

AppService

September 4, 2026

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Kind: Service**Source:** [atloria-monorepo/apps/api-schema-parser/src/app.service.ts](#)

`AppService` provides application-level metadata for the API schema parser service. It exposes a health summary for operational checks and a list of supported parser definitions for clients that need to discover available parsing capabilities.

Methods

Method	Signature	Returns	Description
<code>getHealth</code>	<code>getHealth()</code>	<code>{ status: string; parsers: string[]; version: string }</code>	Get health status
<code>getSupportedParsers</code>	<code>getSupportedParsers()</code>	<code>`Array<{</code>	

```
name: string;
version: string;
patterns: string[];
```

}> | Get list of supported parsers |

Diagram

```
sequenceDiagram
    participant Client
    participant Controller
    participant AppService

    Client->>Controller: GET /health
    Controller->>AppService: getHealth()
    AppService-->>Controller: status, parsers, version
    Controller-->>Client: Health response
```

```
Client->>Controller: GET /parsers
Controller->>AppService: getSupportedParsers()
AppService-->>Controller: Parser metadata
Controller-->>Client: Supported parsers response
```

Usage

```
import { AppService } from './app.service';

const appService = new AppService();

const health = appService.getHealth();
console.log(health);
// {
//   status: 'ok',
//   parsers: ['...'],
//   version: '...'
// }

const parsers = appService.getSupportedParsers();

for (const parser of parsers) {
  console.log(`${parser.name}@${parser.version}`);
  console.log(`Supported patterns: ${parser.patterns.join(', ')}`);
}
```

AI Coding Instructions

- Keep `getHealth()` lightweight and deterministic; it should return status metadata without performing expensive parser initialization or external network calls.
- Ensure parser names returned by `getHealth().parsers` stay aligned with the parser definitions returned by `getSupportedParsers()`.
- When adding a parser, include its stable `name`, semantic `version`, and all supported file or schema `patterns`.
- Preserve the existing response shapes because health checks, controllers, and API consumers may depend on these fields.
- Add parser discovery changes through this service rather than duplicating parser metadata in controllers or route handlers.