

ReplLogger

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ReplLogger

Kind: Class

Source: `packages/core/repl/repl-logger.ts`

Part of: [Core](#)

`ReplLogger` provides logging support for the REPL subsystem, centralizing how messages are emitted during interactive sessions. Its `log()` method should be used by REPL commands and runtime flows that need to report status, output, or diagnostic information consistently.

Extends: `ConsoleLogger`

Methods

Method	Signature	Returns
<code>log</code>	<code>log(_message: any, context: string)</code>	<code>void</code>

Where it refuses work

- `ReplLogger` stops the work with an early return when `ReplLogger.ignoredContexts.includes(context!)` .

Diagram

```
graph LR
    Command[REPL Command] --> Logger[ReplLogger]
    Runtime[REPL Runtime] --> Logger
    Logger --> Output[Interactive Console Output]
```

Usage

```
import { ReplLogger } from "../repl-logger";

const logger = new ReplLogger();

logger.log("REPL session started");

// Use the shared logger from command handlers or runtime operations.
function runCommand(command: string) {
  logger.log(`Executing command: ${command}`);
}

runCommand("help");
```

AI Coding Instructions

- Use `ReplLogger.log()` for REPL-facing messages instead of writing directly to the console.
- Keep logged messages concise and actionable because they are displayed in an interactive terminal context.
- Reuse the logger instance managed by the REPL runtime when one is available; avoid creating unnecessary per-command instances.
- Preserve existing output formatting and ordering so command output remains predictable for users and tests.

How it works

`ReplLogger`

`ReplLogger` is a `ConsoleLogger` subclass used when `repl()` creates a Nest application context. The REPL passes a new instance as the context's `logger` option before initializing the application. [packages/core/repl/repl-logger.ts:6](#)
[packages/core/repl/repl.ts:16-20](#)

It overrides only `log`; inherited methods such as `error`, `warn`, `debug`, `verbose`, and `fatal` are not overridden. [packages/core/repl/repl-logger.ts:13-19](#)
[packages/common/services/console-logger.service.ts:192-276](#)

Relationships

- IMPORTS → `ConsoleLogger`

