Meet a New R Package: scrapeR

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- downloads & preprocesses webpages
- saves as a list
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- Dependency package: XML

Indirectly

- only requires three lines of code
- can be automated
- dynamic reports
- improved replicability

Why I Like It

- huge amounts of data
- new data being released
- can stop static reports
- eases replication





NHL Team Fighting Majors Leaders

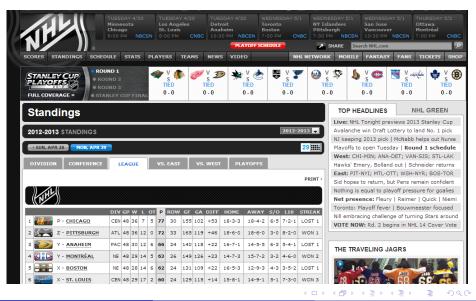
2012-2013 Regular Season



As of Apr 28, 2013		
Rank	Team	Fight Totals
1	Toronto Maple Leafs	44
2	Columbus Blue Jackets	34
3	Philadelphia Flyers	33
4	Boston Bruins	32
5	Tampa Bay Lightning	31
6	Vancouver Canucks	28
7	Dallas Stars	26
8	Ottawa Senators	26
9	Winnipeg Jets	26
10	Buffalo Sabres	25
11	Montreal Canadiens	25
12	Minnesota Wild	24
13	Anaheim Ducks	23
14	Carolina Hurricanes	23

More NHL Info 2012-2013 Regular Season:

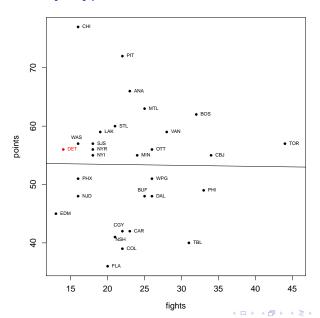
Fight Log Player FM Leaders



```
# install and load scrapeR package
install.packages("scrapeR", dependencies=TRUE)
library(scrapeR)
```

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# install and load scrapeR package
install.packages("scrapeR", dependencies=TRUE)
library(scrapeR)
# scrape data
URLs <- c("http://www.nhl.com/ice/standings.htm?type=lea",</pre>
          "http://www.hockeyfights.com/leaders/teams/")
pageSource <- scrape(url=URLs, headers=FALSE, parse=TRUE)</pre>
# get two tables with info we need
NHL.tables <- readHTMLTable(pageSource[[1]])</pre>
  team.records <- NHL.tables[[3]]
HockeyFights.tables <- readHTMLTable(pageSource[[2]])</pre>
  team.fights <- HockeyFights.tables[[1]]</pre>
```



Questions?

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