

```
In [1]: library(Rcrawler)
library(foreach)
library(doParallel)
library(scales)
library(qdapRegex)
library(DT)
```

Loading required package: iterators

Loading required package: parallel

```
In [2]: Sys.setlocale("LC_CTYPE", locale="Chinese")
```

'Chinese (Simplified)\_China.936'

```
In [3]: # parallel processing
cores=detectCores()
cl <- makeCluster(cores[1]-1) #not to overload your computer
registerDoParallel(cl)
```

```
In [4]: # CSS patterns identified from website
pattern <- c(".content_table_R a",
             ".content_table_R td:nth-child(4)",
             ".content_table_R td:nth-child(5)",
             ".content_table_R td:nth-child(6)",
             ".content_table_R td:nth-child(7)",
             ".content_table_R td:nth-child(8)")

# Names for each field collected
pattern_names <- c("id",
                  "wins",
                  "battles",
                  "fleet",
                  "squad",
                  "activity")

scraper <- function(page){
  target_url <- paste("https://www.navyfield.com/Community/Ranking/List.aspx?page=",
                     toString(page), "&server=1&category=4&searchType=1&searchValue=", sep = "")
  web_content <- Rcrawler::ContentScraper(Url=target_url,
                                          CssPatterns = pattern,
                                          PatternsName = pattern_names,
                                          ManyPerPattern = TRUE,
                                          astring = TRUE,
                                          asDataFrame = FALSE)

  output <- as.data.frame(web_content)
  return(output)
}

rank_data <- foreach(i=1:500, .combine=rbind) %dopar% {
  tempMatrix = scraper(i)
  tempMatrix #Equivalent to finalMatrix = rbind(finalMatrix, tempMatrix)
}
```

```

In [5]: hof_pattern <- c(".rnum",
                        ".content_table_H td:nth-child(4)",
                        ".content_table_H td:nth-child(5)",
                        ".content_table_H td:nth-child(6)",
                        ".content_table_H td:nth-child(7)")

hof_pattern_names <- c("id",
                      "wins_total",
                      "fleet",
                      "squad",
                      "activity")

hof_scraper <- function(page){
  target_url <- paste("https://www.navyfield.com/Community/HallofFame/List.aspx?page=",
                     toString(page), "&server=&sort=1&searchType=1&searchValue=", sep = "")
  web_content <- Rcrawler::ContentScraper(Url=target_url,
                                          CssPatterns = hof_pattern,
                                          PatternsName = hof_pattern_names,
                                          ManyPerPattern = TRUE,
                                          astext = TRUE,
                                          asDataFrame = FALSE)

  output <- as.data.frame(web_content)
  return(output)
}

hof_data <- foreach(i=1:7, .combine=rbind) %dopar% {
  tempMatrix = hof_scraper(i)
  tempMatrix
}

hof_data$activity = rm_between(hof_data$activity, '(', ')', extract=TRUE)
hof_data <- as.data.frame(lapply(hof_data, function(x) {
  gsub("\u00A0", "", x)
})))
hof_data$wins <- sub("/.*", "", hof_data$wins_total)
hof_data$battles <- sub(".*/", "", hof_data$wins_total)
hof_clean <- subset(hof_data, select = c(id, fleet:battles))

```

```

In [6]: nf_data <- rbind(rank_data, hof_clean)
nf_data$id <- trimws(nf_data$id, which = c("both"))
nf_data$fleet <- trimws(nf_data$fleet, which = c("both"))
nf_data$squad <- trimws(nf_data$squad, which = c("both"))
nf_data$activity <- trimws(nf_data$activity, which = c("both"))
nf_data$activity <- gsub(" ", "", as.character(nf_data$activity))
nf_data$activity <- gsub("PST", "", as.character(nf_data$activity))
nf_data$wins <- as.numeric(gsub(",", "", as.character(nf_data$wins)))
nf_data$battles <- as.numeric(gsub(",", "", as.character(nf_data$battles)))
nf_data$win_rate <- nf_data$wins/nf_data$battles

```

```

In [7]: nf <- file("C:/Users/Felix/Box Sync/UW/R/nf.csv", encoding = "UTF-8")
write.csv(nf_data, file = nf, row.names = FALSE)

```

In [8]: # See results

```

substrRight <- function(x, n){
  as.numeric(substr(x, nchar(x)-n+1, nchar(x)))
}

substrLeft <- function(x, n){
  as.numeric(substr(x, 1, n))
}

today <- as.character(Sys.Date())
current_year <- as.numeric(substr(today,1,4))
current_month <- as.numeric(substr(today,6,7))

last_three_months <- function(m,y){
  if (m < 4) {
    a = m + 9
    b = y - 1
  }
  else if (m > 3) {
    a = m - 3
    b = y
  }
  return(c(a,b))
}

fleet_power <- function(fleet_name){
  fleet_data <- subset(nf_data, fleet==fleet_name)
  attach(fleet_data)
  fleet_best <- fleet_data[order(-win_rate),]
  fleet_best$win_rate <- percent(fleet_best$win_rate, accuracy = 0.1)
  detach(fleet_data)
  if (current_month > 3){
    result <- head(subset(fleet_best,battles > 5000 & substrRight(fleet_best$activity,4)==last_three_months(current_m
    colnames(result) <- c('账号','胜场数','总场数','舰队','小队','最后登录','胜率')
    return(datatable(result, options = list(pageLength = 15)))
  } else if (current_month < 4){
    return(head(subset(fleet_best,battles > 5000 &
      (substrRight(fleet_best$activity,4)>last_three_months(current_month,current_year)[2] |
      (substrRight(fleet_best$activity,4)==last_three_months(current_month,current_year)[2] & substr
      ),60))
  }
}

squad_power <- function(fleet_name){
  fleet_data <- subset(nf_data, squad==fleet_name)
  attach(fleet_data)
  fleet_best <- fleet_data[order(-win_rate),]
  fleet_best$win_rate <- percent(fleet_best$win_rate, accuracy = 0.1)
  detach(fleet_data)
  if (current_month > 3){
    return(head(subset(fleet_best,battles > 5000 & substrRight(fleet_best$activity,4)==last_three_months(current_mon
  } else if (current_month < 4){
    return(head(subset(fleet_best,battles > 5000 &
      (substrRight(fleet_best$activity,4)>last_three_months(current_month,current_year)[2] |
      (substrRight(fleet_best$activity,4)==last_three_months(current_month,current_year)[2] & substr
      ),60))
  }
}

```

```
In [9]: # NF players that win and/or disconnect most of the time (<_<)
# Only players active in last 3 months and have had 5000+ battles on record are listed
attach(nf_data)
nf_best <- nf_data[order(-win_rate),]
nf_best$win_rate <- percent(nf_best$win_rate, accuracy = 0.1)
detach(nf_data)
if (current_month > 3){
  head(subset(nf_best,battles > 5000 & substrRight(nf_best$activity,4)==last_three_months(current_month,current_year)[1]))
} else if (current_month < 4){
  head(subset(nf_best,battles > 5000 &
    (substrRight(nf_best$activity,4)==last_three_months(current_month,current_year)[2] & substrLeft(nf_best$activity,4)==last_three_months(current_month,current_year)[2]
    ),20))
}
```

A data.frame: 20 × 7

	id	wins	battles	fleet	squad	activity	win_rate
	<chr>	<dbl>	<dbl>	<chr>	<chr>	<chr>	<chr>
1089	joooooo	6283	7868	-	-	07.25.2021	79.9%
926	nuke666	7065	9005	Russian Alliance	AborzSQ	07.04.2021	78.5%
1678	baozi77	4406	5710	-	-	08.24.2021	77.2%
1411	pr_ingress	5144	6676	TEAM PRO BOTS	Juliamo	08.24.2021	77.1%
237	jedizorro	13300	17435	Dango Daikazoku	-	08.25.2021	76.3%
61	yyss2221	20639	27568	海风舰队	海風奔馳	08.13.2021	74.9%
846	betep	7495	10283	Russian Alliance	Nakhimov	08.24.2021	72.9%
244	k435345	13128	18023	-	-	08.15.2021	72.8%
241	greattak	13196	18308	-	-	08.05.2021	72.1%
944	vosu	6958	9696	-	-	08.22.2021	71.8%
1155	znfecu	5997	8362	Dango Daikazoku	勇敢天下	08.22.2021	71.7%
1387	kenvahnz	5224	7536	BAMF FLEET	NERFED	08.12.2021	69.3%
323	ded111	11836	17077	TEAM PRO BOTS	\$CHMUTZ	08.24.2021	69.3%
691	ooh_kill_em	8425	12156	BAMF FLEET	Legacy	08.22.2021	69.3%
1059	la2gajaltmot	6424	9300	兔子.CHN.	World	08.24.2021	69.1%
10017	tskspre	15726	23071	兔子.CHN.	World	08.12.2021	68.2%
78	tappo01	19037	28029	BAMF FLEET	DooM	08.24.2021	67.9%
3	laoji	38044	56091	兔子.CHN.	-	08.24.2021	67.8%
1139	magey2	6049	8957	-	-	05.10.2021	67.5%
546	portunus	9407	14011	TEAM PRO BOTS	\$CHMUTZ	08.22.2021	67.1%

In [10]:

```
# 深海舰队
fleet_power('深海舰队')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1227	erisoft	5776	10727	深海舰队	深渊	08.22.2021	53.8%
1320	guanguanktv	5464	10428	深海舰队	深蓝战队	08.24.2021	52.4%
2593	xingzi1982	2649	5155	深海舰队	-	08.17.2021	51.4%
1427	mengxiangcz	5097	9942	深海舰队	扬帆起航	07.03.2021	51.3%
2231	ximi909	3163	6274	深海舰队	-	08.24.2021	50.4%
2442	jibaiwa	2848	5658	深海舰队	扬帆起航	08.07.2021	50.3%
1602	mgh36	4590	9228	深海舰队	扬帆起航	08.24.2021	49.7%
1242	kuerdeai	5719	11500	深海舰队	-	08.24.2021	49.7%
1997	lzbj33	3666	7430	深海舰队	扬帆起航	08.24.2021	49.3%
857	jiangchuan	7379	15064	深海舰队	深渊	08.24.2021	49.0%
1733	xinsiwei1987	4281	8768	深海舰队	深蓝战队	08.11.2021	48.8%
1156	cuishengguo	5996	12364	深海舰队	-	08.23.2021	48.5%
956	luyao345	6887	14221	深海舰队	扬帆起航	08.24.2021	48.4%
2239	nonohero23	3139	6531	深海舰队	深渊	07.21.2021	48.1%
1947	a122415005	3815	8104	深海舰队	深蓝战队	08.24.2021	47.1%

Showing 1 to 15 of 20 entries

Previous12N

In [11]:

```
# 兔子舰队
fleet_power('兔子.CHN.')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1059	la2gajaltmot	6424	9300	兔子.CHN.	World	08.24.2021	69.1%
10017	tskspree	15726	23071	兔子.CHN.	World	08.12.2021	68.2%
3	laoji	38044	56091	兔子.CHN.	-	08.24.2021	67.8%
1536	hina272k	4760	7117	兔子.CHN.	Bravery	08.24.2021	66.9%
228	dreamcaca0	13476	20748	兔子.CHN.	World	08.22.2021	65.0%
428	zilong001	10621	17009	兔子.CHN.	pretender	08.22.2021	62.4%
305	aircraftcarrier	12037	19320	兔子.CHN.	Hermit	08.22.2021	62.3%
1201	liu001001	5861	9539	兔子.CHN.	讨债办	08.25.2021	61.4%
1640	imanoob	4508	7339	兔子.CHN.	pretender	08.06.2021	61.4%
812	xxooxooxx	7692	12594	兔子.CHN.	-	08.20.2021	61.1%
1975	zhengjiudeguo	3739	6173	兔子.CHN.	-	08.24.2021	60.6%
2295	qq1327346269	3055	5065	兔子.CHN.	讨债办	07.10.2021	60.3%
161	qkumba	15114	25109	兔子.CHN.	讨债办	08.15.2021	60.2%
171	sitan10086	14775	24546	兔子.CHN.	-	08.22.2021	60.2%
2067	lonestar101	3491	5803	兔子.CHN.	World	08.24.2021	60.2%

Showing 1 to 15 of 20 entries

Previous12N

In [12]:

# 荣誉舰队  
fleet\_power('新荣誉')

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1500	guxiaoqiang	4872	8256	新荣誉	虎贲军	08.24.2021	59.0%
2029	hsjj005	3581	6184	新荣誉	天下	08.23.2021	57.9%
2136	leviathan179	3360	5906	新荣誉	海狼团	08.24.2021	56.9%
1506	zeon0079	4862	8570	新荣誉	海狼团	08.24.2021	56.7%
1836	zwl1972	4062	7405	新荣誉	-	08.24.2021	54.9%
2515	wdjwww1989	2755	5066	新荣誉	-	08.20.2021	54.4%
2456	a1843452343	2829	5258	新荣誉	虎贲军	06.04.2021	53.8%
651	haksyx2003	8597	16014	新荣誉	海狼团	08.24.2021	53.7%
2483	qwe3147	2790	5200	新荣誉	海狼团	08.24.2021	53.7%
2396	godissatan	2920	5471	新荣誉	虎贲军	08.24.2021	53.4%
1340	leviathan79	5399	10121	新荣誉	海狼团	08.14.2021	53.3%
1825	dahai	4080	7674	新荣誉	虎贲军	08.07.2021	53.2%
2475	qhy198808	2805	5309	新荣誉	-	08.24.2021	52.8%
30	kkndking	24365	46132	新荣誉	-	08.24.2021	52.8%
2007	oppo1985	3650	6911	新荣誉	-	08.08.2021	52.8%

Showing 1 to 15 of 20 entries

Previous12N

In [13]:

# 中华联合舰队  
fleet\_power('中华联合舰队')

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
326	berserker120	11788	18113	中华联合舰队	-	08.23.2021	65.1%
1176	liming	5942	9153	中华联合舰队	-	08.22.2021	64.9%
1199	nfship001	5866	9825	中华联合舰队	-	08.22.2021	59.7%
1794	ssdy2736	4139	6956	中华联合舰队	海魂	08.15.2021	59.5%
409	daiyinjj	10888	18462	中华联合舰队	中华联合一队	08.24.2021	59.0%
282	hsx330136	12475	21217	中华联合舰队	-	08.25.2021	58.8%
64	ak47ok	20206	34452	中华联合舰队	中华联合二队	08.24.2021	58.6%
1282	lee1	5590	9738	中华联合舰队	-	08.22.2021	57.4%
1636	qq95568466	4519	7881	中华联合舰队	-	08.22.2021	57.3%
450	down360	10416	18277	中华联合舰队	-	08.22.2021	57.0%
2413	themyth	2887	5066	中华联合舰队	中华联合一队	06.24.2021	57.0%
578	fork2	9199	16277	中华联合舰队	-	08.25.2021	56.5%
950	hippo666	6931	12293	中华联合舰队	-	08.24.2021	56.4%
1045	ziyu	6473	11535	中华联合舰队	勋章	08.22.2021	56.1%
1265	leimu	5644	10219	中华联合舰队	-	08.21.2021	55.2%

Showing 1 to 15 of 20 entries

Previous12N

```
In [14]: # The Guardians Fleet
fleet_power('Dango Daikazoku')
```

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
237	jedizorro	13300	17435	Dango Daikazoku	-	08.25.2021	76.3%
1155	znfecu	5997	8362	Dango Daikazoku	勇敢天下	08.22.2021	71.7%
647	hanyizhou	8624	13137	Dango Daikazoku	-	08.22.2021	65.6%
1757	kf222	4234	6979	Dango Daikazoku	Dragon	08.09.2021	60.7%
379	yixi	11170	18958	Dango Daikazoku	Dragon	08.03.2021	58.9%
10042	iloveasu	8018	13690	Dango Daikazoku	-	08.24.2021	58.6%
296	bibber	12268	20968	Dango Daikazoku	-	08.24.2021	58.5%
1533	yupeng1982	4769	8159	Dango Daikazoku	Dragon	08.22.2021	58.5%
1961	zzwotu	3780	6471	Dango Daikazoku	勇敢天下	08.24.2021	58.4%
405	ttlz	10912	18761	Dango Daikazoku	Dragon	07.02.2021	58.2%
403	skybear991	10925	18821	Dango Daikazoku	Dragon	08.22.2021	58.0%
10076	ww02141	3000	5250	Dango Daikazoku	Dragon	06.27.2021	57.1%
841	costa_me	7528	13490	Dango Daikazoku	Dragon	08.22.2021	55.8%
1611	tzzk0	4570	8233	Dango Daikazoku	-	06.06.2021	55.5%
10016	cccwww	10187	18543	Dango Daikazoku	勇敢天下	08.24.2021	54.9%

Showing 1 to 15 of 20 entries

Previous

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```
In [15]: # Team Pro Bots
fleet_power('TEAM PRO BOTS')
```

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1411	pr_ingress	5144	6676	TEAM PRO BOTS	Juliamo	08.24.2021	77.1%
323	ded111	11836	17077	TEAM PRO BOTS	\$CHMUTZ	08.24.2021	69.3%
546	portunus	9407	14011	TEAM PRO BOTS	\$CHMUTZ	08.22.2021	67.1%
31	painlesskiss	24199	36896	TEAM PRO BOTS	-	08.24.2021	65.6%
2040	y4427	3562	5474	TEAM PRO BOTS	Juliamo	08.22.2021	65.1%
680	schoko	8455	13880	TEAM PRO BOTS	\$CHMUTZ	08.25.2021	60.9%
2130	ikken3	3374	5549	TEAM PRO BOTS	Juliamo	08.24.2021	60.8%
622	ikken4	8812	15027	TEAM PRO BOTS	Juliamo	08.24.2021	58.6%
324	hollowman_eu	11830	20432	TEAM PRO BOTS	\$CHMUTZ	08.24.2021	57.9%
1025	bestofchill	6572	11419	TEAM PRO BOTS	\$CHMUTZ	08.22.2021	57.6%
122	zoni	16253	28309	TEAM PRO BOTS	\$CHMUTZ	08.22.2021	57.4%
45	aslaner	22533	39303	TEAM PRO BOTS	-	07.18.2021	57.3%
48	malte94	22261	38861	TEAM PRO BOTS	-	07.25.2021	57.3%
2114	fockerz	3396	5965	TEAM PRO BOTS	-	08.22.2021	56.9%
219	greexz	13760	24300	TEAM PRO BOTS	GLORIUS	08.22.2021	56.6%

Showing 1 to 15 of 20 entries

Previous

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```
In [16]: # BAMF Fleet
fleet_power('BAMF FLEET')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1387	kenvahnz	5224	7536	BAMF FLEET	NERFED	08.12.2021	69.3%
691	ooh_kill_em	8425	12156	BAMF FLEET	Legacy	08.22.2021	69.3%
78	tappo01	19037	28029	BAMF FLEET	DooM	08.24.2021	67.9%
188	koll_	14403	21560	BAMF FLEET	Legacy	08.22.2021	66.8%
10099	lordfail	8977	13625	BAMF FLEET	DooM	06.25.2021	65.9%
1011	meangreen73	6626	10076	BAMF FLEET	BULLS	07.26.2021	65.8%
1	ms06zaku	60597	93126	BAMF FLEET	BULLS	08.24.2021	65.1%
339	saladrex	11670	18448	BAMF FLEET	NERFED	06.09.2021	63.3%
32	huskie	23893	38441	BAMF FLEET	BULLS	08.24.2021	62.2%
1057	rainday	6431	10475	BAMF FLEET	NERFED	07.20.2021	61.4%
361	freedom_de	11389	18741	BAMF FLEET	-	07.18.2021	60.8%
71	mikolski	19403	32022	BAMF FLEET	DooM	08.23.2021	60.6%
10114	charizard97	3821	6401	BAMF FLEET	Legacy	08.22.2021	59.7%
1318	pulle79	5470	9205	BAMF FLEET	-	08.15.2021	59.4%
92	newyorkboy	17636	29734	BAMF FLEET	Legacy	08.22.2021	59.3%

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Previous

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```
In [17]: # Russian Alliance
fleet_power('Russian Alliance')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
926	nuke666	7065	9005	Russian Alliance	AborzSQ	07.04.2021	78.5%
846	betep	7495	10283	Russian Alliance	Nakhimov	08.24.2021	72.9%
1747	adorius	4256	6717	Russian Alliance	AborzSQ	07.11.2021	63.4%
462	osn3179	10285	16319	Russian Alliance	AborzSQ	08.11.2021	63.0%
806	xxvetalxx	7731	12340	Russian Alliance	Makarov	07.17.2021	62.6%
688	syava_mehan	8436	13676	Russian Alliance	-	07.18.2021	61.7%
1437	varangian	5069	8245	Russian Alliance	-	08.04.2021	61.5%
2140	gother_nfru	3354	5622	Russian Alliance	-	07.06.2021	59.7%
133	reisereise	15979	26909	Russian Alliance	AborzSQ	07.11.2021	59.4%
2	aspid47	39823	67762	Russian Alliance	Nakhimov	08.25.2021	58.8%
473	vit73	10158	17374	Russian Alliance	-	08.22.2021	58.5%
1372	ssnaturalss	5278	9037	Russian Alliance	Makarov	08.25.2021	58.4%
1314	kiraniv	5482	9451	Russian Alliance	-	08.13.2021	58.0%
2151	doremi	3323	5743	Russian Alliance	Makarov	08.02.2021	57.9%
253	andruha2202	12975	22461	Russian Alliance	AborzSQ	07.18.2021	57.8%

Showing 1 to 15 of 20 entries

Previous

1

2N



In [18]:

```
# 中国蓝舰队
fleet_power('中国蓝舰队')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
599	z11285208	9004	13950	中国蓝舰队	★ ☆ ★	08.21.2021	64.5%
10072	zjlongsan	3102	5051	中国蓝舰队	☆ ☆ ☆	08.07.2021	61.4%
1540	zjtz000000	4740	7804	中国蓝舰队	☆ ☆ ☆	08.16.2021	60.7%
693	wang82840506	8422	13920	中国蓝舰队	☆ ☆ ☆	08.24.2021	60.5%
955	jovacn	6893	11947	中国蓝舰队	★ ☆ ★	08.24.2021	57.7%
1770	f9977	4200	7407	中国蓝舰队	★ ★ ★	08.23.2021	56.7%
371	wang811019	11251	19851	中国蓝舰队	-	07.14.2021	56.7%
2329	lachesis529	3006	5349	中国蓝舰队	-	08.01.2021	56.2%
2446	gwdgwd	2843	5082	中国蓝舰队	★ ★ ★	08.08.2021	55.9%
1856	e9977	4020	7214	中国蓝舰队	☆ ☆ ☆	08.24.2021	55.7%
234	kxjh	13398	24170	中国蓝舰队	★ ★ ☆	08.24.2021	55.4%
117	hz111111	16386	29745	中国蓝舰队	☆ ☆ ☆	08.23.2021	55.1%
1375	solo3162	5261	9568	中国蓝舰队	★ ★ ★	07.19.2021	55.0%
269	ltw2017	12699	23327	中国蓝舰队	☆ ☆ ☆	08.24.2021	54.4%
1135	huyong198210	6069	11228	中国蓝舰队	★ ☆ ★	08.21.2021	54.1%

Showing 1 to 15 of 20 entries

Previous

1

2N

In [19]:

```
# 北方舰队
fleet_power('北方舰队')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1440	dongbeiwang	5054	7791	北方舰队	Odin	08.24.2021	64.9%
434	bin2014	10579	17067	北方舰队	THOR	08.24.2021	62.0%
467	bfhjzrb1319	10196	17035	北方舰队	-	08.24.2021	59.9%
2026	langhero	3600	6236	北方舰队	THOR	08.24.2021	57.7%
1978	andy_366	3734	6513	北方舰队	Odin	08.23.2021	57.3%
1490	gbsb8	4912	8628	北方舰队	北方天骄	08.24.2021	56.9%
937	abcdkent	6983	12556	北方舰队	THOR	08.24.2021	55.6%
1200	playab	5861	10618	北方舰队	-	08.22.2021	55.2%
2261	yaoyaopi	3106	5787	北方舰队	THOR	08.07.2021	53.7%
10051	nf0016	4842	9260	北方舰队	-	08.24.2021	52.3%
10115	beifang0016	4579	8853	北方舰队	-	08.24.2021	51.7%
2089	cjg0980	3446	6729	北方舰队	-	08.24.2021	51.2%
2092	nf0003	3436	6773	北方舰队	-	08.24.2021	50.7%
2383	nfq5	2936	5790	北方舰队	THOR	08.22.2021	50.7%
2057	cjg4980	3513	6941	北方舰队	-	08.24.2021	50.6%

Showing 1 to 15 of 20 entries

Previous

1

2N

In [20]: # Ostseepiraten Fleet  
fleet\_power('Ostseepiraten')

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
10090	pamel	10255	17703	Ostseepiraten	-	07.07.2021	57.9%
159	bluestar_eu	15163	26324	Ostseepiraten	corsair	08.21.2021	57.6%
1284	kpt_jack	5586	9993	Ostseepiraten	Stoertebeker	07.01.2021	55.9%
645	jolly_roger2	8633	15695	Ostseepiraten	Rum_u_Ehre	08.22.2021	55.0%
1085	flausmaus	6311	11475	Ostseepiraten	Rum_u_Ehre	08.08.2021	55.0%
406	terpentin25	10904	19831	Ostseepiraten	Rum_u_Ehre	08.25.2021	55.0%
24	iowabb61eu	25510	46403	Ostseepiraten	corsair	08.25.2021	55.0%
6	hungdiu	34061	62438	Ostseepiraten	-	08.15.2021	54.6%
2110	abstinenzler	3398	6297	Ostseepiraten	-	08.20.2021	54.0%
10007	phreek97	11794	21858	Ostseepiraten	-	08.25.2021	54.0%
969	captmorgan_	6835	12726	Ostseepiraten	-	08.15.2021	53.7%
2537	home88	2732	5094	Ostseepiraten	F_Drake	08.22.2021	53.6%
1829	lord_mihei	4077	7603	Ostseepiraten	F_Drake	08.18.2021	53.6%
653	tqtq7777_eu	8595	16032	Ostseepiraten	Rum_u_Ehre	08.25.2021	53.6%
1401	heiko04	5183	9674	Ostseepiraten	-	06.22.2021	53.6%

Showing 1 to 15 of 20 entries

Previous

1

2N

In [40]: # 尖刀连  
fleet\_power('尖刀连')

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
2042	zousx	3558	5347	尖刀连	-	08.25.2021	66.5%
1720	liuyishou1	4299	6874	尖刀连	-	08.24.2021	62.5%
1081	liuyishou	6343	10189	尖刀连	-	08.24.2021	62.3%
1128	nj01	6092	10443	尖刀连	-	08.24.2021	58.3%
493	dx777	9978	17725	尖刀连	-	08.24.2021	56.3%
1121	linyu999	6126	13134	尖刀连	-	08.24.2021	46.6%

Showing 1 to 6 of 6 entries

Previous

1

N

```
In [22]: # ARMADA CHILENA
fleet_power('ARMADA CHILENA')
```

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
176	makuvex	14663	27188	ARMADA CHILENA	-	07.25.2021	53.9%
375	cianuro51	11225	20980	ARMADA CHILENA	-	08.22.2021	53.5%
407	lmario666	10901	20789	ARMADA CHILENA	-	07.04.2021	52.4%
1735	carlosii	4276	8266	ARMADA CHILENA	O"Higgins	08.04.2021	51.7%
739	the_emperor	8162	15853	ARMADA CHILENA	-	08.15.2021	51.5%
378	klython1	11196	21890	ARMADA CHILENA	-	08.01.2021	51.1%
146	alex_nilton	15528	30872	ARMADA CHILENA	-	08.22.2021	50.3%
1702	saharas	4345	8639	ARMADA CHILENA	-	08.22.2021	50.3%
172	kudoalex	14746	29388	ARMADA CHILENA	O"Higgins	08.24.2021	50.2%
2332	jecho	3002	5999	ARMADA CHILENA	-	08.22.2021	50.0%
526	kiros	9598	19214	ARMADA CHILENA	-	08.15.2021	50.0%
1785	yeyco	4164	8342	ARMADA CHILENA	MADE IN CHILE	08.08.2021	49.9%
1923	tumacho	3862	7829	ARMADA CHILENA	-	08.08.2021	49.3%
753	estan1sla0	8063	16479	ARMADA CHILENA	-	08.22.2021	48.9%
207	edumo59b	13940	28537	ARMADA CHILENA	-	08.22.2021	48.8%

Showing 1 to 15 of 20 entries

Previous

1

2

N

```
In [23]: # Flota Chile
fleet_power('Flota Chile')
```

Show15▼entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1754	ivan_killer	4236	7270	Flota Chile	HUSARES	07.28.2021	58.3%
179	cuadrad	14617	26235	Flota Chile	-	08.24.2021	55.7%
1183	kulebrakai	5909	10821	Flota Chile	-	08.22.2021	54.6%
359	xaloooo	11445	21474	Flota Chile	-	08.19.2021	53.3%
1538	breaka	4749	8965	Flota Chile	-	08.22.2021	53.0%
1083	gabriel_03	6332	11966	Flota Chile	Nanox	06.22.2021	52.9%
1084	chilotecocoa	6319	11944	Flota Chile	-	08.22.2021	52.9%
592	nitroxx	9053	17183	Flota Chile	ALDEA	08.22.2021	52.7%
10069	flotachile	3059	5831	Flota Chile	Andes	08.22.2021	52.5%
743	elite_	8121	15498	Flota Chile	-	08.22.2021	52.4%
298	azsnar	12196	23278	Flota Chile	-	08.22.2021	52.4%
53	uss_pat	21412	40980	Flota Chile	ALDEA	08.23.2021	52.2%
10053	king_pat	2879	5552	Flota Chile	-	08.22.2021	51.9%
1357	quersen	5338	10380	Flota Chile	Nanox	08.22.2021	51.4%
629	iquique	8749	17045	Flota Chile	ALDEA	08.22.2021	51.3%

Showing 1 to 15 of 20 entries

Previous

1

2

N

In [24]:

```
# Imperium
fleet_power('Imperium')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
69	aildinchen	19553	33085	Imperium	Aggressor	08.09.2021	59.1%
564	delta56	9285	16035	Imperium	Veterans	08.25.2021	57.9%
636	ssepan	8701	15140	Imperium	-	08.25.2021	57.5%
49	slayer_z	22225	39255	Imperium	MFDM	07.02.2021	56.6%
1256	nbarloya	5682	10138	Imperium	Aggressor	08.01.2021	56.0%
726	sema433	8266	14978	Imperium	Veterans	08.15.2021	55.2%
1213	clp991562	5832	10690	Imperium	-	08.24.2021	54.6%
706	benbonebone	8364	15558	Imperium	-	08.24.2021	53.8%
2365	bart4	2958	5509	Imperium	-	07.28.2021	53.7%
1929	bilt	3853	7181	Imperium	Veterans	07.25.2021	53.7%
463	daminator	10269	19208	Imperium	Old Boy	08.17.2021	53.5%
65	sargares	20180	37837	Imperium	MFDM	08.01.2021	53.3%
246	extrumy	13077	24583	Imperium	-	08.25.2021	53.2%
400	razu_ur	10962	20746	Imperium	-	08.02.2021	52.8%
1625	sitomanto	4537	8608	Imperium	Old Boy	06.18.2021	52.7%

Showing 1 to 15 of 20 entries

Previous

1

2N

In [25]:

```
# Armored Angels
fleet_power('Armored Angels')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
351	rainbow112	11503	18390	Armored Angels	Titans SQ	08.03.2021	62.6%
167	will211	14824	27944	Armored Angels	-	08.24.2021	53.0%
193	hideship12	14265	27043	Armored Angels	Titans SQ	08.02.2021	52.7%
600	zemex	9002	17166	Armored Angels	Titans SQ	08.24.2021	52.4%
33	sleuth	23737	45601	Armored Angels	-	08.24.2021	52.1%
508	admstef	9759	18797	Armored Angels	-	07.07.2021	51.9%
1044	wawa300	6484	12676	Armored Angels	Titans SQ	07.30.2021	51.2%
118	djr63	16381	32061	Armored Angels	Saintz SQ	07.04.2021	51.1%
50	mido	22175	43420	Armored Angels	Titans SQ	08.20.2021	51.1%
1532	david231	4770	9373	Armored Angels	-	08.15.2021	50.9%
54	nmac	21091	41863	Armored Angels	-	08.24.2021	50.4%
39	semmes	22933	45596	Armored Angels	Titans SQ	08.25.2021	50.3%
805	kurapikaa	7733	15412	Armored Angels	-	08.12.2021	50.2%
850	khairy1986	7419	14841	Armored Angels	Titans SQ	08.04.2021	50.0%
292	mcrespo	12334	24807	Armored Angels	Saintz SQ	08.19.2021	49.7%

Showing 1 to 15 of 20 entries

Previous

1

2N

```
In [26]: # HELL BOYS
fleet_power('HELL BOYS')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1130	_vicon_	6080	9802	HELL BOYS	ZETAS	06.29.2021	62.0%
102	nightmare29	17191	29009	HELL BOYS	IMMORTALS	08.22.2021	59.3%
20	altsein	26005	44322	HELL BOYS	-	08.22.2021	58.7%
141	hitachi88	15648	26868	HELL BOYS	ZETAS	08.23.2021	58.2%
27	patatoo	24589	42485	HELL BOYS	-	08.15.2021	57.9%
1254	whitewolf200	5687	9910	HELL BOYS	IMMORTALS	06.23.2021	57.4%
192	det_ka	14287	24970	HELL BOYS	ZETAS	08.24.2021	57.2%
267	chefboy	12709	22326	HELL BOYS	IMMORTALS	08.23.2021	56.9%
337	dakota775	11675	20512	HELL BOYS	ZETAS	06.06.2021	56.9%
517	andr2776	9695	17242	HELL BOYS	ZETAS	08.22.2021	56.2%
423	xelementx	10712	19298	HELL BOYS	-	08.22.2021	55.5%
1917	biel_brazil	3876	7015	HELL BOYS	IMMORTALS	06.07.2021	55.3%
488	darioo12	10009	18180	HELL BOYS	IMMORTALS	08.24.2021	55.1%
85	nafl1	18610	33846	HELL BOYS	IMMORTALS	08.24.2021	55.0%
1052	webersua	6445	11883	HELL BOYS	-	08.25.2021	54.2%

Showing 1 to 15 of 20 entries

Previous

1

2N

```
In [27]: # Reiwa Fleet
fleet_power('Reiwa Fleet')
```

Show 15 ▾ entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
2104	wanco2121	3408	5532	Reiwa Fleet	-	08.04.2021	61.6%
2215	aituki	3194	5187	Reiwa Fleet	-	08.13.2021	61.6%
101	zatti	17197	27986	Reiwa Fleet	-	08.24.2021	61.4%
1782	attender	4168	7633	Reiwa Fleet	-	08.24.2021	54.6%
1050	sigemori	6448	12035	Reiwa Fleet	-	06.30.2021	53.6%
862	captainmaru	7355	13901	Reiwa Fleet	-	08.17.2021	52.9%
2460	cx817us	2827	5382	Reiwa Fleet	-	08.13.2021	52.5%
46	osuka	22381	43779	Reiwa Fleet	-	08.24.2021	51.1%
2415	gunmachan	2885	6188	Reiwa Fleet	-	06.16.2021	46.6%

Showing 1 to 9 of 9 entries

Previous

1

N

```
In [28]: # Jedi Fleet
fleet_power('Jedi Fleet')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
11	jackaljl	29356	49638	Jedi Fleet	-	08.22.2021	59.1%
1781	black101	4169	7824	Jedi Fleet	-	06.13.2021	53.3%
1874	hotshootgg	3975	8090	Jedi Fleet	-	06.19.2021	49.1%
1543	langan	4731	10003	Jedi Fleet	-	07.25.2021	47.3%
1963	tk0rahl	3775	7996	Jedi Fleet	Sith Empire	07.08.2021	47.2%
2940	tacnuke	2222	5252	Jedi Fleet	-	06.23.2021	42.3%

Showing 1 to 6 of 6 entries

Previous1N

```
In [29]: # TeamKorea
fleet_power('TeamKorea')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
2056	mndusers	3516	5984	TeamKorea	Korea	08.24.2021	58.8%
366	timmerman	11262	19458	TeamKorea	-	08.24.2021	57.9%
1578	marvell	4653	8709	TeamKorea	-	08.24.2021	53.4%
2496	kika1311	2769	5188	TeamKorea	Korea	08.24.2021	53.4%
1621	seedream	4556	8620	TeamKorea	-	08.23.2021	52.9%
1839	bnbchd	4056	7708	TeamKorea	-	08.22.2021	52.6%
998	torabin	6704	12741	TeamKorea	-	08.24.2021	52.6%
1691	doria1611	4371	8550	TeamKorea	-	06.27.2021	51.1%
2014	windcircuit	3631	7134	TeamKorea	Korea	08.24.2021	50.9%
1823	jkl3188	4087	8174	TeamKorea	Korea	06.20.2021	50.0%
2545	piraten1	2718	5501	TeamKorea	-	08.04.2021	49.4%
1076	rudwnshhffof	6360	13776	TeamKorea	-	08.19.2021	46.2%

Showing 1 to 12 of 12 entries

Previous1N



In [30]:

```
# HBZ联合舰队
fleet_power('HBZ联合舰队')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
213	cjl230	13884	24767	HBZ联合舰队	-	08.24.2021	56.1%
2254	vincent379	3120	5902	HBZ联合舰队	-	08.09.2021	52.9%
2595	kaworunagisa	2643	6048	HBZ联合舰队	-	08.24.2021	43.7%

Showing 1 to 3 of 3 entries

Previous1N

In [31]:

```
# 乾坤舰队
fleet_power('乾坤舰队')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
441	tjdy	10524	18473	乾坤舰队	-	08.25.2021	57.0%
1980	hundun01	3711	6648	乾坤舰队	-	08.25.2021	55.8%
2201	ninohui218	3221	6091	乾坤舰队	-	08.25.2021	52.9%
744	zhkim72	8116	15574	乾坤舰队	-	08.24.2021	52.1%
2252	oxoxo	3122	6019	乾坤舰队	-	08.10.2021	51.9%
1106	qk015	6231	12035	乾坤舰队	-	08.22.2021	51.8%
1668	sujian521	4427	8649	乾坤舰队	-	08.24.2021	51.2%
2458	hrmd	2827	5680	乾坤舰队	-	08.24.2021	49.8%

Showing 1 to 8 of 8 entries

Previous1N

In [32]:

# 皇家零零七  
fleet\_power('皇家零零七')

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
756	kpwl0013	8045	14528	皇家零零七	情谊	08.20.2021	55.4%
2165	bzsd	3286	5967	皇家零零七	情谊	08.25.2021	55.1%
1774	huizi1616	4190	7824	皇家零零七	情谊	08.23.2021	53.6%
683	xiaonan2018	8446	15962	皇家零零七	情谊	08.24.2021	52.9%
853	sata100	7394	14015	皇家零零七	情谊	08.25.2021	52.8%
2514	ziri2121	2755	5318	皇家零零七	-	08.24.2021	51.8%
1618	huilangooo	4557	8819	皇家零零七	情谊	08.20.2021	51.7%
1275	jian2524	5615	11164	皇家零零七	情谊	08.24.2021	50.3%
1570	ahuan07	4673	9303	皇家零零七	情谊	08.25.2021	50.2%
1721	ww51ww	4298	8602	皇家零零七	情谊	08.07.2021	50.0%
2707	huilang	2498	5199	皇家零零七	情谊	08.21.2021	48.0%
2356	haixiao	2967	6367	皇家零零七	情谊	08.24.2021	46.6%

Showing 1 to 12 of 12 entries

Previous1N

In [33]:

# 拆迁办  
fleet\_power('拆迁办')

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
953	hyz980517	6902	11229	拆迁办	Logistics	06.16.2021	61.5%
2069	liu001002	3489	5799	拆迁办	-	08.25.2021	60.2%
1701	chungshen	4351	7636	拆迁办	-	08.25.2021	57.0%
513	linhai12	9718	18478	拆迁办	荣耀	08.24.2021	52.6%
2501	nulei01	2766	5260	拆迁办	Logistics	08.24.2021	52.6%
922	pingtoug	7084	13581	拆迁办	玄武	08.24.2021	52.2%
804	hw0871	7739	14843	拆迁办	朱雀	08.22.2021	52.1%
2422	gt3000	2875	5520	拆迁办	朱雀	08.24.2021	52.1%
2452	ridgyes	2835	5480	拆迁办	玄武	08.16.2021	51.7%
2516	opqo	2753	5337	拆迁办	-	06.27.2021	51.6%
761	baozhu001	8005	15532	拆迁办	朱雀	08.20.2021	51.5%
2117	gaolei	3391	6585	拆迁办	荣耀	08.22.2021	51.5%
2461	a3986568	2826	5572	拆迁办	朱雀	08.04.2021	50.7%
2579	zhandi	2676	5279	拆迁办	-	08.03.2021	50.7%
2217	zhende1234	3193	6320	拆迁办	荣耀	08.24.2021	50.5%

Showing 1 to 15 of 20 entries

Previous12N

```
In [34]: # 巅峰舰队
fleet_power('巅峰舰队')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
2209	shuyang66	3208	6013	巅峰舰队	-	08.05.2021	53.4%
523	shuyang88	9610	18673	巅峰舰队	-	08.23.2021	51.5%
10100	laixilaixi888	4290	8495	巅峰舰队	-	08.18.2021	50.5%
2301	lufanss	3050	6054	巅峰舰队	-	07.11.2021	50.4%
1124	tmdb	6102	12144	巅峰舰队	-	08.18.2021	50.2%

Showing 1 to 5 of 5 entries

Previous1N

```
In [35]: # M.F Fleet
fleet_power('M.F Fleet')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
67	huitainan_a	19917	29796	M.F Fleet	M.F共和国之鹰	08.24.2021	66.8%
10021	gongyun	12952	21348	M.F Fleet	M.F共和国之鹰	08.24.2021	60.7%
1988	wuxianmao	3691	6528	M.F Fleet	-=HAWK=-	08.15.2021	56.5%
974	fireball194	6803	12146	M.F Fleet	M.F共和国之鹰	08.25.2021	56.0%
616	mahaitao	8887	16244	M.F Fleet	-=HAWK=-	08.24.2021	54.7%
1240	langxuewu	5726	10522	M.F Fleet	鹰雄团	08.10.2021	54.4%
2076	cc005	3475	6430	M.F Fleet	-=HAWK=-	08.24.2021	54.0%
10064	yufengauto	4891	9275	M.F Fleet	M.F共和国之鹰	08.24.2021	52.7%
1048	suqi918	6450	12244	M.F Fleet	M.F共和国之鹰	08.06.2021	52.7%
788	ntuukpi	7828	14937	M.F Fleet	-=HAWK=-	08.22.2021	52.4%
2268	yapoo86	3102	5944	M.F Fleet	M.F共和国之鹰	08.22.2021	52.2%
763	strongchen	8000	15391	M.F Fleet	-=HAWK=-	08.22.2021	52.0%
10001	v2xx	11669	22457	M.F Fleet	鹰雄汇	08.24.2021	52.0%
1447	wlbsl203	5036	9709	M.F Fleet	鹰雄汇	08.23.2021	51.9%
2191	xx7890033	3231	6312	M.F Fleet	M.F共和国之鹰	08.22.2021	51.2%

Showing 1 to 15 of 20 entries

Previous12N

In [36]:

```
# 芜湖连坑
fleet_power('兄弟盟')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
562	zxziihanying	9292	15135	兄弟盟	天下归	08.25.2021	61.4%
2167	laowang888	3282	5914	兄弟盟	-	08.24.2021	55.5%
2438	ywx13775340989	2854	5145	兄弟盟	天下归	08.24.2021	55.5%
1792	zhangaotan	4145	7812	兄弟盟	-	08.24.2021	53.1%
2607	oks666	2625	5023	兄弟盟	天下归	08.24.2021	52.3%
2578	xcd315	2677	5129	兄弟盟	大一统	08.24.2021	52.2%
1410	lwbfy1219	5153	10260	兄弟盟	-	08.22.2021	50.2%
1541	lele2021	4739	9613	兄弟盟	大一统	08.25.2021	49.3%
1231	ospimp	5760	11779	兄弟盟	大一统	08.07.2021	48.9%
1331	rus1976	5435	11180	兄弟盟	-	08.22.2021	48.6%
2668	h3213413	2545	5346	兄弟盟	大一统	08.25.2021	47.6%
2507	wangle2020	2761	5800	兄弟盟	-	08.24.2021	47.6%
2043	haibi000	3555	7469	兄弟盟	大一统	08.21.2021	47.6%
2624	asd532501	2603	5621	兄弟盟	大一统	08.24.2021	46.3%
1374	xc87995348	5271	11459	兄弟盟	-	08.24.2021	46.0%

Showing 1 to 15 of 19 entries

Previous12N

In [37]:

```
# Homeless
fleet_power('-')
```

Show 15 entries

Search:

	账号	胜场数	总场数	舰队	小队	最后登录	胜率
1089	jooooooo	6283	7868	-	-	07.25.2021	79.9%
1678	baozi77	4406	5710	-	-	08.24.2021	77.2%
244	k435345	13128	18023	-	-	08.15.2021	72.8%
241	greattak	13196	18308	-	-	08.05.2021	72.1%
944	vosu	6958	9696	-	-	08.22.2021	71.8%
468	josuuu	10191	15216	-	-	08.21.2021	67.0%
559	laopu	9295	13897	-	-	08.23.2021	66.9%
838	fs4025paz	7544	11334	-	-	08.24.2021	66.6%
1436	odradek	5071	7912	-	-	08.24.2021	64.1%
2058	arca_mars	3513	5494	-	-	08.24.2021	63.9%
1977	bonanoob	3735	5861	-	-	07.07.2021	63.7%
443	hope51	10492	16651	-	-	08.24.2021	63.0%
10067	wololoooooo	20339	32337	-	-	08.20.2021	62.9%
1742	bnr35	4268	6806	-	-	08.11.2021	62.7%
240	aragorn1st	13224	21122	-	-	06.27.2021	62.6%

Showing 1 to 15 of 20 entries

Previous12N

```
In [38]: as.list(unique(nf_data['fleet']))
```

\$fleet =

'BAMF FLEET' · 'Russian Alliance' · '兔子.CHN.' · '-' · 'HELL BOYS' · 'Ostseepiraten' · 'TEAM PRO BOTS' · 'Imperium' · 'Jedi Fleet' · 'FreeThaiMoveMent' · 'Armada Argentina' · 'Valhalla' · 'Dt. Flottenbund' · '新荣誉' · 'Armored Angels' · 'Flota Peruana' · '大风云舰队' · 'Reiwa Fleet' · 'Flota Chile' · '海风舰队' · '中华联合舰队' · 'M.F Fleet' · 'C.O.H.' · '中国蓝舰队' · 'VNFRIENDS' · 'ARMADA CHILENA' · '深海纵队' · 'E.D.F' · 'HBZ联合舰队' · 'Dango Daikazoku' · 'War Navy' · 'TeamKorea' · 'Great\_Sharks' · '北方舰队' · '乾坤舰队' · 'TURKIYE' · 'Poseidon' · '尖刀连' · '拆迁办' · '巅峰舰队' · '第四力量' · 'Flota Gallega' · '名将堂舰队' · '007舰队' · '兄弟盟' · 'LEYENDA HISPANA' · '皇家零零七' · '琥 珀' · '首战' · '=中国蓝=' · '帝国天雷舰队' · '深海舰队' · 'ARGONAUTS' · 'The First Shock' · 'REGIA.MARINA.ITA' · '齐云舰队' · '云融' · '第七联合舰队' · '武林堂' · '荣誉' · '娱乐派对' · 'Dark Side' · '水手集团总公司' · '烟民' · 'I.J.N' · 'UN联合舰队' · '戟斧' · 'ULTRAS+' · 'V & C 海盗团' · '海狼' · 'CRUZ DEL SUR' · '第九宫舰队' · 'TeamNF' · '铁十字' · '旗艦聯合' · '武汉联合舰队' · '德意志帝国海军' · 'M.F精鹰舰队' · 'SS帝国公海舰队' · '怒海远征舰队' · 'Arg-1982' · '八一海军' · '大秦帝国舰队' · 'H\_o\_D' · '鹰击舰队' · '统一祖国' · '彩虹舰队' · '正和舰队' · '南海舰队' · '猎杀2020' · 'SeaWolves' · '达瓦里氏冲锋队' · '炎黄海军' · '北京舰队' · '自由国度' · '戮虎-未来之光' · '三国无双' · '卓越舰队' · '-Killerigel'

```
In [39]: as.list(unique(nf_data['squad']))
```

\$squad =

'BULLS' · 'Nakhimov' · '-' · 'Sith' · 'Crusaders' · 'GLORIUS' · 'MFDM' · 'HisThaiMajestyS' · 'IMMORTALS' · 'P\_Beneke' · 'DooM' · 'Veterans' · 'corsair' · 'Legacy' · 'BAP VIP' · 'USHAKOV' · 'Titans SQ' · 'ZETAS' · 'ALDEA' · '海風奔馳' · 'NERFED' · '中华联合二队' · 'M.F共和国之鹰' · 'Aggressor' · 'Sq Charlie' · 'Dragons' · 'Sagrados' · 'LIONS' · '☆☆☆' · 'Saintz SQ' · 'Stoertebeker' · '\$CHMUTZ' · 'AborzSQ' · 'World' · 'BAP\_SUR' · '=OLAYA=' · 'Peru' · 'Loewengeschwader' · '讨债办' · 'O"Higgins' · 'Tigergeschwader' · 'HUSARES' · '☆☆☆' · 'ARA SQ Charlie' · 'Rock Squad' · '.\_Lord' · '.\_=HAWK=\_' · 'pretender' · 'Renovation' · '★★☆' · '.\_ECHO' · 'BoB\_Soeldner' · '.\_ALPHA' · 'jancio dywizjon' · 'Hermit' · 'Team Pollera' · 'Rum\_u\_Ehre' · 'SQ. CHILE' · 'Dragon' · '勇敢天下' · 'Sons of anarchy' · 'bangkok' · '中华联合一队' · 'SUPREMO' · 'THOR' · '海風聚義' · 'Thundercats' · 'Old Boy' · 'ARA SQ Delta' · 'Pure Darkness' · '荣耀' · 'F\_Drake' · 'Bravery' · '雪豹旅' · '天下归' · 'Andes' · 'Makarov' · '鹰雄团' · '★☆☆' · 'Juliamo' · '海狼团' · '情谊' · '虎贲军' · '远征军' · '朱雀' · '暴击小分队' · 'ARA SQ Bravo' · 'Nanox' · 'United Coalition' · 'MADE IN CHILE' · '.\_=☆☆☆=\_' · '深渊' · '海浪' · '龍城' · '-' · '玄武' · '深蓝战队' · 'AYYY LMAO' · 'Logistics' · '扬帆起航' · 'R.O.C' · '勳章' · '海风之096老炮' · 'TheBestOfBest' · 'Armada Barat' · 'BLACKFLEET' · 'Sq C.O.H.' · 'Phil Tin Cans' · 'Fr.Kiss' · 'Hydra' · '.\_=★=\_' · '★★★' · '=L&G=' · '=B.DemonsSharks' · 'REGIA' · '大一统' · 'YAMATOdama' · 'Legion' · 'BUCETAO' · '炮灰团' · 'Armored Titans' · '海風' · '北纬37度' · 'Z G L' · '特混编队' · 'Sons\_of\_Odin' · 'Bikers' · '=名将堂=' · 'Odin' · 'English Squad' · '鹰雄汇' · 'F.C.J' · '北方天骄' · 'Cheewooda' · 'ARA SQ Mercs' · 'Nuke From Orbit' · '荣誉团' · 'Kyojano' · '■☆☆■' · '海魂' · 'Korea' · '佛系' · 'Freedom Fighter' · '=FG=' · '无畏' · 'Sith Empire' · 'LOKI' · '天下' · '■★■' · '血豹旅' · 'V & C' · 'Sea Wolves' · 'Grupo Especial' · 'TeamNF Monitor' · '名将堂雷神' · '战舰航母' · '鸭王' · '拂晓' · '名将堂战狼' · 'JUICY FRUIT' · '南海舰队' · '德意志黑人抬棺' · '德意志王牌战队' · '吾之荣誉即忠诚' · '幻象騎士團' · '中华太平洋舰队' · '深海' · '帝王' · '自由战士' · 'Fist' · 'USSLaJIWaJ' · 'Niko nii~' · '雷霆' · 'Ushakov' · 'ARDITI' · '专业\_批发核弹头' · '孤军' · '天驕' · '大秦雄鹰战队' · 'Argentina' · '八一海军' · 'Armored Navy' · '帝国天雷老鸟队' · '颶風' · '统帅堂' · '扬威四海' · '海上雄狮' · '奉天' · 'EuropeanCup' · 'Team Germany' · '银河舰队' · '彩虹舰队' · '■潇★湘■' · '广东舰队古惑仔' · '达瓦里希突击队' · '锦帆' · '南宁战队' · '光荣' · 'SS帝国公海舰队' · '热血' · '龙旗飘飘' · '恶魔之魂' · '廉江' · 'Jolly\_Roger' · 'Shark Fin Soup' · '1st Fleet' · 'UN联合②' · '老兵' · 'Mars' · 'SHIELD' · 'HMCS' · 'Xerecao' · 'UN联合①' · 'Forte Flotilla' · 'Kul Tiras Navy' · 'LaHiNiFiLeMoN' · 'Dokdo' · 'Avengers Fleet' · 'Xisled fleet' · '东北军团' · '=GnX=' · 'SVOI' · 'French boiii' · 'FkainScience' · '三国志' · 'Omega Command' · 'Angels SQ' · '大西洋舰队' · 'Blood Judgement' · '特洛伊' · 'Knightz SQ' · '太平洋舰队' · '大大的舰队' · 'Aquila'