

GitBackend

September 5, 2026

GitBackend

Kind: Class

Source: `atloria-monorepo/libs/agent-core/src/context/git-backend.ts`

Implements: `CheckpointBackend`

Methods

Method	Signature	Returns
<code>isGitRepo</code>	<code>isGitRepo(dir: string)</code>	<code>boolean</code>
<code>save</code>	<code>save(snap: Snapshot)</code>	<code>void</code>
<code>load</code>	<code>load(relPath: string)</code>	<code>Snapshot[]</code>
<code>loadLatest</code>	<code>loadLatest(relPath: string)</code>	<code>Snapshot</code>
<code>deleteFile</code>	<code>deleteFile(relPath: string)</code>	<code>void</code>
<code>deleteFrom</code>	<code>deleteFrom(relPath: string, fromIndex: number)</code>	<code>void</code>
<code>getTrackedFiles</code>	<code>getTrackedFiles()</code>	<code>string[]</code>
<code>getTotalCount</code>	<code>getTotalCount()</code>	<code>number</code>
<code>getSnapshotCount</code>	<code>getSnapshotCount(relPath: string)</code>	<code>number</code>
<code>clear</code>	<code>clear()</code>	<code>void</code>
<code>evictOldest</code>	<code>evictOldest()</code>	<code>boolean</code>

Properties

Property	Type
<code>sessionId</code>	<code>string</code>

Where it refuses work

- `GitBackend` stops the work with `Error` when `!this.gitDir` .
- `GitBackend` stops the work with an early return when `!entries || entries.length === 0` , in 2 places.
- `GitBackend` stops the work with an early return when `!entries` .
- `GitBackend` stops the work with an early return when `fromIndex < 0 || fromIndex >= entries.length` .

When something fails

- `GitBackend` handles failure in 7 places: it turns it into a return value in 3, discards it silently in 3, and logs it and continues in 1. A failure discarded silently leaves no trace for whoever debugs this later.