# Analyse Badges in StackOverflow

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# Contents

```
## Loading required package: tidyverse

## -- Attaching packages ---------------------------------------------------------------- tidyverse 1.

## √ ggplot2 2.2.1      √ purrr   0.2.4
## √ tibble  1.4.2      √ dplyr   0.7.4
## √ tidyr   0.8.0      √ stringr 1.3.0
## √ readr   1.1.1      √ forcats 0.3.0

## -- Conflicts ------------------------------------------------------------------------- tidyverse_conflicts
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
> devtools::install_github("dgrtwo/stackr", build_vignettes = TRUE)
> browseVignettes("stackr")

> all_badges <- stack_badges(special = "name", pagesize = 100, filter = "!9Z(-x-rJv")
> all_badges <- tbl_df(all_badges)
> glimpse(all_badges)

> saveRDS(all_badges, file = "badges.rds")

> library(stackr)
> library(plyr)
> badges <- readRDS("badges.rds")
> badges_min <- badges[, c(7,4,2,3,6)]
> badges_min <- rename(badges_min, c("award_count" = "n", "badge_id" = "id"))
> head(badges_min, n = 100L)
```

```
# A tibble: 91 x 5
     name            id       n rank   description
     <chr>        <int>   <int> <chr>  <chr>
 1 Altruist         222    8116 bronze First bounty you manually award on ~
 2 Analytical      1306   43749 bronze Visited every section of the FAQ (r~
 3 Announcer        260  128960 bronze Share a link to a question later vi~
 4 Autobiographer     9  793917 bronze Complete &quot;About Me&quot; secti~
 5 Benefactor       221   38726 bronze First bounty you manually award on ~
 6 Caucus          1973  573729 bronze "Visit an <a href=\"https://stackov~
 7 Citizen Patrol     8  176599 bronze First flagged post
 8 Cleanup            4   40552 bronze First rollback
 9 Commentator       31  795327 bronze Leave 10 comments
10 Critic             7  336028 bronze First down vote
# ... with 81 more rows
```