

clampTimeout

September 4, 2026

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Kind: Function

Source: [atloria-monorepo/libs/agent-core/src/benchmark/agent-hardening.ts](https://github.com/atloria-monorepo/libs/agent-core/src/benchmark/agent-hardening.ts)

Agent Hardening — Defensive Patterns for Benchmark Execution

Utilities adopted from SWE-agent and Claude Code:

- Bash timeout clamping utility (prevents single commands from hogging budget)
- Pager-disabling environment (PAGER=cat, etc.)
- Cost limit per task (\$3-5 budget)
- Autosubmission on error (partial patch > no patch)
- Zero-progress detection (3 consecutive zero-token turns)

Note: Task-level timeout is 1800s (30 min, matching SWE-agent).
Setup time is excluded — timer starts AFTER setupTask() completes.
Per-command bash timeout is 120s (benchmark) / 60s (interactive).

These are pure utility functions — no side effects, easy to test.

Signature

```
function clampTimeout(requested: number | undefined, ceiling: number, defaultMs: number): number
```

Parameters

Name	Type
requested	number
ceiling	number
defaultMs	number

Returns: number