

# Package ‘symbol.equation.gpt’

May 9, 2026

**Type** Package

**Title** Simple User Interface to Build Equations and Add Symbols

**Version** 1.1.4

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**Description**

Powerful user interface for adding symbols, smileys, arrows, building mathematical equations using 'LaTeX' or 'r2symbols'. Built for use in development of 'Markdown' and 'Shiny' Outputs.

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**URL** <https://symbols-ui.obianom.com>

**BugReports** <https://github.com/oobianom/symbol.equation.gpt/issues>

**Depends** R (> 3.6)

**Imports** utils, htmltools, shiny, nextGenShinyApps, r2symbols, shinyStorePlus, rstudioapi, markdown

**Suggests** rmarkdown, knitr

**Encoding** UTF-8

**VignetteBuilder** knitr

**Language** en-US

**LazyData** false

**RoxygenNote** 7.2.3

**NeedsCompilation** no

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**Repository** CRAN

**Date/Publication** 2024-07-30 13:20:02 UTC

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<code>envir.prep</code>	<i>Library initialize and path loader</i>
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**Description**

Initialize and load library path for package

**Usage**

```
envir.prep()
```

**Value**

library location

**Examples**

```
if(interactive()){  
  envir.prep()  
}
```

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<code>equationSymbol.Widget</code>	<i>Primary widget container</i>
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**Description**

Customizable widget opener

**Usage**

```
equationSymbol.Widget(viewer = c("pane", "dialog"))
```

**Arguments**

<code>viewer</code>	viewer option to open widget
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**Value**

shiny app widget

**Examples**

```
if(interactive()){  
  equationSymbol.Widget()  
}
```

---

insert.Symbol.Raw      *Add symbol to current page*

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**Description**

Add selected symbol to page

**Usage**

```
insert.Symbol.Raw(symbolid, type = letters[1:4])
```

**Arguments**

symbolid	the symbol id to include
type	type of inclusion

**Value**

pastes copied symbol code into document

**Examples**

```
if(interactive()){  
  insert.Symbol.Raw("sample copied")  
  insert.Symbol.Raw("rpkg.net", "a")  
}
```

---

symbol.equation.ui      *Main Widget Helper for symbols*

---

**Description**

Assembles the interface for the symbols builder

**Usage**

```
symbol.equation.ui()
```

**Value**

user interface for the builder

**Examples**

```
if(interactive()){  
  symbol.equation.ui()  
}
```

---

symbol.equation.ui2    *Main Widget Helper for symbols viewer2*

---

**Description**

Assembles the interface for the symbols builder

**Usage**

```
symbol.equation.ui2()
```

**Value**

user interface for the builder in modal

**Examples**

```
if(interactive()){  
  symbol.equation.ui2()  
}
```

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