

# CheckpointManager

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## CheckpointManager

Kind: Class

Source: [atloria-monorepo/libs/agent-core/src/context/checkpoint-manager.ts](#)

### Methods

| Method                     | Signature                                                                                       | Returns                            |
|----------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|
| <code>createWithGit</code> | <code>`createWithGit(rootDir: string, config: Omit&lt;CheckpointManagerConfig, 'rootDir'</code> | <code>'backend'&gt; &amp; {</code> |

```
    sessionId?: string;
    staleAgeDays?: number;
  })` | `CheckpointManager` |
```

- | `snapshot` | `snapshot(relPath: string, label: string)` | `boolean` |
- | `rollback` | `rollback(relPath: string, index: number)` | `string | null` |
- | `getSnapshots` | `getSnapshots(relPath: string)` | `readonly Snapshot[]` |
- | `getSnapshotCount` | `getSnapshotCount(relPath: string)` | `number` |
- | `getTotalCount` | `getTotalCount()` | `number` |
- | `getTrackedFiles` | `getTrackedFiles()` | `string[]` |
- | `clear` | `clear()` | `void` |
- | `getBackend` | `getBackend()` | `CheckpointBackend` |

### Where it refuses work

- `CheckpointManager` stops the work with an early return when `!absPath.startsWith(path.resolve(this.rootDir))` , in 2 places.
- `CheckpointManager` stops the work with an early return when `!fs.existsSync(absPath)` .
- `CheckpointManager` stops the work with an early return when `fileSnaps.length === 0` .

- `CheckpointManager` stops the work with an early return when `snapIndex < 0 || snapIndex >= fileSnaps.length` .

## When something fails

- `CheckpointManager` handles failure in 1 place: it turns it into a return value in all 1.