

TechDocsNotionExportService

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Kind: Service

Source: [atloria-monorepo/apps/api/src/technical-docs/techdocs-notion-export.service.ts](#)

`TechDocsNotionExportService` is a NestJS backend service responsible for exporting technical documentation content to Notion. It coordinates the transformation and delivery of generated TechDocs data to the configured Notion workspace, acting as the integration boundary between the technical documentation module and Notion APIs.

Methods

Method	Signature	Returns
<code>exportToNotion</code>	<code>exportToNotion(projectId: string, userId: string, dto: NotionExportDto)</code>	<code>unknown</code>

Dependencies

- `PrismaService`
- `TechnicalDocsMaterializerService`

Where it refuses work

- `TechDocsNotionExportService` stops the work with `NotFoundException` when `!member` — “Project not found”.
- `TechDocsNotionExportService` stops the work with `BadRequestException` when `!pages.length`.
- `TechDocsNotionExportService` stops the work with `BadRequestException` when `!integrationToken || !parentPageId` — “integrationToken and parentPageId are required (or pass dryRun: true).”.

- `TechDocsNotionExportService` stops the work with `BadRequestException` when `!container.ok` .
- `TechDocsNotionExportService` stops the work with an early return when `dto?.dryRun` .
- `TechDocsNotionExportService` stops the work with an early return when `!res.ok` .

When something fails

- `TechDocsNotionExportService` handles failure in 2 places: it turns it into a return value in all 2.

Diagram

```
sequenceDiagram
    participant Client as API Controller / Job
    participant ExportService as TechDocsNotionExportService
    participant TechDocs as Technical Docs Source
    participant Notion as Notion API

    Client->>ExportService: exportToNotion()
    ExportService->>TechDocs: Load documentation content
    TechDocs-->>ExportService: Documentation data
    ExportService->>ExportService: Transform content for Notion blocks
    ExportService->>Notion: Create or update Notion pages
    Notion-->>ExportService: Export result
    ExportService-->>Client: Return export status/result
```

Usage

```
import { Injectable } from '@nestjs/common';
import { TechDocsNotionExportService } from './techdocs-notion-export.service';

@Injectable()
export class TechDocsExportJob {
  constructor(
    private readonly notionExportService: TechDocsNotionExportService,
  ) {}

  async run() {
    const result = await this.notionExportService.exportToNotion();

    return {
      success: true,
      result,
    };
  }
}
```

```
}  
}
```

AI Coding Instructions

- Inject `TechDocsNotionExportService` through NestJS dependency injection; do not instantiate it directly with `new`.
- Keep Notion-specific API calls and block/page transformation logic inside this service or dedicated Notion client helpers.
- Ensure exported documentation is validated and normalized before creating Notion blocks, especially for headings, code blocks, and nested content.
- Handle Notion API failures, rate limits, and partial exports explicitly so callers receive actionable error information.
- Preserve idempotency where possible by updating existing Notion pages instead of creating duplicate pages on repeated exports.

Relationships

- `DEPENDS_ON` → `PrismaService`
- `DEPENDS_ON` → `TechnicalDocsMaterializerService`

Referenced By

- `TechnicalDocsController` (`DEPENDS_ON`)
- `TechnicalDocsModule` (`MODULE_PROVIDES`)