

# Package ‘asciichart’

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**Type** Package

**Title** Lightweight ASCII Line Graphs

**Version** 0.1.0

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**Description** Create ASCII line graphs of a time series directly on your terminal in an easy way. There are some configurations you can add to make the plot the way you like. This project was inspired by the original 'asciichart' package by Igor Kroytor.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** methods

**RoxygenNote** 7.1.0

**NeedsCompilation** no

**Repository** CRAN

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`asciiPlot`*ASCII chart of vector. Generate an ascii chart for a series of numbers.*

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**Description**

`asciiPlot` returns a character string of a chart for given series.

**Usage**

```
asciiPlot(series, cfg = list())
```

**Arguments**

|                     |   |
|---------------------|---|
| <code>series</code> | A numeric vector, missing data values in the series can be specified as a NA.   |
| <code>cfg</code>    | A named list with some options: <code>height</code> specifies the number of rows the graph should occupy. It can be used to scale down a graph with large data values. <code>format</code> specifies a C format string used to format the labels on the y-axis. The default value is " symbols provides a list of single characters to use for drawing the curve. <code>offset</code> changes what column will the y-axis be drawn. Default is 3. <code>min</code> and <code>max</code> will clamp the y-axis and all values. |

**Value**

A character string

**Examples**

```
series <- c(1,2,3,4,4,3,2,1)
cat(asciiPlot(series))

series <- c(1,2,3,NA,4,3,NA,1)
cat(asciiPlot(series))

series <- c(1,2,3,4,NA,4,3,2,1)
cat(asciiPlot(series, list('min' = 0)))

## Not run:
cat(asciiPlot(c(NA, NA)))

## End(Not run)
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