# How much and why do unlinked SATD happen?

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#### Versions:

• ver2: Fixed link\_SATD\_TO\_UND.py, since top directory is moved from main/org/apache to src/main/org/apache

### Data Load

```
library(knitr)
working_root <- "/Users/kamei/Research/techdebt/msr16_td_interest/"
setwd(working_root)
opts_knit$set(root.dir=working_root)
source("./r_scripts/data_read.r")

## Num Of Tech Debt : 393
## Per of linking to v1 : 90.59% (=356/393)
## Per of linking to v2 : 89.57% (=352/393)
## Per of linking to all: 88.80% (=349/393)</pre>
```

## Output 10 sampled unlinked SATD with metrics data

## ## [1] 34

```
samplesize <- ifelse(nrow(v1_v2) >= 10, 10, nrow(v1_v2))
sampled <- rbind(sampled, v1_v2[sample(nrow(v1_v2), samplesize), ])
write.table(sampled, file = "./datasets/CSV/sampled_unlinked_satd.ssv", sep="#")</pre>
```