

Package: retiaudit (via r-universe)

October 19, 2026

Title Inspect Python Selection Hints Without Starting Python

Version 0.1.0

Description A read-only preflight for Python environment selection with reticulate. Identifies explicit overrides, project-local environment hints, and conflicts with a requested managed environment. Produces a report that omits local paths and environment values. Does not initialize Python, discover interpreters, install software, or modify configuration.

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Encoding UTF-8

Depends R (>= 4.1.0)

Suggests reticulate (>= 1.41.0), testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/DaikiKumakura/retiaudit>

BugReports <https://github.com/DaikiKumakura/retiaudit/issues>

Repository <https://daikikumakura.r-universe.dev>

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audit_markdown	<i>Format a Python Selection Audit</i>
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Description

Formats the report without including local paths or environment values. Does not write files.

Usage

```
audit_markdown(report)
```

Arguments

report	A report from <code>audit_python()</code> .
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Value

A character vector of Markdown lines. Review before sharing.

Examples

```
lines <- audit_markdown(audit_python(tempdir()))
cat(paste(lines, collapse = "\n"))
```

audit_python	<i>Audit Visible Python Selection Hints</i>
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Description

Read-only preflight for reticulate selection hints. Does not load reticulate, start Python, run discovery, install software, or modify configuration.

Usage

```
audit_python(project = getwd(), intent = c("inspect", "managed", "existing"), expected = NULL)
```

Arguments

project	An existing project directory.
intent	Selection intention: inspect, managed, or existing.
expected	Optional expected interpreter file path.

Details

This is not an interpreter-selection prediction or dependency validation. Runtime `use_python` requests and delayed imports are not observed. Project startup files are not evaluated. A local virtualenv marker does not prove a valid interpreter. Guidance targets reticulate 1.41 and later.

Value

A `retiaudit_report` containing hints, markers, findings and scope. Environment values and paths are omitted.

Examples

```
report <- audit_python(tempdir(), intent = "managed")  
report
```

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