

Package: fslogisticskampala (via r-universe)

October 3, 2026

Title Data on Faecal Sludge Transporting Logistics in Kampala, Uganda

Version 1.0.0

Description Contains two data resources. `trips` contains the GPS locations of faecal sludge emptying trucks collecting sludge from pit latrines and septic tanks in Kampala, Uganda. Each trip is recorded with a unique identifier, the numberplate of the truck, the date and time of the record. Data was collected from 30th March 2015 until 25th June 2015. `trucks` has additional information on the volume of each truck.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

Depends R (>= 3.5)

LazyData true

Language en-GB

Suggests knitr, rmarkdown, leaflet, ggplot2, lubridate, testthat (>= 3.2.0)

VignetteBuilder knitr

Config/testthat/edition 3

Config/Needs/website rmarkdown, leaflet, htmlwidgets, webshot2

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URL <https://github.com/openwashdata/fslogisticskampala>

BugReports <https://github.com/openwashdata/fslogisticskampala/issues>

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

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trips	<i>trips: Trips of faecal sludge trucks</i>
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Description

This dataset contains the GPS locations of faecal sludge trucks collecting sludge from pit latrines and septic tanks in Kampala, Uganda. Each trip is recorded with a unique identifier, the numberplate of the truck, the date and time of the record. Data was collected from 30th March 2015 until 25th June 2015.

Usage

trips

Format

A tibble with 5653 rows and 7 variables

fid Running ID for each recorded GPS location of a truck.

numberplate Numberplate of the truck, can be joined with trucks resource.

date Date of the record in ISO 8601 format.

time Time of the record in hours, minutes, seconds.

lat Latitude of the record.

lon Longitude of the record.

plant Treatment plant that the truck delivered faecal sludge to.

Examples

```
head(trips)
```

```
# Number of recorded trips per treatment plant
table(trips$plant)
```

trucks	<i>trucks: Faecal sludge emptying trucks</i>
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Description

Additional information on the volume of each truck used in the dataset `trips`.

Usage

```
trucks
```

Format

A tibble with 33 rows and 2 variables

numberplate Numberplate of the truck, can be joined with `trips` resource.

volume Volume of the truck in cubic meters.

Examples

```
head(trucks)
```

```
# Join truck volumes onto the trips they made
merge(trips, trucks, by = "numberplate") |>
  head()
```

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