

System Overview

September 14, 2026

NestJS head-to-head

Overview

Auto-generated technical documentation for **NestJS head-to-head** — 1520 entities (413 doc comments, 259 interfaces, 259 classes, 183 functions).

Architecture

```
flowchart LR
    service_ConsoleLogger_38089336["ConsoleLogger"]
    service_Logger_56f71189["Logger"]
    service_ClassSerializerInterceptor_38d66def["ClassSerializerInterceptor"]
    module_ClientsModule_41eb342d["ClientsModule"]
    module_MulterModule_1337416c["MulterModule"]
```

Modules

- **ClientsModule**
- **MulterModule**

Entry Points

- GET / → moduleKey
- GET / → moduleName
- ALL / → handler
- GET / → metatype
- GET / → handler
- ALL / → handler
- GET / → modulesContainer
- GET / → normalizedPattern

- `GET /` → route

Key Components

The most-referenced entities — start here.

- **Module** (function) — referenced 181×
- **Get** (constant) — referenced 77×
- **Scope** (enum) — referenced 69×
- **Inject** (function) — referenced 64×
- **Type** (interface) — referenced 62×
- **Logger** (service) — referenced 52×
- **ExecutionContext** (interface) — referenced 48×
- **Post** (constant) — referenced 37×
- **NestInterceptor** (interface) — referenced 36×
- **CallHandler** (interface) — referenced 32×

Subsystems

Ordered by how much of the rest of the system depends on them, not by how much code they contain. A small module many things import shapes this codebase more than a large one nothing imports.

Subsystem	Depended on by	Entities	Starts at
Common	8	353	<code>DefaultValuePipe</code> , <code>ParseFilePipe</code>
Core	5	284	<code>moduleKey</code> , <code>moduleName</code>
Websockets	4	87	<code>Readme.md</code> , <code>BaseWsInstance</code>
Microservices	1	429	<code>normalizedPattern</code> , <code>route</code>
Platform Express	0	52	<code>MulterModule</code>
Platform Fastify	0	44	<code>Readme.md</code> , <code>FastifyAdapter</code>
Testing	0	41	<code>TestingLogger</code> , <code>Readme.md</code>
Platform Socket.io	0	31	<code>Readme.md</code> , <code>IoAdapter</code>
Platform Ws	0	31	<code>Readme.md</code> , <code>WsAdapter</code>

Common depend on no other subsystem here — they are the leaves.

How this code is named

These conventions cover most of the codebase. Learning them is faster than reading an index —

each one lets you find any member of its family without looking it up.

Pattern	Where	Count	Examples
<code>*.interface.ts</code>	across the repository	128	<code>type.interface.ts</code> , <code>file.interface.ts</code> , <code>edge.interface.ts</code> , <code>node.interface.ts</code>
<code>*.exception.ts</code>	across the repository	55	<code>gone.exception.ts</code> , <code>http.exception.ts</code> , <code>runtime.exception.ts</code> , <code>conflict.exception.ts</code>
<code>*.decorator.ts</code>	across the repository	39	<code>sse.decorator.ts</code> , <code>ctx.decorator.ts</code> , <code>ack.decorator.ts</code> , <code>bind.decorator.ts</code>
<code>*.util.ts</code>	across the repository	21	<code>cli-colors.util.ts</code> , <code>forward-ref.util.ts</code> , <code>is-log-level.util.ts</code> , <code>load-package.util.ts</code>
<code>*.pipe.ts</code>	across the repository	10	<code>parse-int.pipe.ts</code> , <code>parse-file.pipe.ts</code> , <code>parse-bool.pipe.ts</code> , <code>parse-date.pipe.ts</code>
<code>*.enum.ts</code>	across the repository	10	<code>transport.enum.ts</code> , <code>http-status.enum.ts</code> , <code>version-type.enum.ts</code> , <code>ws-paramtype.enum.ts</code>