

# Package: fgc (via r-universe)

September 27, 2024

**Title** FinBIF geographic data conversion  
**Version** 0.3.18.9000  
**Description** Convert FinBIF data into geographic formats.  
**Depends** R (>= 3.5.0)  
**Imports** dplyr, finbif, rlang, sf, stringi, tools  
**Suggests** digest, future, later, tinytest,  
**License** MIT + file LICENSE  
**Encoding** UTF-8  
**Roxygen** list(markdown = TRUE)  
**RoxygenNote** 7.3.2  
**Repository** <https://luomus.r-universe.dev>  
**RemoteUrl** <https://github.com/luomus/finbif-geo-convert>  
**RemoteRef** dev  
**RemoteSha** d7a43d111ec954558f3c10f53e6b7412005cb9a7

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finbif_geo_convert	<i>FinBIF geo-conversion</i>
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## Description

Convert FinBIF data to geographic formats.

**Usage**

```

finbif_geo_convert(
  input,
  output = "none",
  geo = c("point", "bbox", "footprint"),
  crs = "wgs84",
  ...
)

```

**Arguments**

input	Character or Integer. Either the path to a Zip archive or tabular data file that has been downloaded from "laji.fi", a URI linking to such a data file (e.g., <a href="https://tun.fi/HBF.53254">https://tun.fi/HBF.53254</a> ) or an integer representing the URI (i.e., 53254).
output	Character. Output file format in the form of a file extension. One of "shp" or "gpkg". Use "none" (default) to prevent writing output to a file.
geo	Character. Geometry of output. One of "point", "bbox" or "footprint".
crs	Character or Integer. Coordinate reference system of output. One of "euref" or "wgs84".
...	Other options passed to <code>finbif::finbif_occurrence_load</code> .

**Value**

An {sf} package simple feature object (invisibly). And if `output != "none"` then the spatial data file(s) will be written to the current working directory.

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read_error_msg	<i>Read error message</i>
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**Description**

Read a formatted error msg.

**Usage**

```
read_error_msg(err)
```

**Arguments**

err	Error to format.
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**Value**

A list.

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sanitise_id	<i>Sanitise input ID</i>
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**Description**

Convert FinBIF download identifier inputs of different types

**Usage**

```
sanitise_id(x)
```

**Arguments**

x                    A FinBIF download identifier

**Value**

A sanitised FinBIF download identifier

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