

# Package: snapbox (via r-universe)

August 17, 2024

**Title** GGPlot Mapbox Basemap

**Version** 0.2.2

**Description** Static mapbox basemap for ggplot2.

**License** MIT + file LICENSE

**URL** <https://github.com/anthonymorth/snapbox>

**BugReports** <https://github.com/anthonymorth/snapbox/issues>

**Depends** R (>= 3.3.0)

**Imports** curl (>= 4.3), ggspatial, jpeg, magrittr, memoise, png,  
raster, sf, stylebox (>= 0.2.0)

**Suggests** testthat, vdiff, ggplot2

**Remotes** anthonymorth/stylebox

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.2

**Repository** <https://anthonymorth.r-universe.dev>

**RemoteUrl** <https://github.com/anthonymorth/snapbox>

**RemoteRef** HEAD

**RemoteSha** f7d05d278f07fcbf0c72553002641706e807ba41

## Contents

get_static_map . . . . .	2
layer_mapbox . . . . .	3

<b>Index</b>	<b>4</b>
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get_static_map	<i>Get static map</i>
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## Description

Get static Mapbox map as a georeferenced raster

## Usage

```
get_static_map(  
  area,  
  map_style = mapbox_dark(),  
  mapbox_api_access_token = Sys.getenv("MAPBOX_ACCESS_TOKEN"),  
  retina = TRUE,  
  scale_ratio = 1,  
  area_buffer = 0,  
  mapbox_logo = TRUE,  
  attribution = TRUE,  
  purge_cache = FALSE  
)
```

## Arguments

area	the map area
map_style	mapbox style, see <code>stylebox::mapbox_styles</code>
mapbox_api_access_token	mapbox api access token
retina	render the map at 2x scale if TRUE
scale_ratio	ratio to scale the output image; <code>scale_ratio = 1</code> will give the largest image and smallest zoom.
area_buffer	a buffer to appear around the area geometry in meters (web mercator projection, EPSG 3857). Use this to create space around your data in the map visual.
mapbox_logo	include mapbox logo on the image if TRUE
attribution	include attribution on the image if TRUE. You still have a legal responsibility to attribute maps that use OpenStreetMap data, which includes most maps from Mapbox. If you specify <code>attribution=FALSE</code> , you are legally required to include proper attribution elsewhere on the webpage or document. <a href="https://docs.mapbox.com/api/maps/#static-images">https://docs.mapbox.com/api/maps/#static-images</a> and <a href="https://docs.mapbox.com/help/how-mapbox-works/attribution/#static--print">https://docs.mapbox.com/help/how-mapbox-works/attribution/#static--print</a>
purge_cache	forget cached api calls and responses before making api call if TRUE.

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layer_mapbox	<i>Layer mapbox</i>
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## Description

Create a mapbox map ggplot layer

## Usage

```
layer_mapbox(  
  area,  
  map_style = mapbox_dark(),  
  mapbox_api_access_token = Sys.getenv("MAPBOX_ACCESS_TOKEN"),  
  retina = TRUE,  
  scale_ratio = 1,  
  area_buffer = 0,  
  mapbox_logo = TRUE,  
  attribution = TRUE,  
  purge_cache = FALSE  
)
```

## Arguments

area	the map area
map_style	mapbox style, see <code>stylebox::mapbox_styles</code>
mapbox_api_access_token	mapbox api access token
retina	render the map at 2x scale if TRUE
scale_ratio	ratio to scale the output image; <code>scale_ratio = 1</code> will give the largest image and smallest zoom.
area_buffer	a buffer to appear around the area geometry in meters (web mercator projection, EPSG 3857). Use this to create space around your data in the map visual.
mapbox_logo	include mapbox logo on the image if TRUE
attribution	include attribution on the image if TRUE. You still have a legal responsibility to attribute maps that use OpenStreetMap data, which includes most maps from Mapbox. If you specify <code>attribution=FALSE</code> , you are legally required to include proper attribution elsewhere on the webpage or document. <a href="https://docs.mapbox.com/api/maps/#static-images">https://docs.mapbox.com/api/maps/#static-images</a> and <a href="https://docs.mapbox.com/help/how-mapbox-works/attribution/#static--print">https://docs.mapbox.com/help/how-mapbox-works/attribution/#static--print</a>
purge_cache	forget cached api calls and responses before making api call if TRUE.

# Index

`get_static_map`, [2](#)

`layer_mapbox`, [3](#)