

# Package ‘QRAGadget’

May 7, 2026

**Version** 0.3.0

**Title** A 'Shiny' Gadget for Interactive 'QRA' Visualizations

**Description** Upload raster data and easily create interactive quantitative risk analysis 'QRA' visualizations. Select from numerous color palettes, base-maps, and different configurations.

**URL** <https://github.com/paulgovan/qragadget>,  
<http://paulgovan.github.io/QRAGadget/>

**BugReports** <https://github.com/paulgovan/qragadget/issues>

**Depends** R (>= 2.10.0)

**License** Apache License

**Imports** htmlwidgets, leaflet, magrittr, miniUI, raster, scales, shiny,  
shinyWidgets, sp

**RoxygenNote** 6.0.1

**NeedsCompilation** no

**Author** Paul Govan [aut, cre, cph] (ORCID:  
<<https://orcid.org/0000-0002-1821-8492>>)

**Maintainer** Paul Govan <pgovan1@aggietwork.com>

**Repository** CRAN

**Date/Publication** 2023-06-23 23:50:08 UTC

## Contents

matrixInput . . . . .	2
QRAGadget . . . . .	2
<b>Index</b>	<b>3</b>

matrixInput

*Matrix input*

---

**Description**

Creates an adjustable-length matrix input.

**Usage**

```
matrixInput(inputId, label, data)
```

**Arguments**

inputId	Input variable to assign the control's value to.
label	Display label for the control.
data	The initial values to use for the matrix.

---

QRAGadget

*A 'Shiny' Gadget for Interactive QRA Visualizations.*

---

**Description**

Upload raster data and easily create interactive QRA visualizations. Select from numerous color palettes, basemaps, and different configurations.

**Usage**

```
QRAGadget()
```

**Value**

A standalone html file

**Examples**

```
if (interactive()) {  
  QRAGadget()  
}
```

# Index

`matrixInput`, 2

`QRAGadget`, 2