

FastAPIParser

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Kind: Class

Source: [atloria-monorepo/libs/parser-core/src/parsers/backend/fastapi.parser.ts](https://github.com/atloria-monorepo/libs/parser-core/src/parsers/backend/fastapi.parser.ts)

FastAPI Parser implementation

Uses regex-based parsing for Python files since we can't use Python AST directly in Node.js

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

- `FastAPIParser` stops the work with an early return when `!fileContent.trim()` .
- `FastAPIParser` stops the work with an early return when `!this.isFastAPIFile(fileContent, filePath)` .
- `FastAPIParser` stops the work with an early return when `content.includes('from fastapi') || content.includes('import fastapi') || content.include...` .
- `FastAPIParser` stops the work with an early return when `!m` .
- `FastAPIParser` stops the work with an early return when `!mounts.length && !reexports` .
- `FastAPIParser` stops the work with an early return when `segments.length === 0` .

When something fails

- `FastAPIParser` handles failure in 1 place: it turns it into a return value in all 1.