

Package: metasurvey (via r-universe)

July 8, 2026

Title Reproducible Survey Data Processing (Ecosystem Meta-Package)

Version 0.3.0

URL <https://metasurveyr.github.io/metasurvey/>,
<https://github.com/metasurveyr/metasurvey>

BugReports <https://github.com/metasurveyr/metasurvey/issues>

Description Meta-package that loads and re-exports the 'metasurvey' ecosystem with a single 'library(metasurvey)', in the style of the 'tidyverse'. It bundles the local processing engine ('metasurvey.core'), the STATA transpiler ('metasurvey.fromstata'), the ANDA client ('metasurvey.anda'), and the recipe/workflow API client ('metasurvey.explorer.backend'), plus high-level orchestration such as 'reproduce_workflow()' that spans them.

License GPL (>= 3)

Depends R (>= 4.1), metasurvey.core

Imports metasurvey.anda, metasurvey.fromstata,
metasurvey.explorer.backend

Suggests metasurvey.explorer.frontend, cli, data.table, glue, gt,
htmltools, httr2, jsonlite, lifecycle, methods, tibble,
visNetwork, weightflow, testthat (>= 3.0.0), knitr, rmarkdown

Remotes metasurveyr/metasurvey.core, metasurveyr/metasurvey.anda,
metasurveyr/metasurvey.fromstata,
metasurveyr/metasurvey.explorer.backend,
metasurveyr/metasurvey.explorer.frontend

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reproduce_workflow	<i>Reproduce a workflow from its published specification</i>
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Description

Given a RecipeWorkflow (typically fetched from the registry), downloads the data, resolves the weight configuration, fetches referenced recipes, and returns a Survey object ready for workflow() estimation.

Usage

```
reproduce_workflow(wf, data_path = NULL, dest_dir = tempdir())
```

Arguments

wf	RecipeWorkflow object
data_path	Character path to survey microdata. If NULL, attempts to download from ANDA for ECH surveys.
dest_dir	Character directory for downloaded files

Value

Survey object with recipes applied and weight configuration set

Examples

```
## Not run:
wf <- api_get_workflow("w_123")
svy <- reproduce_workflow(wf)

## End(Not run)
```

resolve_weight_spec	<i>Resolve a portable weight specification to a usable weight configuration</i>
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Description

Converts the portable weight_spec from a RecipeWorkflow back into the format expected by load_survey() and add_weight(). For replicate weights with ANDA sources, automatically downloads the replicate file.

Usage

```
resolve_weight_spec(weight_spec, dest_dir = tempdir())
```

Arguments

weight_spec	Named list from RecipeWorkflow\$weight_spec
dest_dir	Character directory for downloaded files (default: tempdir())

Value

Named list compatible with add_weight() output

Examples

```
## Not run:  
wf <- api_get_workflow("w_123")  
weight <- resolve_weight_spec(wf$weight_spec)  
  
## End(Not run)
```

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