

Synthetic debugging-log preparation pack

SRE, developers and security engineering

[Read the complete guide on aona.ai](#)

Before using machine logs with an AI assistant, keep the error, relevant sequence and correlation structure while removing credentials and unnecessary customer identifiers. Check the actual input path and provider account. The synthetic pack shows one useful transformation, not a general-purpose redactor or proof that every log field has been made safe.

Compare a raw fictional trace, a minimised version and the fields retained for diagnosis.

Entirely synthetic logs. The offline transformation is limited to this fixture and is not a production sanitizer.

Your review

Reviewer: _____ Date: _____

Organisation or team: _____

☐ **Write the debugging question**

Retain only events and stack frames that contribute to it.

☐ **Preserve useful relationships**

Use consistent replacements for repeated identifiers without keeping original values.

☐ **Review the remaining excerpt**

A transformation is not an automatic disclosure approval or complete sensitive-data scan.

Checked items record your review, not a compliance approval or an installed-product test result.

Notes and next actions

Decision and scope: _____

Evidence to collect: _____

Owner and next review date: _____

Review matrix

Field	Raw example	Prepared example
Request correlation	SYNTHETIC_REQ_004	[REQUEST_1] on both lines
Authorization	Fake bearer marker	[AUTH_REMOVED]
Customer email	person@example.invalid	[EMAIL_1]
Failure context	Missing quantity and two frames	Preserved

Synthetic debugging-log preparation

All data is fictional. The example.invalid address cannot identify a real customer. Authorization and cookie strings are obvious fake markers, not credentials.

Compare synthetic-raw.log with expected-minimised.log and complete the “Debugging excerpt review” section. The optional prepare_example.py uses only the unchanged bundled raw file, refuses any other content by hash and prints a fixed demonstration transformation. It performs no network calls and is not a production redactor. Do not replace the fixture with real logs.

Debugging question: why did the fictional request return a missing-quantity error after a retry? Observe that the status, time sequence, error text and stack frames remain useful without the original marker values.

Debugging excerpt review

Question: _____
Minimum time window and events: _____
Error/status and frames retained: _____
Repeated values requiring consistent replacement: _____
Credentials, cookies and unnecessary identifiers removed: _____
Remaining architecture or business context to review: _____
Service/account and submission path: _____
Owner decision: NOT YET REVIEWED
Control test, if applicable: UNTESTED
Evidence: _____

This record does not certify a real excerpt as safe or authorize disclosure.

Practice files

The complete download pack includes these original working files. Keep their original formats when running or inspecting the examples.

- [Synthetic raw \(synthetic-raw.log\)](#)
- [Expected minimised \(expected-minimised.log\)](#)
- [Prepare example \(prepare_example.py\)](#)

Sources and scope

Sources checked 2026-09-21. Review the current requirements and your actual agreement before using this workbook for a real decision. This does not imply inspection of every terminal output, log format, support bundle or remote development path.

[OAIC: Use of commercially available AI products](#). Explains privacy considerations for personal information input to commercial AI products.

[Claude Code: Data usage](#). Distinguishes ordinary use from user-initiated feedback and transcript-sharing paths.

[Aona: AI security coverage](#). Requires verification of the intended supported input path.