form.r

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#!/usr/bin/r

library(glue)

collapse\_transformer <- function(regex = "[\*]$", ...) {  
 function(text, envir) {  
 collapse <- grepl(regex, text)  
 if (collapse) {  
 text <- sub(regex, "", text)  
 }  
 res <- identity\_transformer(text, envir)  
 if (collapse) {  
 glue\_collapse(res, ...)   
 } else {  
 res  
 }  
 }  
}  
  
glue("{1:5\*}\n{letters[1:5]\*}", .transformer = collapse\_transformer(sep = ", "))  
#> 1, 2, 3, 4, 5  
#> a, b, c, d, e  
  
glue("{1:5\*}\n{letters[1:5]\*}", .transformer = collapse\_transformer(sep = ", ",   
 last = " and "))  
#> 1, 2, 3, 4 and 5  
#> a, b, c, d and e  
  
x <- c("one", "two")  
glue("{x}: {1:5\*}", .transformer = collapse\_transformer(sep = ", "))  
#> one: 1, 2, 3, 4, 5  
#> two: 1, 2, 3, 4, 5

shell\_transformer <- function(type = c("sh", "csh", "cmd", "cmd2")) {  
 type <- match.arg(type)  
 function(text, envir) {  
 res <- eval(parse(text = text, keep.source = FALSE), envir)  
 shQuote(res)  
 }  
}  
  
glue\_sh <- function(..., .envir = parent.frame(),   
 .type = c("sh", "csh", "cmd", "cmd2")) {  
 .type <- match.arg(.type)  
 glue(..., .envir = .envir, .transformer = shell\_transformer(.type))  
   
}  
  
filename <- "test"  
writeLines(con = filename, "hello!")  
  
command <- glue\_sh("cat {filename}")  
command  
#> cat 'test'  
system(command)