

CircleDetectorOptions

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Kind: Interface

Source: [atloria-monorepo/libs/agent-core/src/autonomous/circle-detector.ts](https://github.com/atloria-monorepo/libs/agent-core/src/autonomous/circle-detector.ts)

Circle/Loop Detector

Detects when an agent gets stuck in repetitive cycles: editing the same files without progress, running the same failing commands, or alternating between approaches.

Standalone class, consumed by AutonomousTurnHook.
Called every turn with $O(\text{windowSize})$ cost.

Properties

Property	Type
windowSize	number
minTurnsBeforeDetection	number
signatureRepetitionThreshold	number
fileRepetitionThreshold	number
testStagnationCount	number