

ROOT-CAUSE EVIDENCE TEMPLATE

Reproduction and Debugging Evidence Record

Separate reproducible observations, sourced expectations, hypotheses, mechanism evidence, fixes, and uncertainty.

Separate reproducible observations, sourced expectations, hypotheses, mechanism evidence, fixes, and uncertainty. Use one identified candidate, system, operation, or decision per copy so the record remains reviewable.

USE THIS RESOURCE WHEN

- Use it when a symptom must be reproduced and traced before a fix is accepted.
- Ownership, evidence, or decision authority must be explicit.
- Another person must be able to review or reproduce the result.



Free Academy resource

English • US Letter edition • Fillable PDF • v1.0

[Resource page](#)

How to use it

Separate reproducible observations, sourced expectations, hypotheses, mechanism evidence, fixes, and uncertainty. Use one identified candidate, system, operation, or decision per copy so the record remains reviewable.

HOW TO USE IT

- 1 Identify the exact subject and baseline before filling the working sections.
- 2 Separate verified facts from assumptions and unresolved questions.
- 3 Link evidence to the candidate, build, version, or decision it actually supports.
- 4 Record an accountable decision, owner, and next trigger before closing the document.

EXPLORE THE ACADEMY

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USE AND SHARING

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1. Reproduction identity

Issue / build / environment

Be specific. Name the source, evidence, owner, and decision where applicable.

Starting context and required state

Be specific. Name the source, evidence, owner, and decision where applicable.

Numbered actions

Be specific. Name the source, evidence, owner, and decision where applicable.

1. Reproduction identity — continued

Observed result

Be specific. Name the source, evidence, owner, and decision where applicable.

Expected result — sourced / provisional

Be specific. Name the source, evidence, owner, and decision where applicable.

2. Repeatability

Reset procedure

Be specific. Name the source, evidence, owner, and decision where applicable.

Repeat result / rate

Be specific. Name the source, evidence, owner, and decision where applicable.

Minimal reproduction

Be specific. Name the source, evidence, owner, and decision where applicable.

Observations — facts only

Be specific. Name the source, evidence, owner, and decision where applicable.

3. Mechanism and cause

Assumptions

Be specific. Name the source, evidence, owner, and decision where applicable.

Hypotheses — ranked

Be specific. Name the source, evidence, owner, and decision where applicable.

Instrumentation / probes

Be specific. Name the source, evidence, owner, and decision where applicable.

3. Mechanism and cause — continued

Mechanism evidence

Be specific. Name the source, evidence, owner, and decision where applicable.

Root cause — verified / possible / unknown

Be specific. Name the source, evidence, owner, and decision where applicable.

4. Fix and validation

Fix and change scope

Be specific. Name the source, evidence, owner, and decision where applicable.

Validation matrix

Be specific. Name the source, evidence, owner, and decision where applicable.

Regression checks

Be specific. Name the source, evidence, owner, and decision where applicable.

Restoration result

Be specific. Name the source, evidence, owner, and decision where applicable.

4. Fix and validation — continued

Remaining uncertainty

Be specific. Name the source, evidence, owner, and decision where applicable.

Evidence links and text equivalents

Be specific. Name the source, evidence, owner, and decision where applicable.

Decision / next probe / owner

Be specific. Name the source, evidence, owner, and decision where applicable.