

SemanticIndex

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SemanticIndex

Kind: Class

Source: [atloria-monorepo/libs/agent-core/src/semantic/semantic-index.ts](https://github.com/atloria-monorepo/libs/agent-core/src/semantic/semantic-index.ts)

Methods

Method	Signature	Returns
<code>index</code>	<code>index()</code>	<code>Promise<IndexStats></code>
<code>reindexFiles</code>	<code>reindexFiles(files: string[])</code>	<code>Promise<void></code>
<code>search</code>	<code>search(query: string, topK: number)</code>	<code>Promise<SearchResult[]></code>
<code>isIndexed</code>	<code>isIndexed()</code>	<code>boolean</code>

Where it refuses work

- `SemanticIndex` stops the work with an early return when `results.length >= maxFiles` , in 2 places.
- `SemanticIndex` stops the work with an early return when `toReindex.length === 0` .
- `SemanticIndex` stops the work with an early return when `gitFiles` .
- `SemanticIndex` stops the work with an early return when `!includeExtensions.includes(ext)` .
- `SemanticIndex` stops the work with an early return when `!fs.existsSync(gitDir)` .

When something fails

- `SemanticIndex` handles failure in 8 places: it discards it silently in 5, turns it into a return value in 2, and logs it and continues in 1.