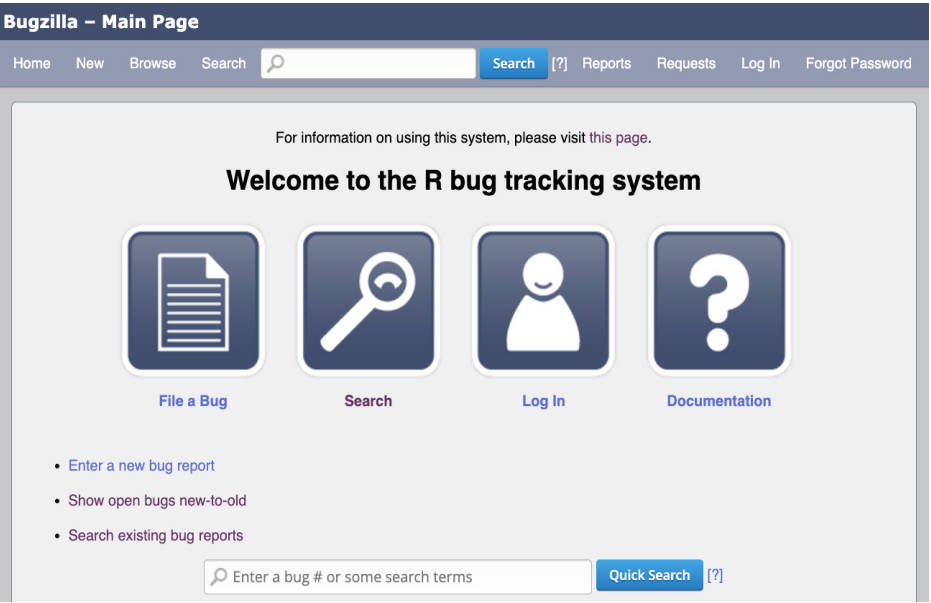


How to Make a Contribution to Base R

Demo: <https://youtu.be/VOIF8fPf9v8>

Finding a bug



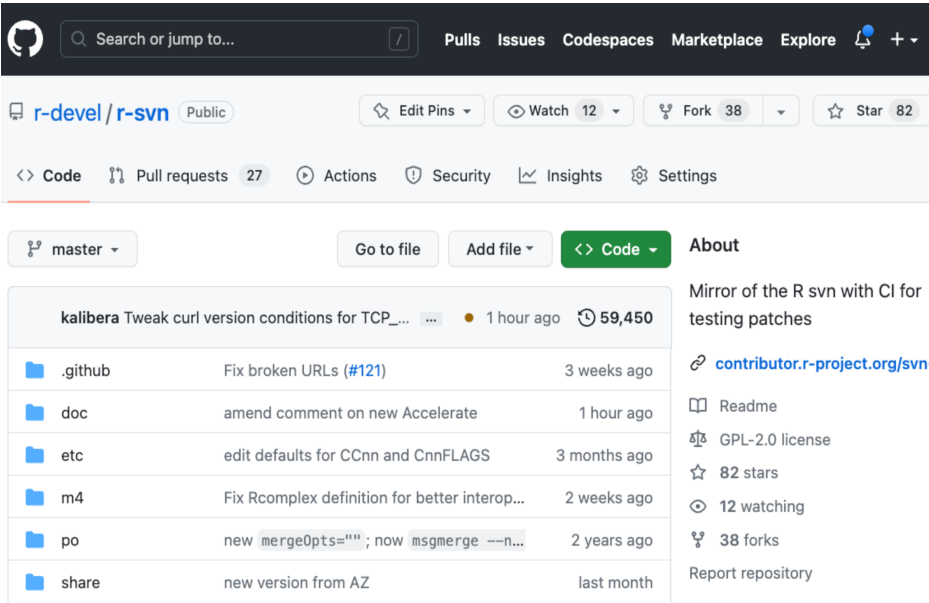
Debugging

```
1 debugonce(stats:::print.loadings)
2 print(test, sort = TRUE)

Call:
factanal(x = mtcars[, 1:4], factors = 1)

Uniquenesses:
   mpg   cyl  disp    hp
0.199 0.078 0.120 0.261
debugging in: print.loadings(x$loadings, digits = digits, ...)
debug: {
  Lambda <- unclass(x)
  p <- nrow(Lambda)
  factors <- ncol(Lambda)
  if (sort) {
    mx <- max.col(abs(Lambda))
    ind <- cbind(1L:p, mx)
    mx[abs(Lambda[ind]) < 0.5] <- factors + 1
    Lambda <- Lambda[order(mx, 1L:p), ]
  }
  cat("\nLoadings:\n")
  fx <- setNames(format(round(Lambda, digits)), NULL)
```

Proposing a fix



Engineering and
Physical Sciences
Research Council



@HeathrTurnr @ellakaye



