

CompactionSummary

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CompactionSummary

Kind: Interface

Source: `atloria-monorepo/libs/agent-core/src/context/compaction-types.ts`

Smart Compaction Types

Structured schema for model-based context compaction.
The CompactionSummary is a persistent, evolving document that captures everything the agent needs to continue working after context compression.

Anchored Iterative Summarization (Factory.ai pattern):

- First compaction: summarize full history into CompactionSummary v1
- Subsequent compactions: merge NEW items into existing summary (delta merge)
- Code snippets are NEVER summarized — preserved verbatim

Properties

Property	Type
<code>sessionGoal</code>	<code>string</code>
<code>progress</code>	<code>{</code>

```
/** Tasks/steps already completed */
completed: string[];
/** What the agent is currently working on */
inProgress: string;
/** Known remaining steps */
remaining: string[];
/** Things preventing progress */
blockers: string[];
```

```
} | | fileOperations | Array<{
path: string;
```

```
action: 'created' | 'modified' | 'read' | 'deleted';  
/** What was done or learned from this file */  
keyDetails: string;  
}> | | decisions | Array<{  
decision: string;  
rationale: string;  
}> | | errors | Array<{  
error: string;  
resolved: boolean;  
resolution?: string;  
}> | | preservedCode | Array<{  
file: string;  
snippet: string;  
why: string;  
}> | | domainState | Record<string, string>` |
```