

# Package ‘ibmsunburst’

July 22, 2025

**Title** Generate Personality Insights Sunburst Diagrams

**Version** 0.1.4

**Description** Generates Personality Insights sunburst diagrams based on 'IBM Watson' Personality Insights service output.

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**URL** <https://github.com/jumpingrivers/ibmsunburst>,  
<https://jumpingrivers.github.io/ibmsunburst/>

**BugReports** <https://github.com/jumpingrivers/ibmsunburst/issues>

**Imports** htmlwidgets, jsonlite

**Suggests** covr, knitr, rmarkdown, testthat

**VignetteBuilder** knitr

**Encoding** UTF-8

**RoxygenNote** 7.2.1

**NeedsCompilation** no

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**Repository** CRAN

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ibmsunburst

*ibmsunburst.*

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**Description**

Produce an IBM Sunburst Diagram from a JSON data output from IBM Watson Personality Insights service

**Usage**

```
ibmsunburst(  
  json = NULL,  
  version = c("v2", "v3"),  
  width = NULL,  
  height = NULL,  
  elementId = NULL  
)
```

**Arguments**

json	list of data or data as JSON or path to file with data from IBM Watson Personality Insights service.
version	character version ('v2', 'v3') of Watson Personality Insights profile.
width	Desired width of widget in pixels
height	Desired height of widget in pixels
elementId	Name to assign to widget

**Examples**

```
json_path <- system.file(  
  "extdata", "profiles",  
  "en_v2.json", package = "ibmsunburst"  
)  
  
ibmsunburst(json = json_path, version = "v2")
```

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ibmsunburst-shiny*Shiny bindings for ibmsunburst*

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**Description**

Output and render functions for using `ibmsunburst` within Shiny applications and interactive Rmd documents.

**Usage**

```
ibmsunburstOutput(outputId, width = "100%", height = "400px")
```

```
renderIbmsunburst(expr, env = parent.frame(), quoted = FALSE)
```

**Arguments**

<code>outputId</code>	output variable to read from
<code>width, height</code>	Must be a valid CSS unit (like '100%', '400px', 'auto') or a number, which will be coerced to a string and have 'px' appended.
<code>expr</code>	An expression that generates a <code>ibmsunburst</code>
<code>env</code>	The environment in which to evaluate <code>expr</code> .
<code>quoted</code>	Is <code>expr</code> a quoted expression (with <code>quote()</code> )? This is useful if you want to save an expression in a variable.

**Value**

A `htmlwidget` of the sunburst

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