

OpenAPIParser

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Kind: Class**Source:** [atloria-monorepo/libs/parser-core/src/parsers/api-schema/openapi.parser.ts](https://github.com/atloria-monorepo/libs/parser-core/src/parsers/api-schema/openapi.parser.ts)

OpenAPI Parser Implementation (Parser-Core Version)

Supports:

- OpenAPI 3.0.x and 3.1.x
- Swagger 2.0
- JSON and YAML formats

Implements: `IParser`

Methods

Method	Signature	Returns
<code>initialize</code>	<code>initialize(_config: ParserConfig)</code>	<code>Promise<void></code>
<code>canParse</code>	<code>canParse(filePath: string)</code>	<code>boolean</code>
<code>parseFile</code>	<code>parseFile(filePath: string, content: string)</code>	<code>Promise<ParseResult></code>
<code>parseFiles</code>	<code>parseFiles(files: ParseFileInput[])</code>	<code>Promise<ParseResult[]></code>
<code>destroy</code>	<code>destroy()</code>	<code>Promise<void></code>

Properties

Property	Type
<code>name</code>	<code>any</code>
<code>version</code>	<code>any</code>
<code>supportedPatterns</code>	<code>any</code>

Where it refuses work

- `OpenAPIParser` stops the work with an early return when `!pathItem` , in 4 places.
- `OpenAPIParser` stops the work with an early return when `!operation` , in 4 places.
- `OpenAPIParser` stops the work with an early return when `!/\.(json|ya?ml)$/i.test(filePath)` .
- `OpenAPIParser` stops the work with an early return when `schema === null || typeof schema !== 'object'` .
- `OpenAPIParser` stops the work with an early return when `ancestors.includes(schema as object)` .
- `OpenAPIParser` stops the work with an early return when `Array.isArray(schema)` .

When something fails

- `OpenAPIParser` handles failure in 2 places: it logs it and continues in 1, and turns it into a return value in 1.