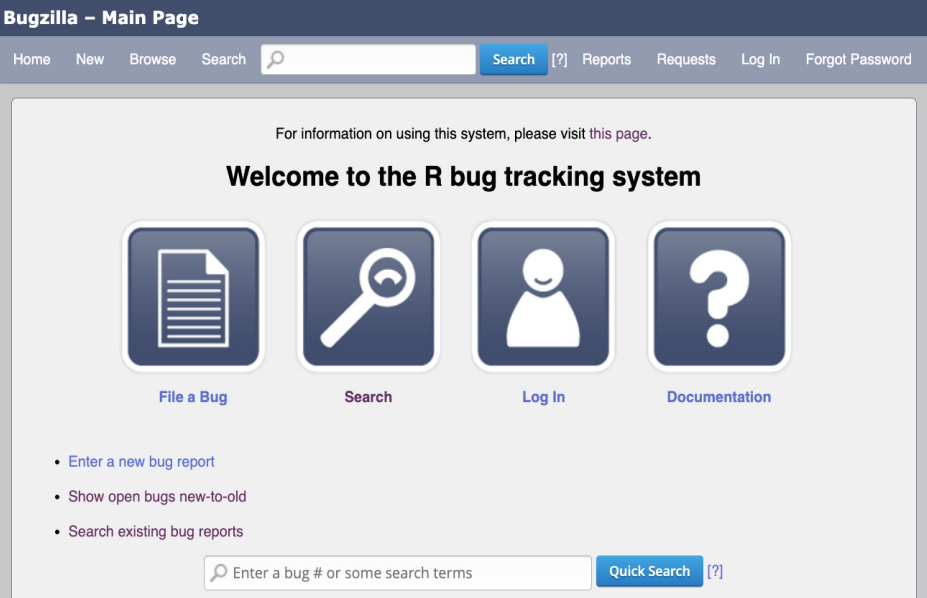


How to Make a Contribution to Base R

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

Finding a bug



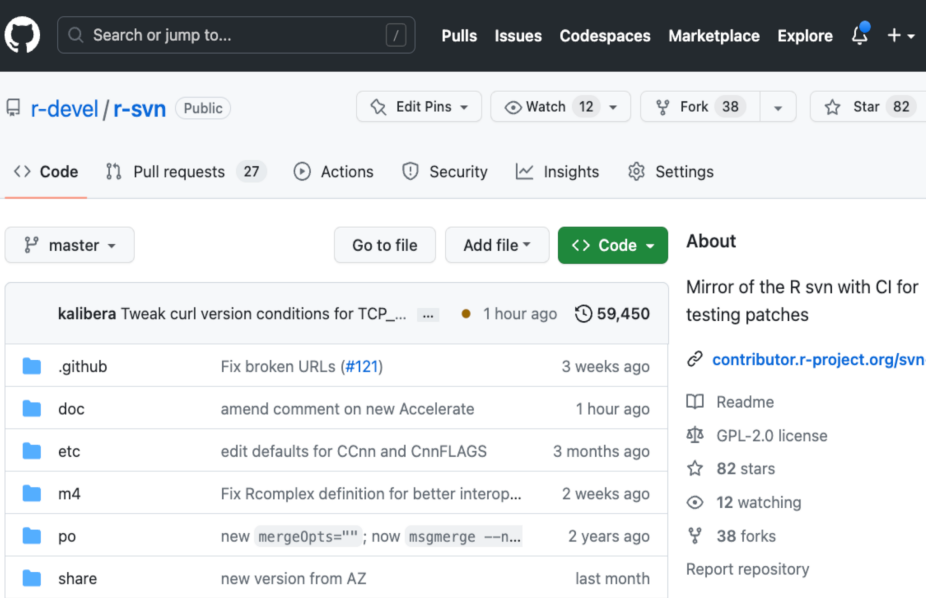
Debugging

```
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



