WritGo API Inventory & Consolidatie Strategie

Datum: 18 december 2024
Status: Phase 2.1 - API Analyse

Executive Summary

WritGo heeft momenteel **596 API routes** verspreid over 37 categorieën. Dit is een zeer complexe API structuur die geleidelijke consolidatie vereist.

Current API Statistics

Category	Route Count	Priority
client	267	High - Consolidate core routes
admin	155	High - Consolidate essentials
ai-agent	27	Medium - Review integration
cron	23	Low - Keep as-is
simplified	**19**	**Active - Expand**
financien	12	Low - Keep separate module
content-hub	11	Medium - Evaluate
vadoo	7	Low - Keep as-is
social	6	Medium - Consolidate
superadmin	6	Low - Keep separate

Existing Simplified Routes (19)

Huidige simplified API endpoints:
1. `/api/simplified/blog` - Blog listing
2. `/api/simplified/blog/[slug]` - Individual blog post
3. `/api/simplified/content` - Content management
4. `/api/simplified/content-plan` - Content planning
5. `/api/simplified/content-plan/analyze-wordpress` - WordPress analysis
6. `/api/simplified/dashboard/projects` - Dashboard projects
7. `/api/simplified/generate` - Content generation
8. `/api/simplified/generate/quick` - Quick generation

9. `/api/simplified/platforms` - Platform management ✅ (Phase 1)
10. `/api/simplified/projects` - Projects list
11. `/api/simplified/projects/[id]` - Single project
12. `/api/simplified/publish` - Publishing
13. `/api/simplified/publish/wordpress` - WordPress publishing
14. `/api/simplified/rewrite` - Content rewriting
15. `/api/simplified/social-media/generate` - Social media generation
16. `/api/simplified/social-media/history` - Social media history
17. `/api/simplified/social-media/post` - Social media posting
18. `/api/simplified/social-media/settings` - Social media settings
19. `/api/simplified/stats` - Statistics

Consolidatie Strategie

Phase 2A: Core API Consolidation (Immediate)

Target: Add 10-15 nieuwe simplified routes voor core functionaliteit

1. Account Management (nieuw - Phase 1 added)

- ✅ `/api/simplified/account` - GET/PATCH account info
- ✅ `/api/simplified/account/branding` - GET/POST branding settings

2. Content Overview & Management

- 🔄 `/api/simplified/content-overview` - GET all content across projects
- 🔄 `/api/simplified/content/[id]` - GET/PATCH/DELETE single content
- 🔄 `/api/simplified/content/bulk` - POST bulk operations

3. Platform Integration

- ✅ `/api/simplified/platforms` - Already exists
- 🔄 `/api/simplified/platforms/[id]` - GET/PATCH/DELETE single platform
- 🔄 `/api/simplified/platforms/test` - POST test connection

4. Dashboard & Stats

- ✅ `/api/simplified/stats` - Already exists
- 🔄 `/api/simplified/dashboard/overview` - GET dashboard overview
- 🔄 `/api/simplified/dashboard/recent-activity` - GET recent activity

Phase 2B: Admin Interface API (High Priority)

Target: Identificeer en migreer 20-30 essentiële admin routes

Vanaf de 155 admin routes, focus op:
1. User management (clients, projects)
2. Content moderation
3. System settings
4. Analytics & reporting

Phase 2C: Component Deduplication (Parallel)

Focus op het identificeren en samenvoegen van:
1. Duplicate API calls in components
2. Redundant data fetching patterns
3. Inconsistent error handling

API Design Patterns

Consistent Error Handling

```
// Standard error response format
{
  success: false,
  error: {
    code: "ERROR_CODE",
    message: "User-friendly message",
    details?: any
  }
}
```

Standard Success Response

```
{
  success: true,
  data: any,
  meta?: {
    pagination?: {...},
    timestamp: string
  }
}
```

Request Validation

- All routes must validate input using Zod schemas
- Authentication checks via middleware
- Rate limiting for AI endpoints

Migration Guidelines

When to Migrate a Route

✅ Migrate if:
- Used by simplified interface
- Part of core user flow (dashboard, content, platforms)
- Duplicate functionality exists
- Poor error handling
- Inconsistent with API standards

❌ Keep separate if:
- Cron job (internal only)
- Third-party webhook
- Low-level system function
- Module-specific (financien, vadoo)
- Rarely used admin function

Migration Checklist

For each migrated route:

- [ ] Create new `/api/simplified/[route]/route.ts`

- [ ] Implement consistent error handling
- [ ] Add input validation (Zod)
- [ ] Replace mock data with real queries
- [ ] Add TypeScript types
- [ ] Test endpoint thoroughly
- [ ] Update frontend to use new endpoint
- [ ] Add deprecation notice to old endpoint
- [ ] Add redirect from old to new (if applicable)
- [ ] Update API documentation

Next Steps

1. ✅ Create API inventory (this document)
2. 🔄 Identify core routes for Phase 2A (next)
3. ⏳ Implement simplified API routes
4. ⏳ Update components to use new routes
5. ⏳ Test and validate all changes

Metrics

Current State:
- Total Routes: 596
- Simplified Routes: 19 (3.2%)
- Legacy Routes: 577 (96.8%)

Target State (End of Phase 2):
- Simplified Routes: 40-50 (core functionality covered)
- Consolidated Routes: ~500
- Deprecated Routes: Clearly marked

Target State (End of Phase 4):
- Simplified Routes: 80-100 (all core + common features)
- Legacy Routes: Only specialized modules
- Clean separation: Core vs. Modules vs. System

Notes

- Financien module (12 routes) blijft separaat - specifiek voor Nederlandse boekhouding
- Cron jobs (23 routes) zijn internal-only, geen consolidatie nodig
- Vadoo (7 routes) is third-party integratie, keep as-is
- Focus op client (267) en admin (155) routes voor grootste impact