

LargeFileIndex

September 4, 2026

LargeFileIndex

Kind: Interface

Source: [atloria-monorepo/packages/doc-automation/src/v2/types/stage-02.types.ts](#)

LargeFileIndex - Detailed index for lazy loading from large files (>500KB)

Instead of loading full content of large files (which would overflow context), we create an index that enables on-demand loading of specific sections. This supports the iterative deep loading mechanism.

Properties

Property	Type
filePath	string
fileSize	number
lineCount	number
tokenEstimate	number
overview	{

```
purpose: string; // What this file is for
primaryExports: string[]; // Main exports
imports: string[]; // Key imports
isAutoGenerated: boolean; // Detected auto-generated file
```

```
} | | entities | Array<{
name: string;
type: string; // FUNCTION, CLASS, etc.
startLine: number;
endLine: number;
signature: string; // Quick reference
```

```
summary: string; // Brief description
hasNeverTruncatePatterns: boolean; // Contains critical patterns
}> | | sections | Array<{
startLine: number;
endLine: number;
summary: string; // What this section does
entities: string[]; // Entity names in this section
}> | | criticalExtracts | Array<{
entityName: string;
reason: 'validation' | 'error_messages' | 'permissions' | 'state_machine';
content: string; // Full source code
}>` |
```