Create GWalkR Interface in "Viewer"

Description

Use this function to create a GWalkR interface from a given data frame in your "Viewer" window, and start your data exploration! Please make sure the width and the height of your "Viewer" window are large enough.

Usage

gwalkr(data, lang = "en", columnSpecs = list(), visConfig = NULL)

Arguments

data  A data frame to be visualized in the GWalkR. The data frame should not be empty.
lang  A character string specifying the language for the widget. Possible values are "en" (default), "ja", "zh".
columnSpecs  An optional list of lists to manually specify the types of some columns in the data frame. Each top level element in the list corresponds to a column, and the list assigned to each column should have two elements: analyticalType and semanticType. analyticalType can only be one of "measure" or "dimension". semanticType can only be one of "quantitative", "temporal", "nominal" or "ordinal". For example:

```
list("gender" = list(analyticalType = "dimension", semanticType = "nominal"), "age" = list(analyticalType = "measure", semanticType = "quantitative"))
```
visConfig  An optional config string to reproduce your chart. You can copy the string by clicking "export config" button on the GWalkR interface.

Value

An htmlwidget object that can be rendered in R environments

Examples

data(mtcars)
gwalkr(mtcars)
**Description**

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

**Usage**

```r
gwalkrOutput(outputId, width = "100\%", height = "100\%")
```

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

**Arguments**

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

**Value**

- `gwalkrOutput`: A shinyWidgetOutput object for the root HTML element.
- `renderGwalkr`: A server-side function to help Shiny display the GWalkR visualization.

**Examples**

```r
# !formatR
col <- c(1, 2, 3, 4, 5)
col <- gwalkrOutput("mygraph")
```

```r
app <- shinyApp(
  ui = fluidPage(
    titlePanel("Explore the data here:"),
    gwalkrOutput("mygraph")
  ),
  server = function(input, output, session) {
    output$mygraph = renderGwalkr(
      gwalkr(mtcars)
    )
  }
)
if (interactive()) app
```
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