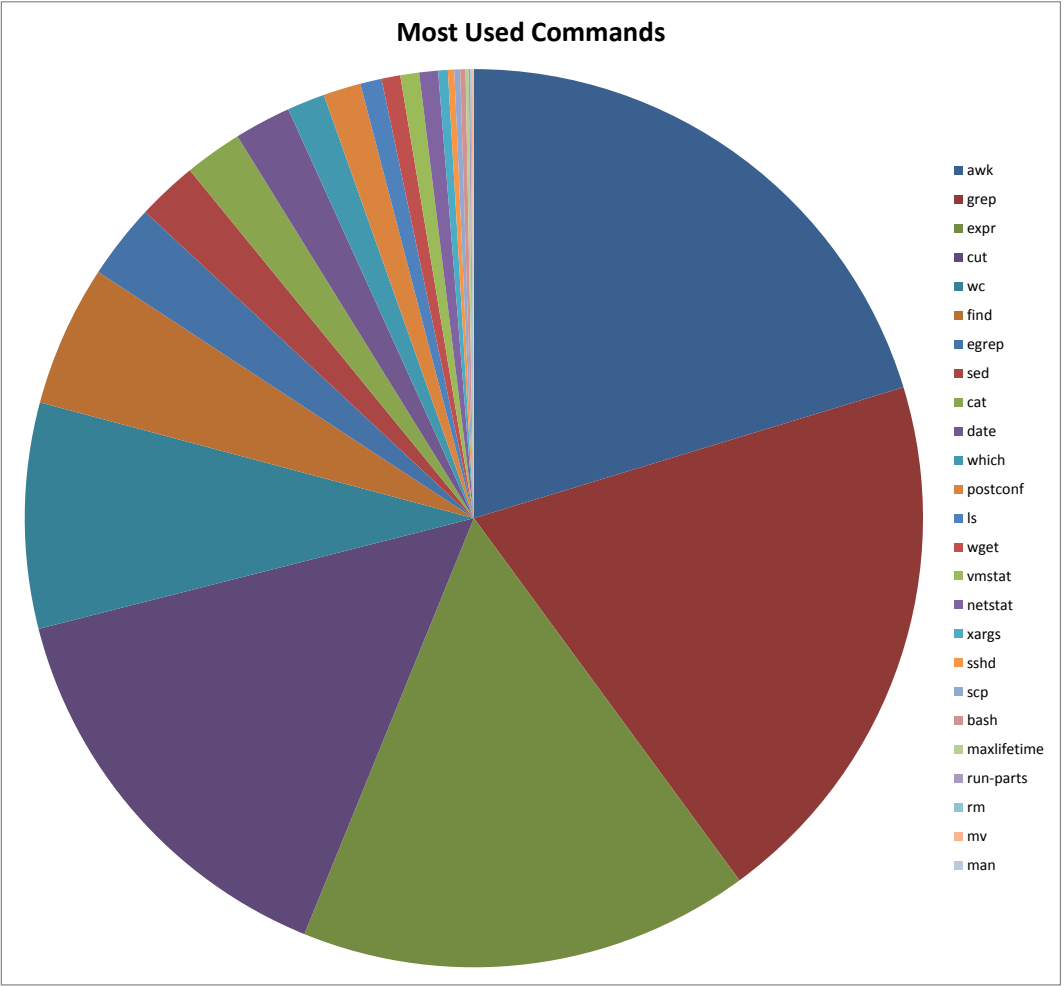


COMMAND	TIMES USED
awk	58536
grep	56660
expr	46824
cut	42922
wc	23413
find	14669
egrep	7804
sed	6242
cat	5980
date	5887
which	3925
postconf	3902
ls	2220
wget	1952
vmstat	1951
netstat	1951
xargs	994
sshd	663
scp	603
bash	555
maxlifetime	325
run-parts	169
rm	132
mv	118
man	105

This graph shows the most commonly used commands in the file analyzed

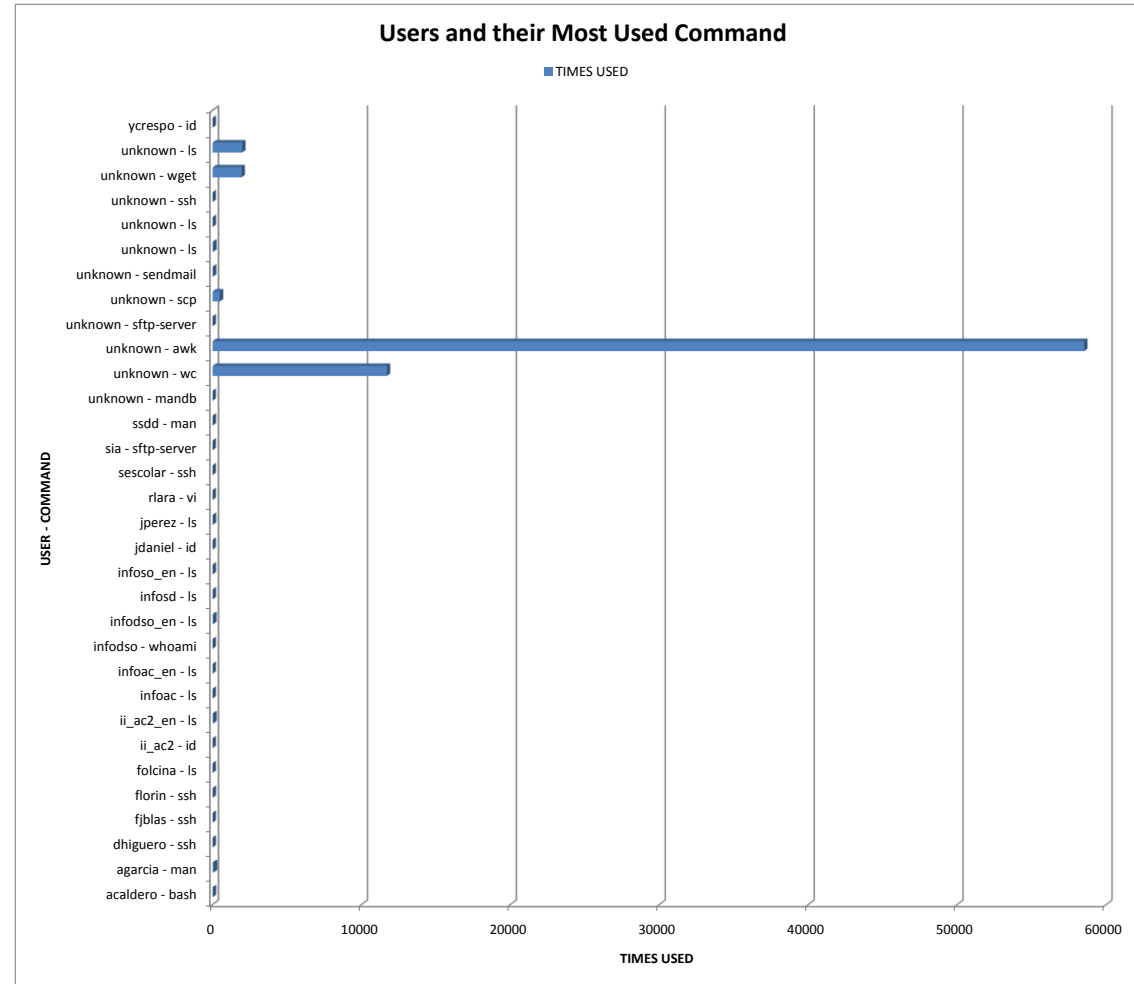
Limited to 25 records and Sort by the number of times it has been used.



<u>USER</u>	<u>COMMAND</u>	<u>USER - COMMAND</u>	<u>TIMES USED</u>
acaldero	bash	acaldero - bash	21
agarcia	man	agarcia - man	91
dhiguero	ssh	dhiguero - ssh	1
fjblas	ssh	fjblas - ssh	5
florin	ssh	florin - ssh	9
folcina	ls	folcina - ls	2
ii_ac2	id	ii_ac2 - id	1
ii_ac2_en	ls	ii_ac2_en - ls	52
infoac	ls	infoac - ls	2
infoac_en	ls	infoac_en - ls	6
infodso	whoami	infodso - whoami	1
infodso_en	ls	infodso_en - ls	48
infosd	ls	infosd - ls	13
infoso_en	ls	infoso_en - ls	8
jdaniel	id	jdaniel - id	2
jperez	ls	jperez - ls	19
rlara	vi	rlara - vi	1
sescolar	ssh	sescolar - ssh	1
sia	sftp-server	sia - sftp-server	1
ssdd	man	ssdd - man	14
unknown	mandb	unknown - mandb	7
unknown	wc	unknown - wc	11706
unknown	awk	unknown - awk	58530
unknown	sftp-server	unknown - sftp-server	1
unknown	scp	unknown - scp	491
unknown	sendmail	unknown - sendmail	33
unknown	ls	unknown - ls	51
unknown	ls	unknown - ls	11
unknown	ssh	unknown - ssh	1
unknown	wget	unknown - wget	1951
unknown	ls	unknown - ls	1991
ycrespo	id	ycrespo - id	1

This graph shows the most used command by each user

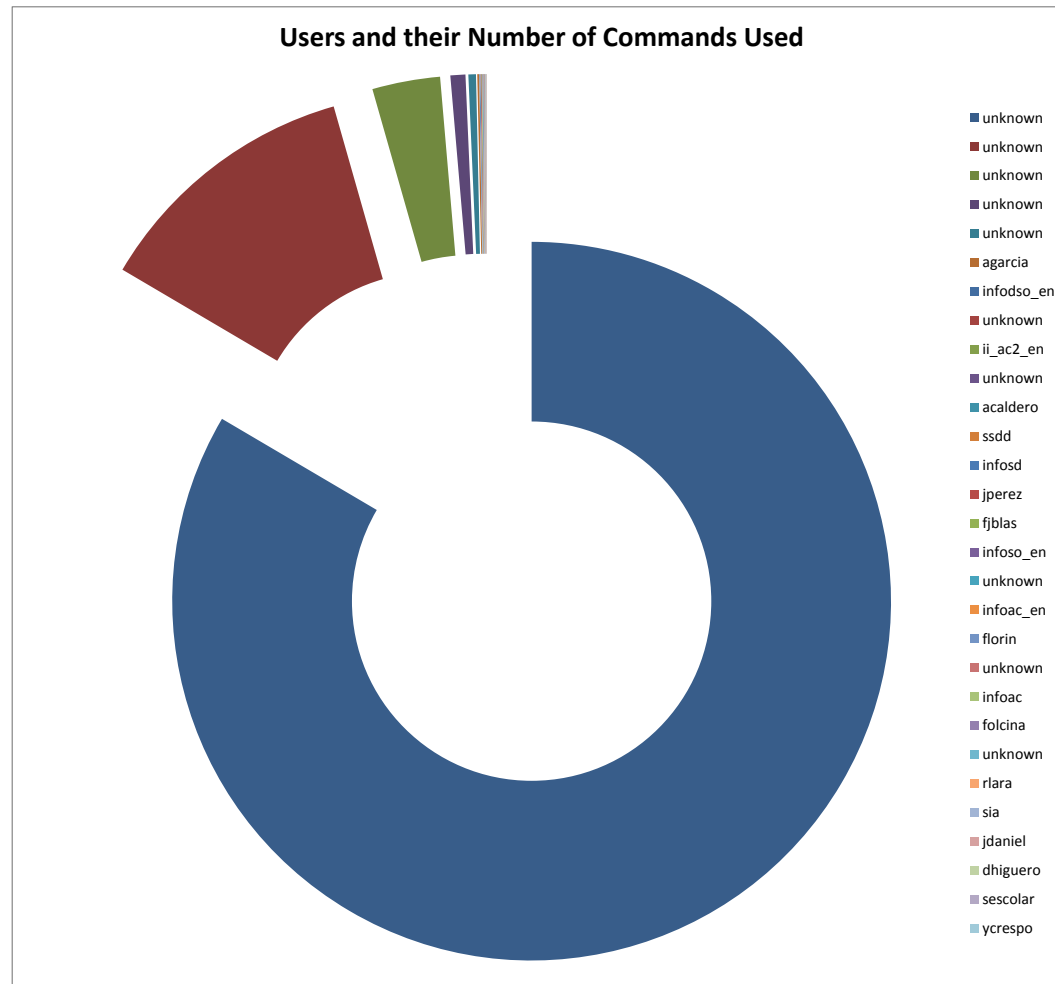
Sorted by username and Indicating the number of times have been used each.



USER	Nº
unknown	241956
unknown	35118
unknown	8842
unknown	1951
unknown	982
agarcia	241
infodso_en	112
unknown	107
ii_ac2_en	85
unknown	77
acaldero	62
ssdd	55
infosd	46
jperez	42
fjblas	28
infoso_en	28
unknown	25
infoac_en	24
florin	18
unknown	17
infoac	8
folcina	7
unknown	6
rlara	6
sia	6
jdaniel	5
dhiguero	5
sescolar	3
ycrespo	3
infodso	2
ii_ac2	2
unknown	2

This graph shows the total number of commands used by each user

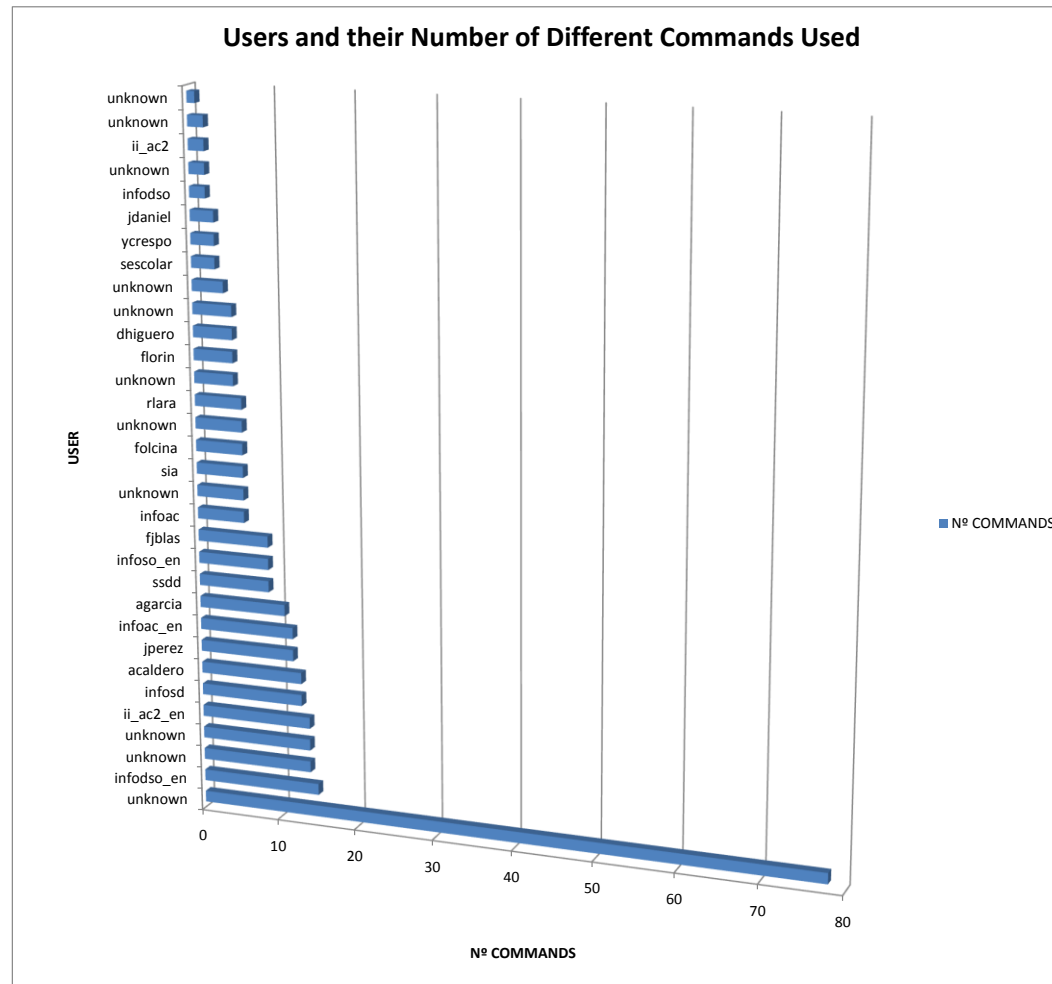
Sort by the number of times it has been used.



USER	Nº COMMANDS
unknown	78
infodso_en	15
unknown	14
unknown	14
ii_ac2_en	14
infosd	13
acaldero	13
jperez	12
infoac_en	12
agarcia	11
ssdd	9
infoso_en	9
fjblas	9
infoac	6
unknown	6
sia	6
folcina	6
unknown	6
rlara	6
unknown	5
florin	5
dhiguero	5
unknown	5
unknown	4
sescolar	3
ycrespo	3
jdaniel	3
infodso	2
unknown	2
ii_ac2	2
unknown	2
unknown	1

This graph shows the number of different commands used by each user

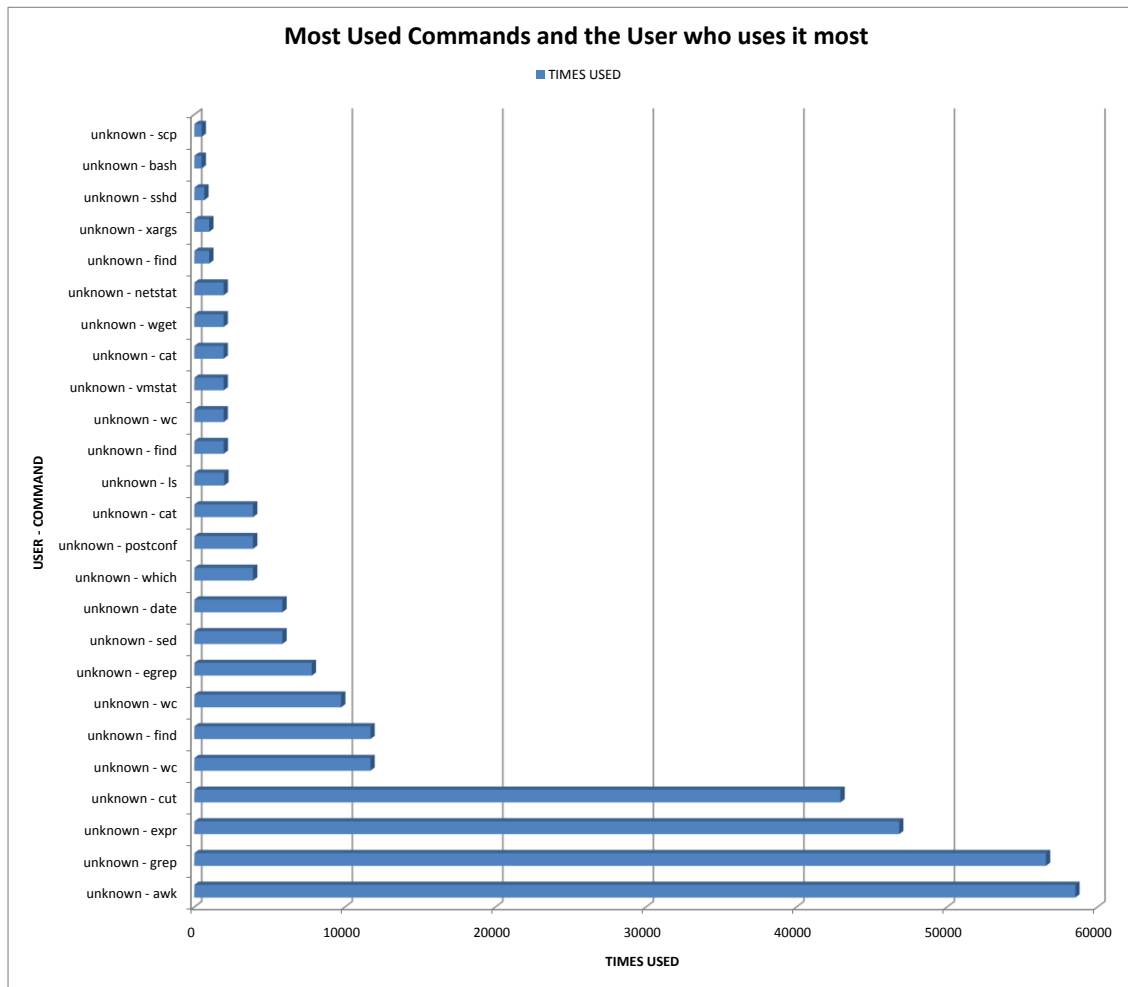
Sort by the number of times it has been used.



<u>USER</u>	<u>COMMAND</u>	<u>USER - COMMAND</u>	<u>TIMES USED</u>
unknown	awk	unknown - awk	58530
unknown	grep	unknown - grep	56579
unknown	expr	unknown - expr	46824
unknown	cut	unknown - cut	42922
unknown	wc	unknown - wc	11706
unknown	find	unknown - find	11706
unknown	wc	unknown - wc	9755
unknown	egrep	unknown - egrep	7804
unknown	sed	unknown - sed	5853
unknown	date	unknown - date	5853
unknown	which	unknown - which	3902
unknown	postconf	unknown - postconf	3902
unknown	cat	unknown - cat	3902
unknown	ls	unknown - ls	1991
unknown	find	unknown - find	1957
unknown	wc	unknown - wc	1952
unknown	vmstat	unknown - vmstat	1951
unknown	cat	unknown - cat	1951
unknown	wget	unknown - wget	1951
unknown	netstat	unknown - netstat	1951
unknown	find	unknown - find	988
unknown	xargs	unknown - xargs	988
unknown	sshd	unknown - sshd	663
unknown	bash	unknown - bash	491
unknown	scp	unknown - scp	491

This graph shows the commands used more times

Indicating the user who has most used , Limited to 25 records and Ordered by the number of times they have used it.

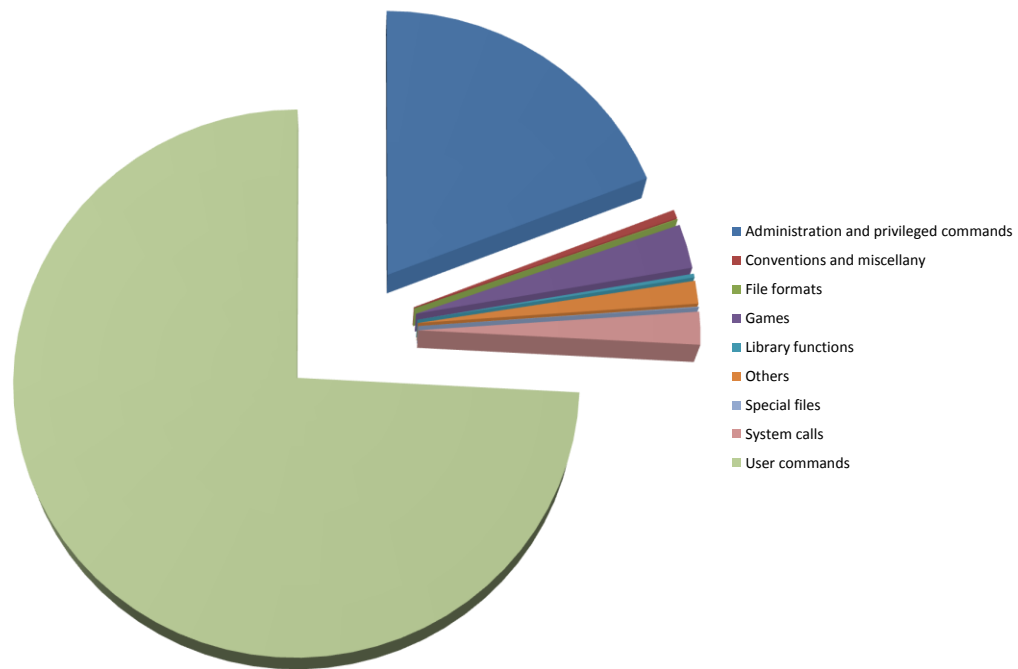


<u>CATEGORY</u>	<u>Nº COMMANDS</u>
Administration and privileged commands	422
Conventions and miscellany	11
File formats	1
Games	58
Library functions	5
Others	30
Special files	1
System calls	43
User commands	1638

This graph shows the categories of commands covered and the number of commands that each one has

Sorted by category.

Existing Commands By Category

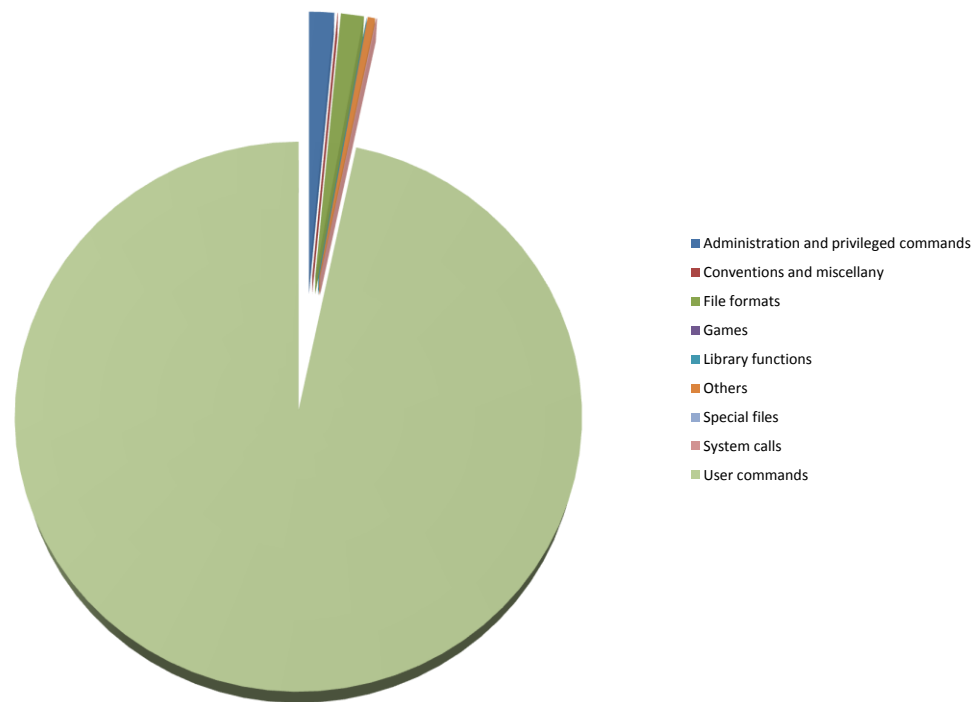


<u>CATEGORY</u>	<u>Nº COMMANDS USED</u>
Administration and privileged commands	4263
Conventions and miscellany	76
File formats	3902
Games	0
Library functions	0
Others	1261
Special files	0
System calls	155
User commands	280214

This graph shows the categories and the number of used commands into each one

Sorted by category.

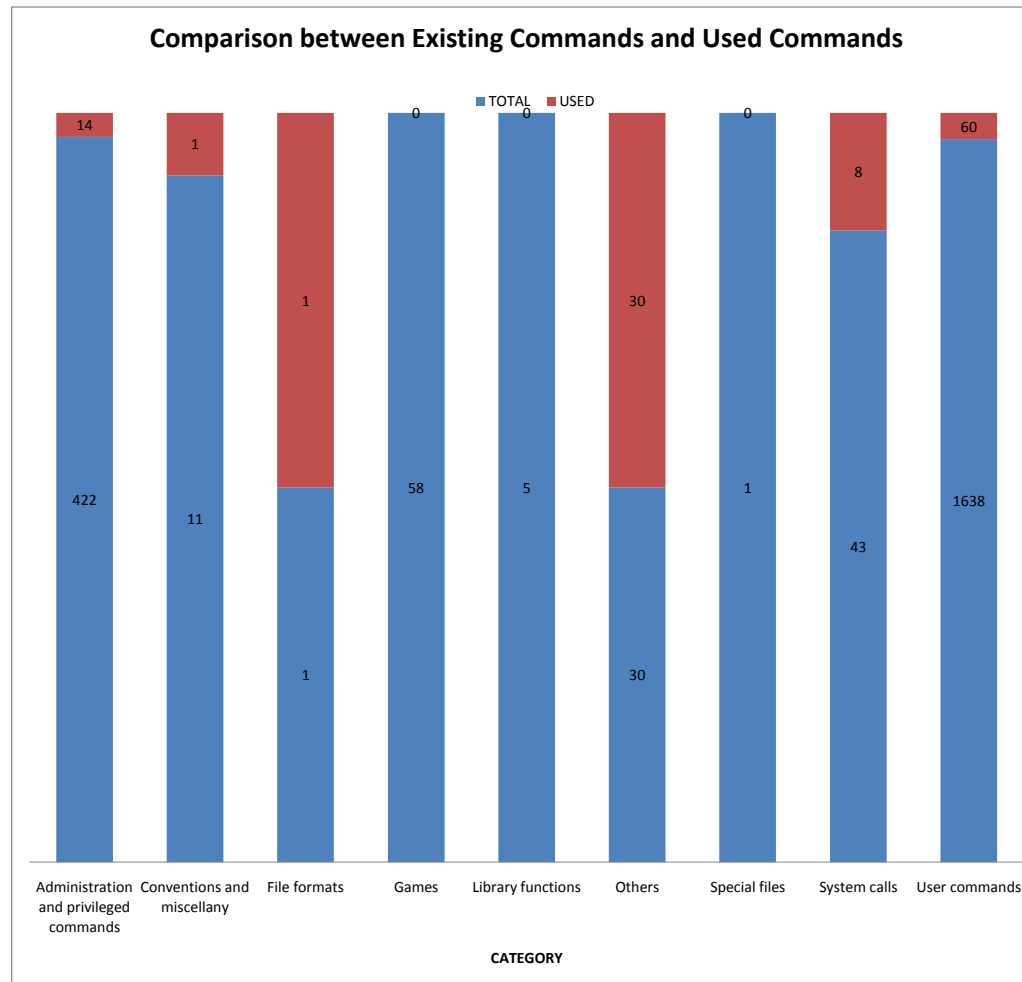
Commands Used By Category



<u>CATEGORY</u>	<u>TOTAL</u>	<u>USED</u>
Administration and privileged commands	422	14
Conventions and miscellany	11	1
File formats	1	1
Games	58	0
Library functions	5	0
Others	30	30
Special files	1	0
System calls	43	8
User commands	1638	60

This graph shows a comparison between the commands into the initial commands file and the ones into the log file analyzed

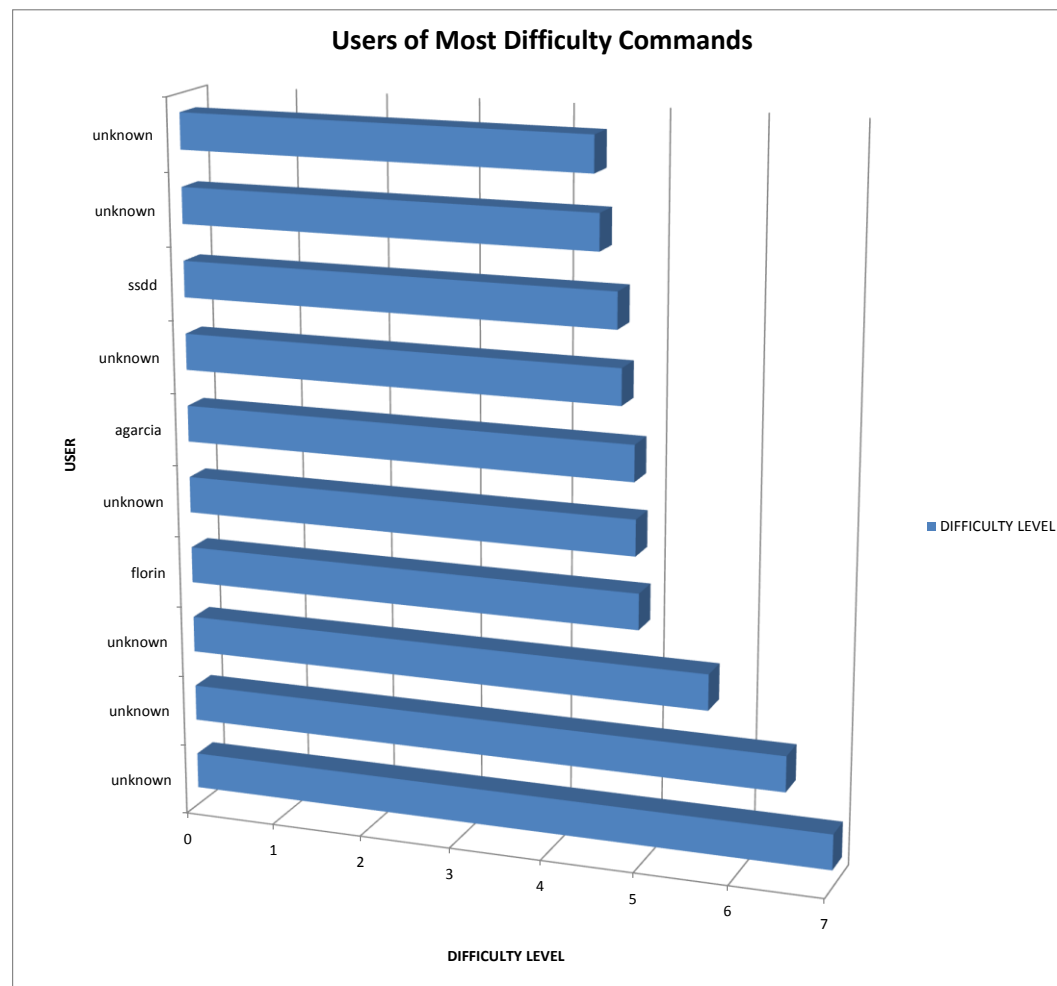
Grouped and Sorted by the name of the category to which they belong.



USER	DIFFICULTY LEVEL
unknown	7
unknown	6,5
unknown	5,68
florin	4,94
unknown	4,9
agarcia	4,88
unknown	4,74
ssdd	4,69
unknown	4,5
unknown	4,44

This graph shows the users running on average more difficult commands

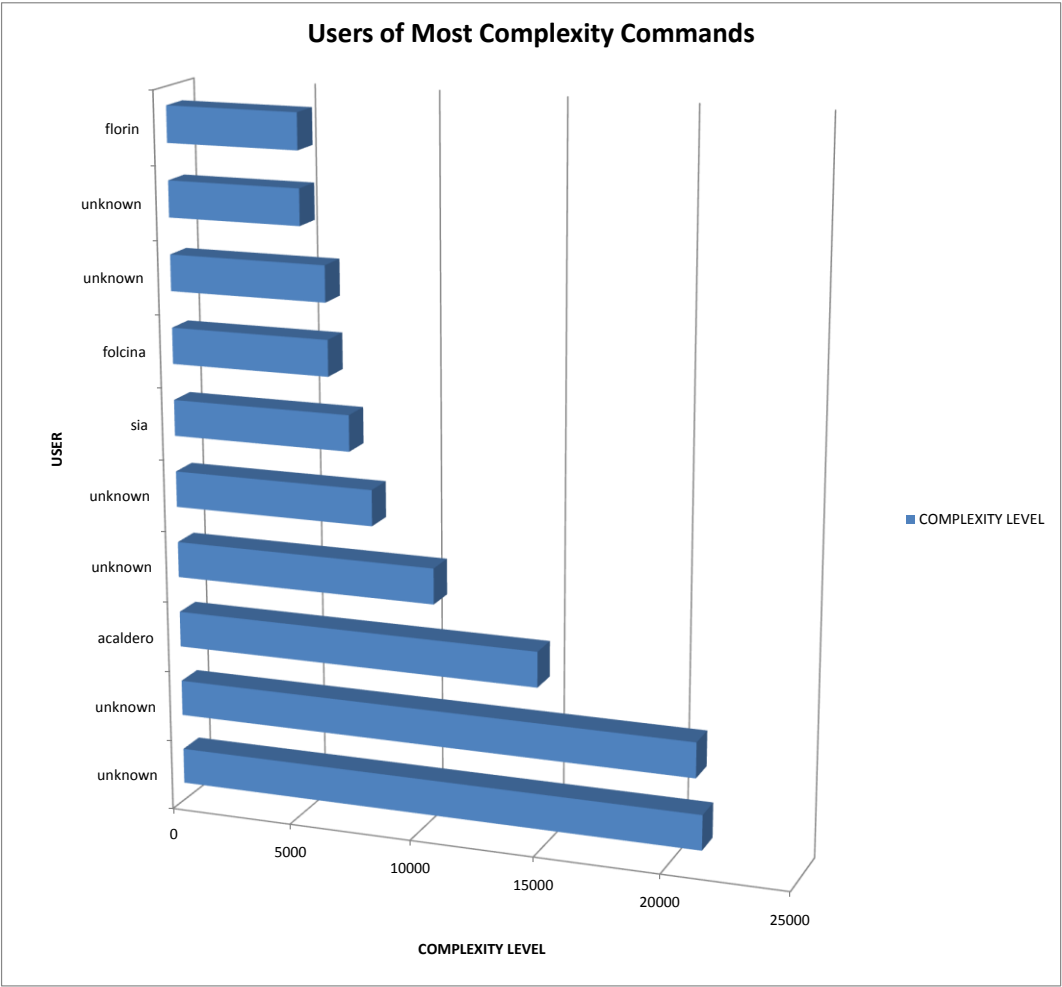
Limited to 10 records and Sorted by the middle of difficulty of the commands used.



<u>USER</u>	<u>COMPLEXITY LEVEL</u>
unknown	21298
unknown	21015,5
acaldero	14771,6
unknown	10616
unknown	8133,83
sia	7238,17
folcina	6419,71
unknown	6342,85
unknown	5357,24
florin	5314,33

This graph shows the users that are running , on average, more complex commands

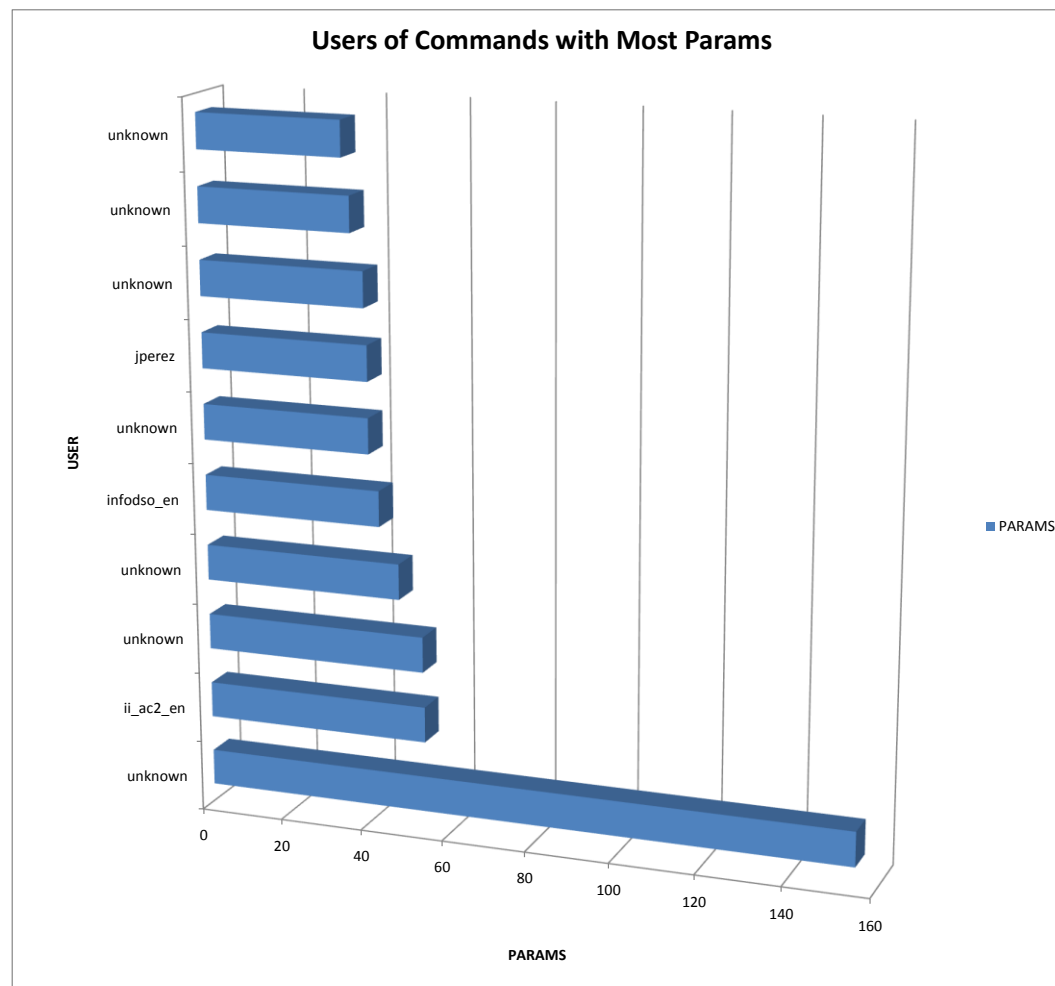
Limited to 10 entries and Ordered by the average complexity of the commands used.



<u>USER</u>	<u>PARAMS</u>
unknown	155
ii_ac2_en	53,59
unknown	53,22
unknown	47,56
infodso_en	42,93
unknown	40,59
jperez	40,57
unknown	39,88
unknown	36,84
unknown	35

This graph shows the users running on average more command parameters

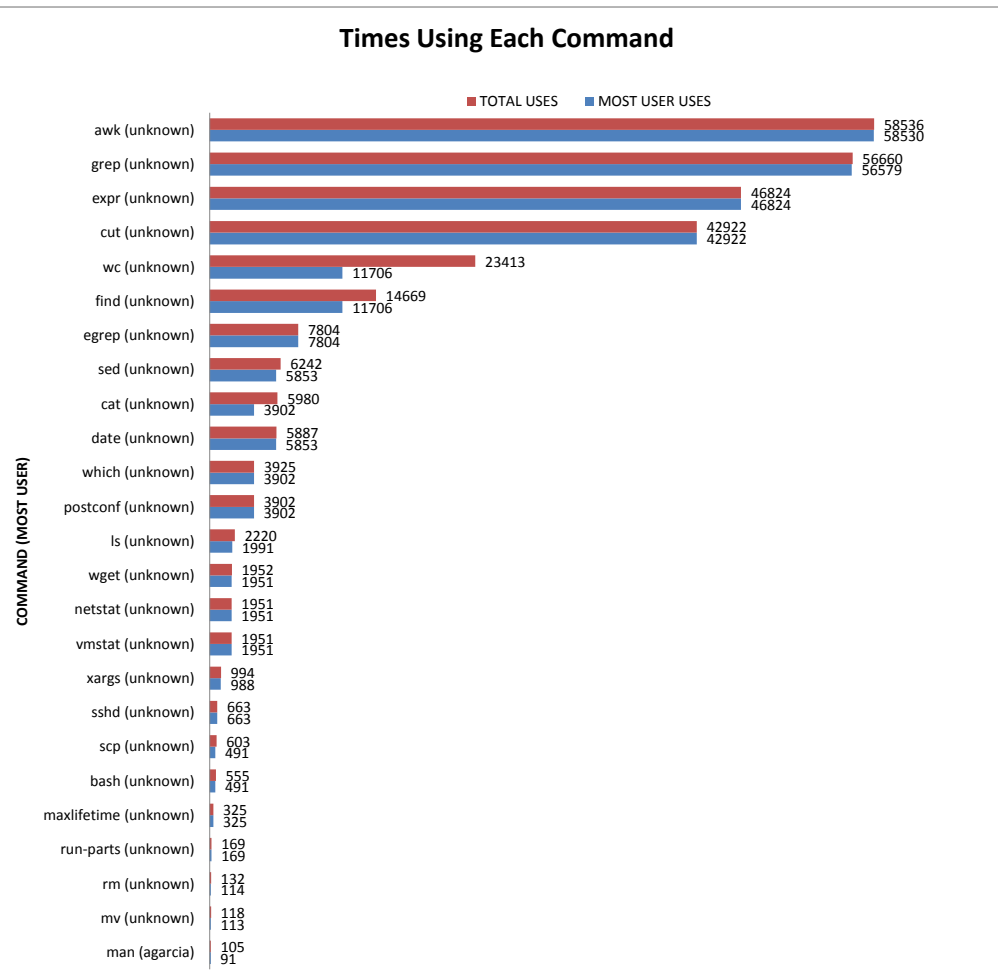
Limited to 10 entries and Ordered by the average parameters used commands.



<u>COMMAND (MOST USER)</u>	<u>MOST USER USES</u>	<u>TOTAL USES</u>
man (agarcia)	91	105
mv (unknown)	113	118
rm (unknown)	114	132
run-parts (unknown)	169	169
maxlifetime (unknown)	325	325
bash (unknown)	491	555
scp (unknown)	491	603
sshd (unknown)	663	663
xargs (unknown)	988	994
vmstat (unknown)	1951	1951
netstat (unknown)	1951	1951
wget (unknown)	1951	1952
ls (unknown)	1991	2220
postconf (unknown)	3902	3902
which (unknown)	3902	3925
date (unknown)	5853	5887
cat (unknown)	3902	5980
sed (unknown)	5853	6242
egrep (unknown)	7804	7804
find (unknown)	11706	14669
wc (unknown)	11706	23413
cut (unknown)	42922	42922
expr (unknown)	46824	46824
grep (unknown)	56579	56660
awk (unknown)	58530	58536

This graph shows number of times used each command

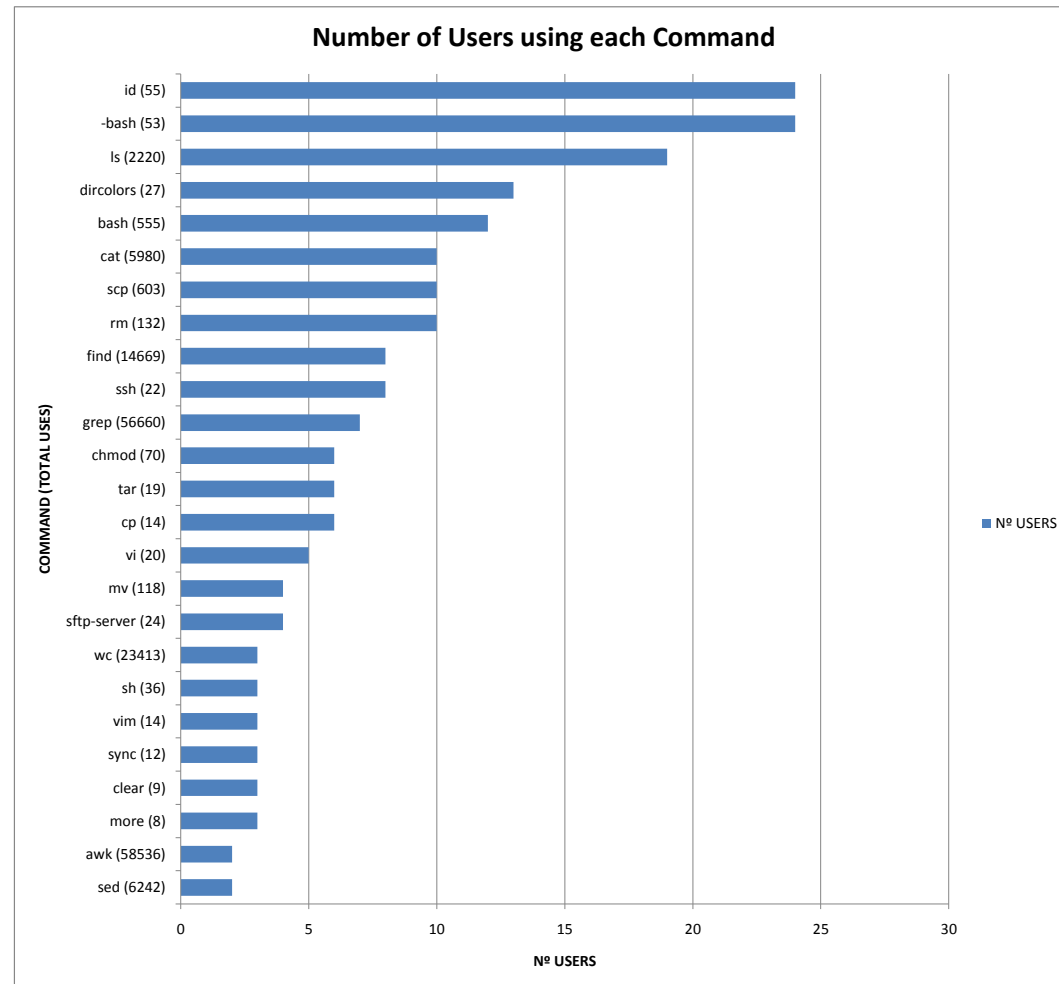
Also specifying the user who most used the command and the times using it.



<u>COMMAND (TOTAL USES)</u>	<u>Nº USERS</u>
sed (6242)	2
awk (58536)	2
more (8)	3
clear (9)	3
sync (12)	3
vim (14)	3
sh (36)	3
wc (23413)	3
sftp-server (24)	4
mv (118)	4
vi (20)	5
cp (14)	6
tar (19)	6
chmod (70)	6
grep (56660)	7
ssh (22)	8
find (14669)	8
rm (132)	10
scp (603)	10
cat (5980)	10
bash (555)	12
dircolors (27)	13
ls (2220)	19
-bash (53)	24
id (55)	24

This graph shows the number of different users using each command

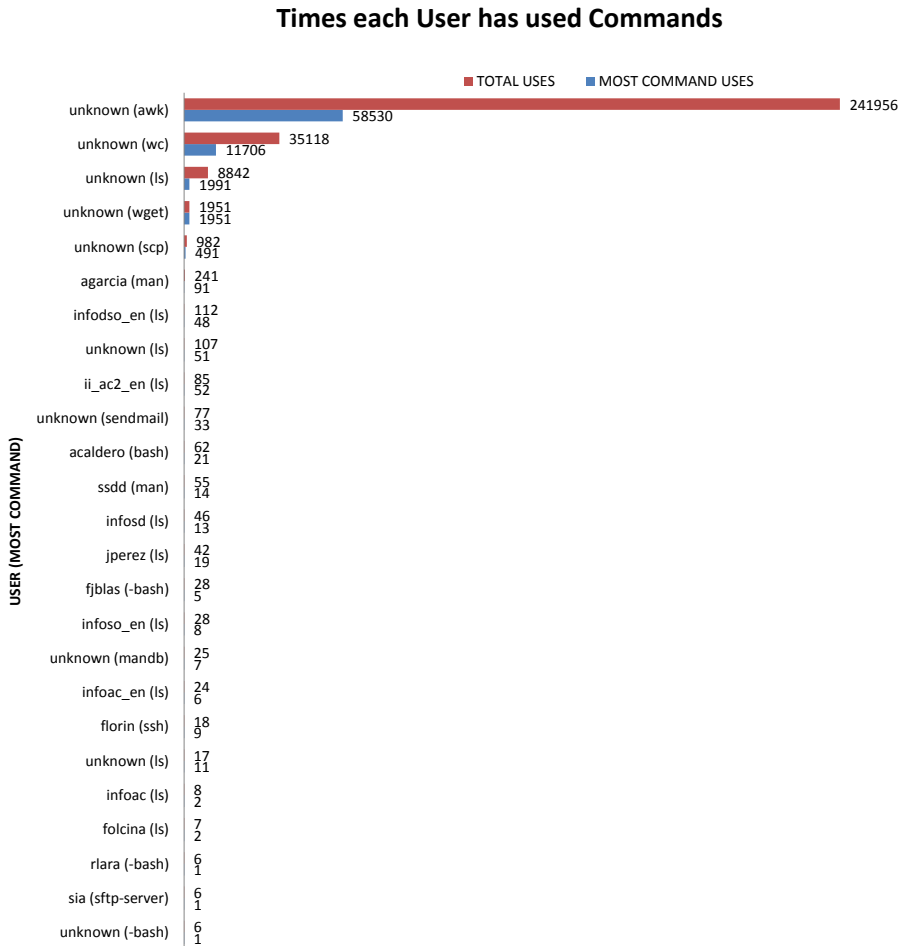
Also specifying the total uses for each command.



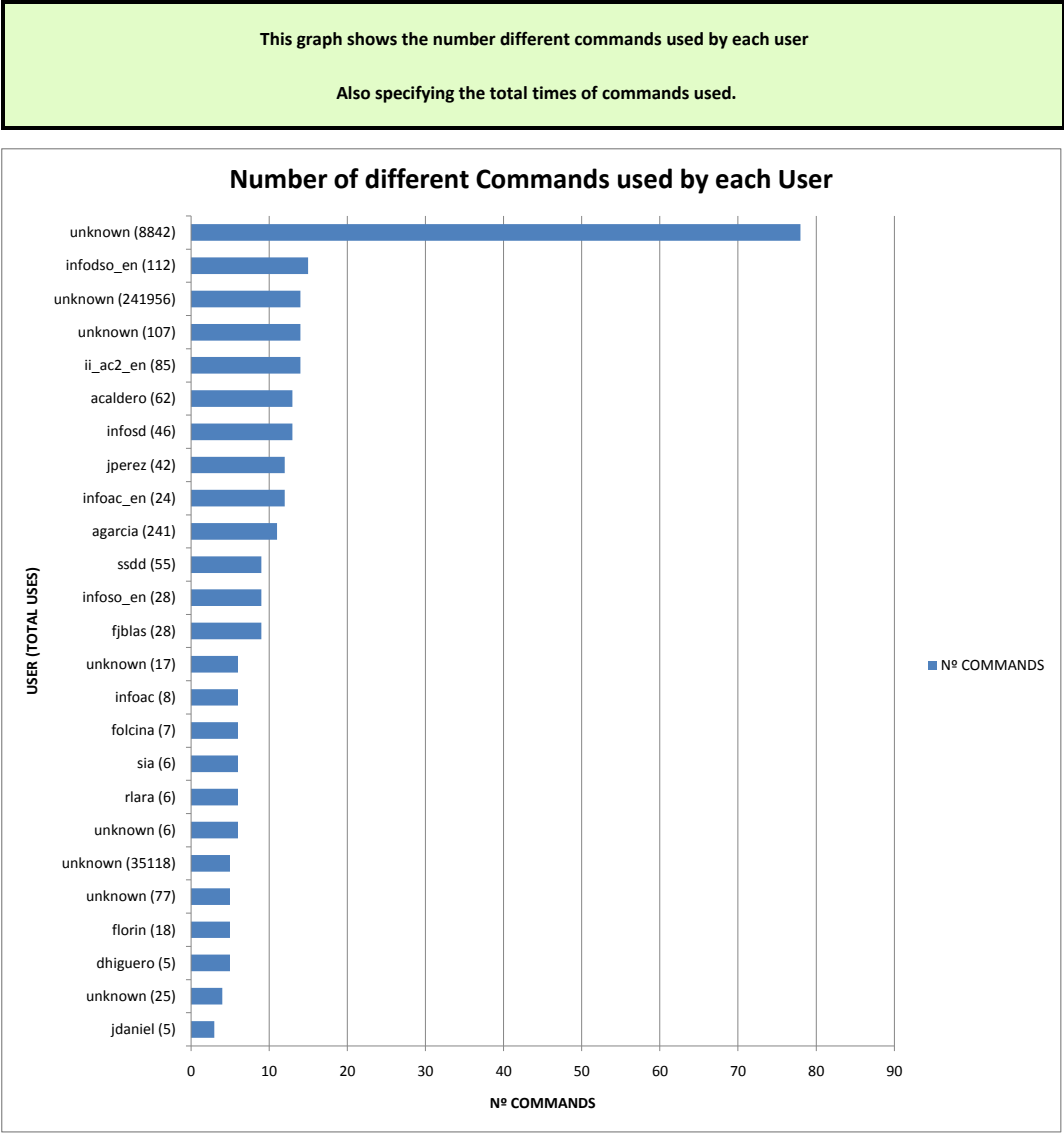
USER (MOST COMMAND)	MOST COMMAND USES	TOTAL USES
unknown (-bash)	1	6
sia (sftp-server)	1	6
rlara (-bash)	1	6
folcina (ls)	2	7
infoac (ls)	2	8
unknown (ls)	11	17
florin (ssh)	9	18
infoac_en (ls)	6	24
unknown (mandb)	7	25
infofo_en (ls)	8	28
fjblas (-bash)	5	28
jperez (ls)	19	42
infosd (ls)	13	46
ssdd (man)	14	55
acaldero (bash)	21	62
unknown (sendmail)	33	77
ii_ac2_en (ls)	52	85
unknown (ls)	51	107
infodso_en (ls)	48	112
agarcia (man)	91	241
unknown (scp)	491	982
unknown (wget)	1951	1951
unknown (ls)	1991	8842
unknown (wc)	11706	35118
unknown (awk)	58530	241956

This graph shows the number of times each user has used any command

Also specifying each user most used command and the times using it.



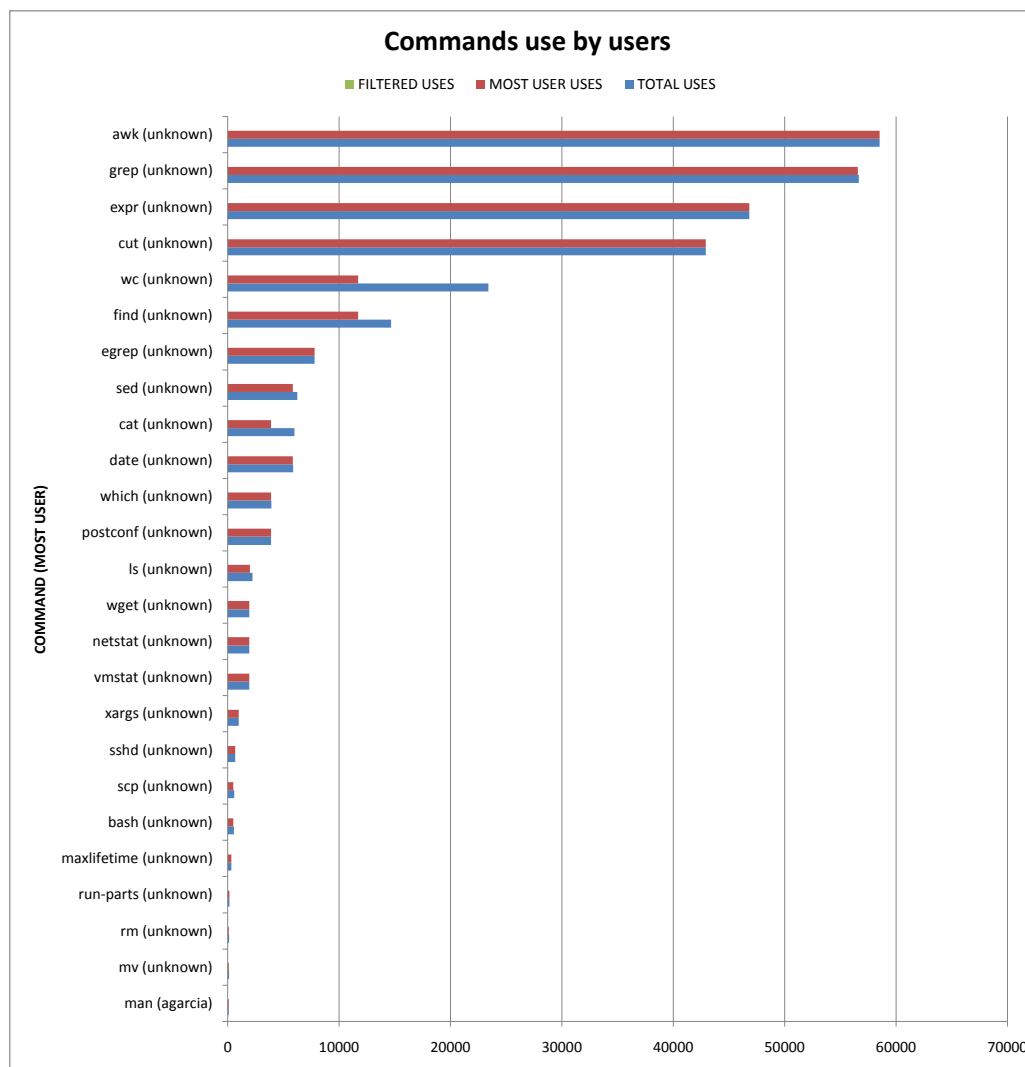
<u>USER (TOTAL USES)</u>	<u>Nº COMMANDS</u>
jdaniel (5)	3
unknown (25)	4
dhiguero (5)	5
florin (18)	5
unknown (77)	5
unknown (35118)	5
unknown (6)	6
rlara (6)	6
sia (6)	6
folcina (7)	6
infoac (8)	6
unknown (17)	6
fjblas (28)	9
infoso_en (28)	9
ssdd (55)	9
agarcia (241)	11
infoac_en (24)	12
jperez (42)	12
infosd (46)	13
acaldero (62)	13
ii_ac2_en (85)	14
unknown (107)	14
unknown (241956)	14
infodso_en (112)	15
unknown (8842)	78



<u>COMMAND (MOST USER)</u>	<u>TOTAL USES</u>	<u>MOST USER USES</u>	<u>FILTERED USES</u>
man (agarcia)	105	91	0
mv (unknown)	118	113	0
rm (unknown)	132	114	0
run-parts (unknown)	169	169	0
maxlifetime (unknown)	325	325	0
bash (unknown)	555	491	0
scp (unknown)	603	491	0
sshd (unknown)	663	663	0
xargs (unknown)	994	988	0
vmstat (unknown)	1951	1951	0
netstat (unknown)	1951	1951	0
wget (unknown)	1952	1951	0
ls (unknown)	2220	1991	0
postconf (unknown)	3902	3902	0
which (unknown)	3925	3902	0
date (unknown)	5887	5853	0
cat (unknown)	5980	3902	0
sed (unknown)	6242	5853	0
egrep (unknown)	7804	7804	0
find (unknown)	14669	11706	0
wc (unknown)	23413	11706	0
cut (unknown)	42922	42922	0
expr (unknown)	46824	46824	0
grep (unknown)	56660	56579	0
awk (unknown)	58536	58530	0

This graph shows the commands used by a specific user

Also specifying each command use for all users and for the user who most used it.



<u>USER (MOST COMMAND)</u>	<u>TOTAL USES</u>	<u>MOST COMMAND USES</u>	<u>FILTERED USES</u>
unknown (sftp-server)	2	1	0
jdaniel (-bash)	5	2	0
sia (sftp-server)	6	1	0
folcina (ls)	7	2	0
infoac (ls)	8	2	0
unknown (ls)	17	11	0
florin (ssh)	18	9	0
infoac_en (ls)	24	6	0
unknown (mandb)	25	7	0
fjblas (-bash)	28	5	0
infofo_en (ls)	28	8	0
jperez (ls)	42	19	0
infosd (ls)	46	13	0
ssdd (man)	55	14	0
acaldero (bash)	62	21	0
unknown (sendmail)	77	33	0
ii_ac2_en (ls)	85	52	0
unknown (ls)	107	51	0
infodso_en (ls)	112	48	0
agarcia (man)	241	91	0
unknown (scp)	982	491	0
unknown (wget)	1951	1951	0
unknown (ls)	8842	1991	0
unknown (wc)	35118	11706	0
unknown (awk)	241956	58530	0

This graph shows the users using a specific command

Also specifying each user total commands times and most used command.

