

MegaFileIndexer

September 4, 2026

MegaFileIndexer

Kind: Class

Source: [atloria-monorepo/packages/doc-automation/src/v2/stages/stage-01-parse/mega-file-indexer.ts](#)

Mega File Indexer - Handles extremely large files with phased extraction

Methods

Method	Signature	Returns
<code>detectMegaFile</code>	<code>detectMegaFile(filePath: string)</code>	<code>Promise<MegaFileDetectionResult></code>
<code>createIndex</code>	<code>createIndex(filePath: string)</code>	<code>Promise<MegaFileIndex></code>
<code>extractAllPhases</code>	<code>extractAllPhases(filePath: string)</code>	<code>Promise<MegaFilePhaseExtractionResult></code>
<code>loadSection</code>	<code>loadSection(filePath: string, startLine: number, endLine: number)</code>	<code>Promise<string></code>
<code>loadEntity</code>	<code>loadEntity(index: MegaFileIndex, entityName: string)</code>	<code>Promise<string></code>

Where it refuses work

- `MegaFileIndexer` stops the work with an early return when `seen.has(key)` .
- `MegaFileIndexer` stops the work with an early return when `callPattern.test(content)` .
- `MegaFileIndexer` stops the work with an early return when `extendsPattern.test(content)` .
- `MegaFileIndexer` stops the work with an early return when `!entity` .

When something fails

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