: CORS Plugin
    H->>H: Smart Coercion Plugin
    H->>H: Logging Plugin
    H->>M: Auth Middleware
    M-->>M: Validate Session
    M->>M: Organization Middleware
    M-->>M: Get organizationId
    M->>R: Route Handler
    R->>D: Database Query
    D-->>R: Result
    R-->>C: JSON Response
```

Layered Architecture

```
  Presentation Layer
  app/(backend)/rpc/[...all]/route.ts
  - OpenAPIHandler with plugins
  - Request/Response handling



  Contract Layer
  orpc/contracts/*.ts
  - API contracts with Zod schemas
  - HTTP method and path definitions



  Business Logic Layer
  orpc/routes/*.ts
  - Route handlers
  - Business logic implementation



  Data Access Layer
  db/schema/*.ts + Drizzle ORM
  - Schema definitions
  - Query builders



  Database Layer
  Turso (SQLite)
  - Cloud-native SQLite
  - Edge replication
```

Getting Started Guide

Prerequisites

- Node.js (active LTS)
- Valid Automaspec account
- Active organization membership

Step 1: Authentication

First, authenticate to obtain a session:

```
curl -X POST http://localhost:3000/api/auth/sign-in/email \
  -H "Content-Type: application/json" \
  -d '{
    "email": "user@example.com",
    "password": "your-password"
  }'
```

The response sets a session cookie that must be included in subsequent requests.

Step 2: Verify Session

Confirm your session is valid:

```
curl http://localhost:3000/api/auth/get-session \
  -H "Cookie: better-auth.session_token=<token>"
```

Step 3: Make Your First API Call

List your test folders:

```
curl http://localhost:3000/rpc/test-folders \
  -H "Cookie: better-auth.session_token=<token>"
```

Step 4: Explore Interactive Docs

Visit `/rpc/docs` in your browser to explore all endpoints interactively with Scalar UI.

Integration Tutorial

This tutorial walks through creating a complete test structure.

Workflow: Create Test Hierarchy

```
graph LR
    A[Create Folder] --> B[Create Spec]
    B --> C[Add Requirements]
    C --> D[Create Tests]
    D --> E[Sync Report]
```

Step 1: Create a Test Folder

```
curl -X POST http://localhost:3000/rpc/test-folders/folder-001 \
  -H "Content-Type: application/json" \
  -H "Cookie: <session>" \
  -d '{
    "id": "folder-001",
    "name": "Authentication",
    "description": "All authentication-related tests"
  }'
```

Step 2: Create a Test Spec

```
curl -X PUT http://localhost:3000/rpc/test-specs/spec-001 \
  -H "Content-Type: application/json" \
  -H "Cookie: <session>" \
  -d '{
    "id": "spec-001",
    "name": "Login Flow",
    "fileName": "login.spec.ts",
    "description": "Tests for user login functionality",
    "folderId": "folder-001"
  }'
```

Step 3: Add Requirements

```
curl -X PUT http://localhost:3000/rpc/test-requirements/req-001 \
  -H "Content-Type: application/json" \
  -H "Cookie: <session>" \
  -d '{
    "id": "req-001",
    "name": "should accept valid credentials",
    "description": "Validates login with correct email/password",
    "specId": "spec-001",
    "order": 0
  }'
```

Step 4: Create a Test

```
curl -X PUT http://localhost:3000/rpc/tests/test-001 \
  -H "Content-Type: application/json" \
  -H "Cookie: <session>" \
  -d '{
    "id": "test-001",
    "status": "pending",
    "framework": "vitest",
    "requirementId": "req-001",
    "code": "it(\"should accept valid credentials\", async () => { ... })"
  }'
```

Step 5: Sync Test Report

After running Vitest, sync the results:

```
curl -X POST http://localhost:3000/rpc/tests/sync-report \
  -H "Content-Type: application/json" \
  -H "Cookie: <session>" \
  -d '@test-results.json'
```

Advanced Topics

Rate Limiting

The AI endpoint (`/ai/chat`) implements rate limiting:

Limit	Value
Window	60 seconds
Max Requests	30 per organization

When exceeded, returns `429 Rate Limit Exceeded`.

Input Validation Guards

AI prompts are validated against blocklists:

- `ignore previous instructions`
- `drop database`
- `disable safety`
- Maximum prompt length: 2000 characters

Versioning Strategy

- **Current Version**: 1.0.0
- **Specification**: OpenAPI 3.0
- **Breaking changes**: New major version
- **New features**: Minor version increment

The OpenAPI spec is versioned in the handler configuration:

```
specGenerateOptions: {
  info: {
    title: 'Automaspec API',
    version: '1.0.0'
  }
}
```

Multi-Tenancy

All data is isolated by organization:

- Each query includes `organizationId` filter
- Organization context set by middleware
- Users can belong to multiple organizations
- Active organization stored in session

Documentation Strategy

Standards Followed

Standard	Implementation
OpenAPI 3.0	Auto-generated via `@orpc/openapi`
REST conventions	Resource-based URLs, proper HTTP methods
Zod schemas	Type-safe validation with JSON Schema output

Tools Used

Tool	Purpose
oRPC	Type-safe RPC framework with OpenAPI
Scalar	Interactive API documentation UI
ZodToJsonSchemaConverter	Schema conversion for OpenAPI
Pino	Structured request logging

Naming Conventions

- **Endpoints**: kebab-case (`/test-folders`)
- **Fields**: camelCase (`parentFolderId`)
- **Constants**: SCREAMING_SNAKE_CASE (`TEST_STATUSES`)

Folder Structure

```
orpc/
  contracts/          # API contracts (schemas)
     account.ts
     ai.ts
     analytics.ts
     index.ts
     tests.ts
  routes/             # Route handlers (logic)
     account.ts
     ai.ts
     analytics.ts
     index.ts
     tests.ts
  middleware.ts       # Auth middleware
```

Known Limitations

1. **No pagination**: List endpoints return all records
2. **No filtering**: Limited query parameter support
3. **No webhooks**: No event-based notifications yet
4. **Single framework**: Only Vitest supported currently

Compliance Checklist

Minimum Requirements

#	Requirement	Status	Implementation
1	Structured API documentation		This document with endpoint reference
2	OpenAPI/Swagger specification		Auto-generated at `/rpc/spec`
3	Sample requests/responses		JSON examples for all endpoints
4	HTTP status codes		Documented in API Reference
5	Error messages		Error Taxonomy section
6	Data model descriptions		Data Models section
7	Getting Started guide		Dedicated section
8	Integration tutorial		Step-by-step workflow
9	Architecture overview		Mermaid diagrams
10	Developer-accessible format		Markdown + Scalar UI
11	Documentation strategy		Tools and conventions
12	Consistent formatting		Standardized structure

Maximum Requirements

#	Requirement	Status	Implementation
1	Comprehensive documentation		Full reference + guides
2	Advanced topics		Rate limits, auth deep-dive
3	Detailed diagrams		Sequence + component diagrams
4	Schema validation		Zod + oRPC

Appendix

API Endpoint Summary

Category	Endpoints	Methods
Test Folders	6	GET, POST, DELETE
Test Specs	4	GET, PUT, DELETE
Test Requirements	3	GET, PUT, DELETE
Tests	5	GET, PUT, DELETE, POST
Account	2	GET, DELETE
AI	1	POST
Analytics	1	GET
Total	**22**	

Environment Variables

Variable	Description
`NEXT_PUBLIC_DATABASE_URL`	Turso database URL
`DATABASE_AUTH_TOKEN`	Turso auth token
`OPENROUTER_API_KEY`	OpenRouter API key
`GEMINI_API_KEY`	Google Gemini API key

Documentation generated for Automaspec API v1.0.0 Last updated: December 2024