

zappier/admin

```
**Package:** zappier
**Source:** packages/zappier/src/admin.ts
**Lines:** 486
```

What this module is

Implementation module in zappier. The tables below are extracted from the source (signatures + JSDoc).

Exports

adminLoginRouter, adminAuth, AccountingDeps, renderInvoiceHtml, adminRouter

Types / interfaces / classes

```
· Kind · Name ·
· ----- ·
· interface · AccountingDeps ·
```

Functions

```
· Name · Parameters · Param types (JSDoc) · Returns · Calls (same file / helpers) ·
· ----- ·
· adminLoginRouter · users: AdminUserRepo · — · unknown · see Call graph ·
· adminAuth · (none) · — · unknown · see Call graph ·
· isValidRule · rule: unknown · — · unknown · see Call graph ·
· isValidTier · tier: unknown · — · unknown · see Call graph ·
· periodWindow · period: string · — · unknown · see Call graph ·
· parseDate · value: unknown · — · unknown · see Call graph ·
· escapeHtml · s: string · — · unknown · see Call graph ·
· renderInvoiceHtml · invoice: Invoice, customerName: string · — · unknown · see Call graph ·
· adminRouter · store: PricingStore,
customers: CustomerRepo,
accounting: AccountingDeps, | — | unknown | see Call graph |
```

Methods (class / object)

```
· Name · Parameters ·  
· ----- ·  
· return · req, res, next ·  
· return · typeof t.name === 'string' &&  
typeof t.multiplier === 'number' &&  
typeof t.monthlyCreditCents === 'number' &&  
(t.defaultRule === undefined || isValidRule(t.defaultRule |
```

What it imports / requires

- crypto
- fs
- path
- express
- ./accounts
- ./admin-users
- ./auth
- ./invoicing
- ./pricing
- ./paths
- ./reports
- ./usage

Call graph (identifiers invoked)

tokens, adminLoginRouter, post, status, json, findByUsername, verifyPassword, randomBytes, toString, set, now, adminAuth, header, next, startsWith, slice, has, isValidRule, every, isValidTier, periodWindow, split, map, parseDate, trim, isNaN, getTime, escapeHtml, replace, toFixed, renderInvoiceHtml, dollars, join, toISOString, toUpperCase, adminRouter, get, getRateCard, getTiers, put, upsertEndpoint, delete, deleteEndpoint, upsertTier, deleteTier, list, randomUUID, save, find, test, push, listFor, filter, buildInvoice, nextSequence, type, send, untouched, flatMap, billingRows

Each identifier is a call site in this file. Follow the import list to see the defining module; open that module's MD for parameter and return types.

Return values (how to read this)

- HTTP route handlers return Express `res.json(...)` bodies (see route docs).

- Zapier perform functions return a **single object** (creates) or an **array** (triggers/searches).
- Pricing functions return integer **cents** on Quote.totalCents.