

Package ‘rapsimng.decide.core’

September 14, 2026

Title Decision-Oriented Analysis Core for APSIM Next Generation
Outputs

Version 0.1.1

Description

Provides a low-level interface for analysing Agricultural Production Systems sIMulator ('AP-SIM') Next Generation simulation outputs to support structured decision-making workflows.

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Encoding UTF-8

Depends R (>= 4.1.0)

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://core.decide.rapsimng.bangyou.me/>,
<https://github.com/byzheng/rapsimng.decide.core>

BugReports <https://github.com/byzheng/rapsimng.decide.core/issues>

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NeedsCompilation no

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document_lines	<i>Build output lines for a decision report document</i>
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Description

Converts a `rapsimng_decide_document` object into a character vector that can be written to disk. A document prefix is written first when present, then each non-NULL section body separated by blank lines.

Usage

```
document_lines(document)
```

Arguments

document	A report object with class <code>rapsimng_decide_document</code> .
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Value

A character vector containing the ordered document lines.

write_document	<i>Write a decision report document to disk</i>
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Description

Serialises a `rapsimng_decide_document` with `document_lines()` and writes the resulting text file to path.

Usage

```
write_document(document, path, overwrite = FALSE)
```

Arguments

document	A report object with class <code>rapsimng_decide_document</code> .
path	A single output file path.
overwrite	Logical scalar indicating whether an existing file may be replaced.

Value

Invisibly returns path.

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