

PythonParser

September 4, 2026

PythonParser

Kind: Class

Source: `atloria-monorepo/libs/parser-core/src/parsers/backend/python.parser.ts`

Python Project Parser implementation

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

- `PythonParser` stops the work with an early return when `/\.python-version$/\.test(filePath) || /runtime\.txt$/\.test(filePath) .`

- `PythonParser` stops the work with an early return when `!match` .
- `PythonParser` stops the work with an early return when `versionSpec === '*' || versionSpec === ''` .
- `PythonParser` stops the work with an early return when `/^[0-9.]+$/ .test(versionSpec)` .
- `PythonParser` stops the work with an early return when `/^[>=<=!]/ .test(versionSpec)` .

When something fails

- `PythonParser` handles failure in 3 places: it turns it into a return value in all 3.