

Monthly Reporting

Report from 01 June 2018 to 30 June 2018

Report for Resource Pool XC on ARCHER

A total of 0 kAU were available during this period.

Use and Allocations (by Project)

In the following table, Charged refers to usage which was charged against the project Allocation; whereas Used refers to usage including uncharged time. Uncharged time can arise from use of the Low Priority queue and/or during times when charging is disabled on the service.

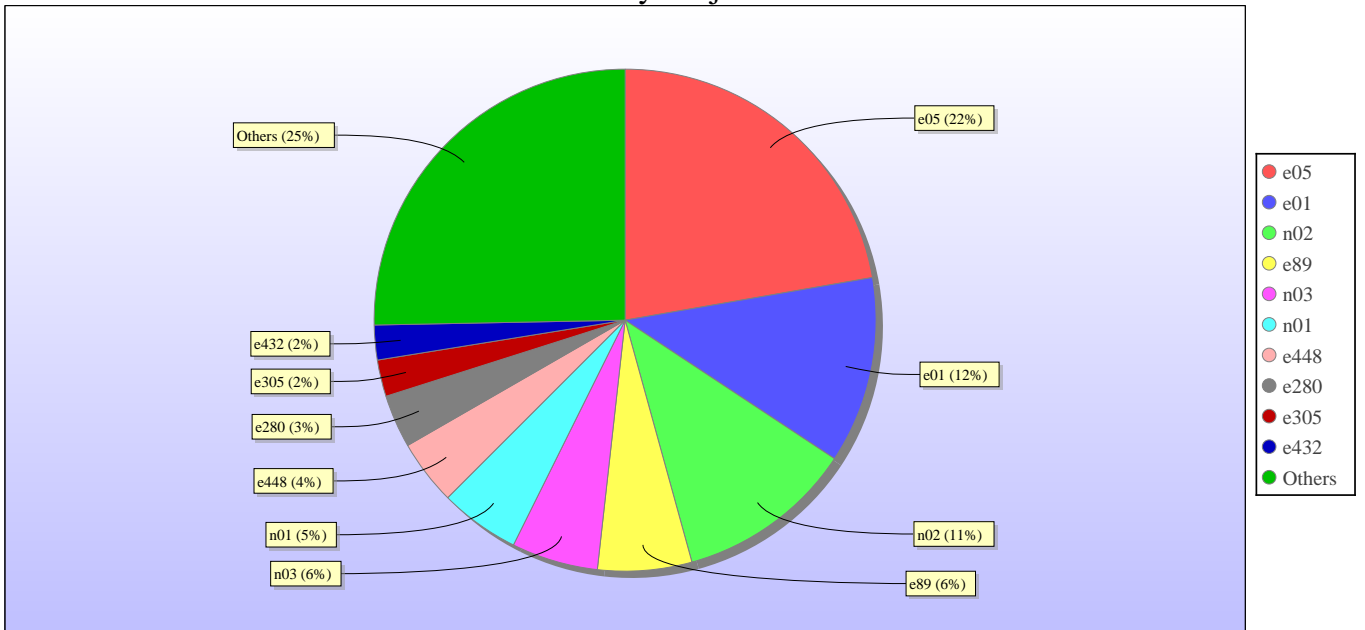
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend profile of the total Allocation. If the usage for a project is not linear across the full Allocation period the the Use can be larger than the extrapolated Allocation.

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs
e01	Consortia	1,740	126,699.5		128,079.1		0.0
e05	Consortia	11,639	208,597.4		237,425.2		0.0
e89	Consortia	3,379	60,400.8		64,549.3		0.0
e280	Consortia	993	36,369.2		36,369.2		0.0
e281	Consortia	253	12,037.3		12,038.9		0.0
e283	Consortia	1,063	9,819.0		9,819.0		0.0
e305	Consortia	577	25,120.8		25,122.9		0.0
e529	Consortia	35	2,841.7		2,846.3		0.0
e585	Consortia	208	3,999.6		3,999.6		0.0
e462	Leadership Awards	252	8,909.8		8,948.2		0.0
e464	Leadership Awards	392	10,567.5		10,567.5		0.0
e507	Leadership Awards	355	2,108.0		2,108.0		0.0
e510	Leadership Awards	31	2,770.3		2,770.3		0.0
e572	Leadership Awards	488	3,413.9		3,413.9		0.0
c01	Class1a	1,904	6,960.2		6,960.2		0.0
e291	Class1a	4	1.7		1.7		0.0
e332	Class1a	3	0.1		0.1		0.0
e365	Class1a	33	544.5		544.5		0.0
e375	Class1a	15	2,675.0		2,675.0		0.0
e403	Class1a	292	3,181.2		3,181.2		0.0
e429	Class1a	13	2,336.8		2,336.8		0.0
e431	Class1a	54	44.9		44.9		0.0
e432	Class1a	431	23,836.1		23,836.1		0.0
e448	Class1a	2,280	44,611.2		44,611.2		0.0
e480	Class1a	17	1,755.5		1,755.5		0.0
e513	Class1a	7	0.2		0.2		0.0
e515	Class1a	53	1,902.5		1,902.5		0.0
e516	Class1a	190	9,467.9		9,467.9		0.0
e519	Class1a	77	7,412.0		7,412.0		0.0
e520	Class1a	125	15,945.9		15,945.9		0.0
e523	Class1a	10	6,058.3		6,058.3		0.0
e530	Class1a	22	665.3		665.3		0.0
e537	Class1a	25	353.0		353.0		0.0
e569	Class1a	25	1,560.7		1,560.7		0.0
e575	Class1a	151	850.2		850.2		0.0
e588	Class1a	61	1,912.6		1,912.6		0.0
e554	Class1b	32	4.1		4.1		0.0

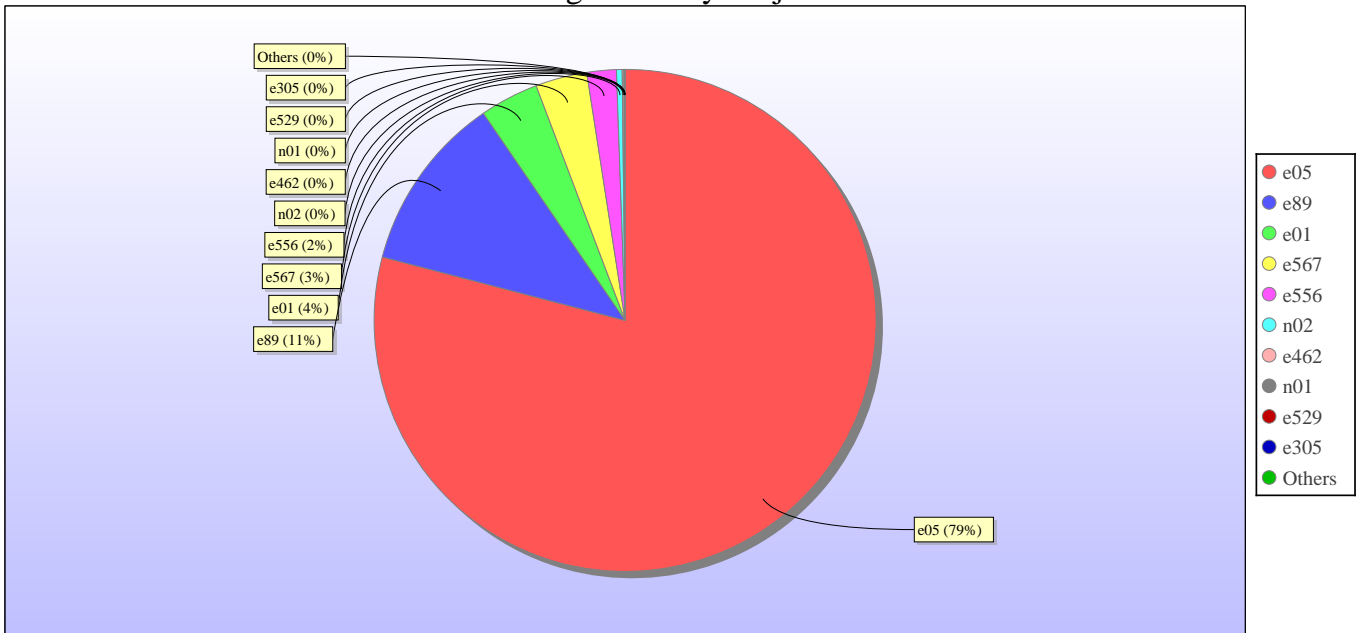
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs
e348	Direct Access: ARCHER RAP	58	670.9		670.9		0.0
e484	Direct Access: ARCHER RAP	7	2,079.5		2,079.5		0.0
e541	Direct Access: ARCHER RAP	254	6,532.8		6,532.8		0.0
e542	Direct Access: ARCHER RAP	78	1,049.1		1,049.1		0.0
e543	Direct Access: ARCHER RAP	45	2,477.6		2,477.6		0.0
e545	Direct Access: ARCHER RAP	141	527.5		527.5		0.0
e547	Direct Access: ARCHER RAP	633	13,021.0		13,021.0		0.0
e548	Direct Access: ARCHER RAP	135	1,379.2		1,379.2		0.0
e550	Direct Access: ARCHER RAP	500	1,195.4		1,195.4		0.0
e552	Direct Access: ARCHER RAP	39	6,924.3		6,924.3		0.0
e553	Direct Access: ARCHER RAP	197	3,054.8		3,054.8		0.0
e564	Direct Access: ARCHER RAP	78	8,470.5		8,470.5		0.0
e565	Direct Access: ARCHER RAP	800	10,790.5		10,790.5		0.0
e566	Direct Access: ARCHER RAP	165	10,589.3		10,589.3		0.0
e567	Direct Access: ARCHER RAP	13	2,782.4		3,993.4		0.0
e576	Instant Access	74	173.5		173.5		0.0
e581	Instant Access	3	79.4		79.4		0.0
e582	Instant Access	22	10.6		10.6		0.0
e587	Instant Access	30	595.9		595.9		0.0
e591	Instant Access	11	250.5		250.5		0.0
e594	Instant Access	36	115.1		115.1		0.0
e538	Training	5	5.7		5.7		0.0
e556	Training	17	0.0		691.7		0.0
e573	Training	313	885.3		885.3		0.0
e589	Training	579	3,193.8		3,194.3		0.0
z17	Service	39	5,997.7		5,997.7		0.0
EPSRC Total		31,501	728,586.9		764,892.8		0.0
n01	Consortia	7,278	56,105.2		54,947.5		0.0
n02	Consortia	20,924	121,434.5		121,567.3		0.0
n03	Consortia	2,382	59,371.8		59,372.2		0.0
NERC Total		30,584	236,911.4		235,887.0		0.0
e568	Research	353	9,475.2		9,475.2		0.0
BBSRC Total		353	9,475.2		9,475.2		0.0
pr1u1452	DECI: EXEC	73	2,857.7		2,857.7		0.0
pr1u1453	DECI: EXEC	1	5.4		5.4		0.0
pr1u1455	DECI: EXEC	58	431.4		431.4		0.0
pr1u1456	DECI: EXEC	72	18,695.7		18,695.7		0.0
PRACE Total		204	21,990.2		21,990.2		0.0
ecse0910	eCSE	14	1.1		1.1		0.0
ecse1002	eCSE	8	201.3		201.3		0.0
ecse1012	eCSE	9	8.7		8.7		0.0
ecse1109	eCSE	7	0.3		0.3		0.0
ecse1209	eCSE	59	0.9		0.9		0.0
eCSE Total		97	212.3		212.3		0.0
d43	ECDF	18	171.0		171.0		0.0
d56	Research	35	7,612.1		7,612.1		0.0
d67	Research	2	0.3		0.3		0.0
d88	Research	7	1.8		1.8		0.0
d100	Research	79	438.4		438.4		0.0

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs
d101	Research	106	468.9		468.9		0.0
d107	Research	139	325.5		325.5		0.0
d114	Research	582	12,262.3		12,262.5		0.0
d137	Research	334	1,111.1		1,111.1		0.0
d142	Research	4	52.5		52.5		0.0
d143	Research	20	387.3		387.3		0.0
d150	Research	80	2,937.9		2,937.9		0.0
d155	Research	890	2,556.5		2,556.5		0.0
d166	Research	51	602.8		602.8		0.0
d153	Industrial	333	190.5		190.8		0.0
i20	Industrial	13	9.1		9.1		0.0
d104	Training	501	28.7		28.7		0.0
d154	Training	204	27.3		27.3		0.0
d131	Service	63	194.6		194.6		0.0
w16	Service	24	603.7		603.7		0.0
y02	Service	6	0.4		0.5		0.0
y07	Service	37	0.0		0.0		0.0
z02	Service	1	0.0		0.0		0.0
z99	Service	24	0.7		0.7		0.0
DirectorsTime Total		3,553	29,983.3		29,983.8		0.0
y14	Training	1,410	1,181.0		867.1		0.0
z19	Service	437	2,237.0		2,237.0		0.0
CSE Total		1,847	3,418.0		3,104.1		0.0
Total		68,139	1,030,577.2		1,065,545.5		0.0

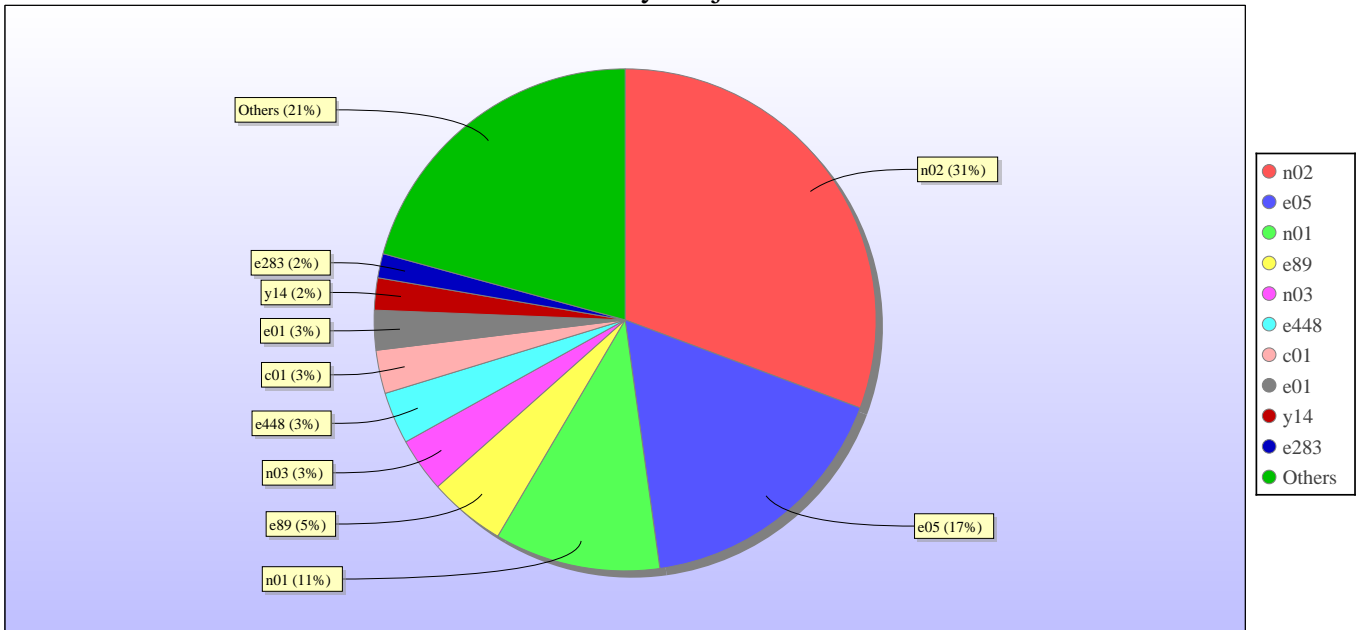
Use by Project



Uncharged Use by Project



Jobs by Project

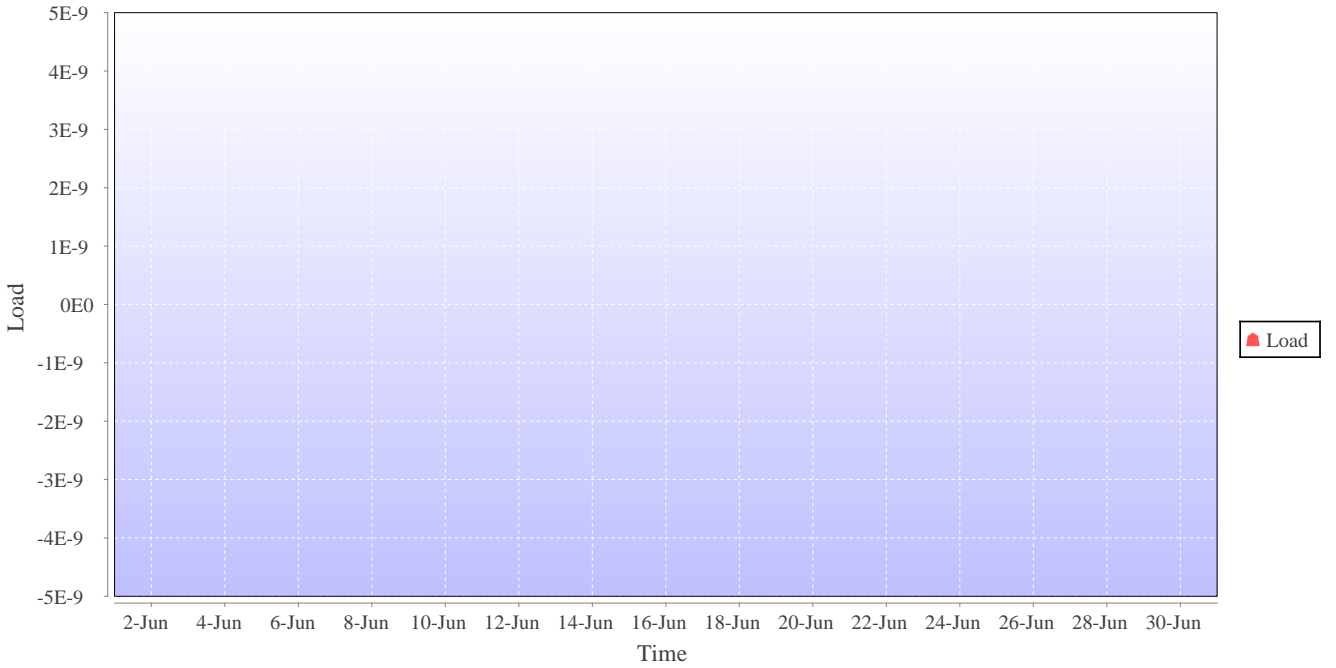


kAUs (by Size)

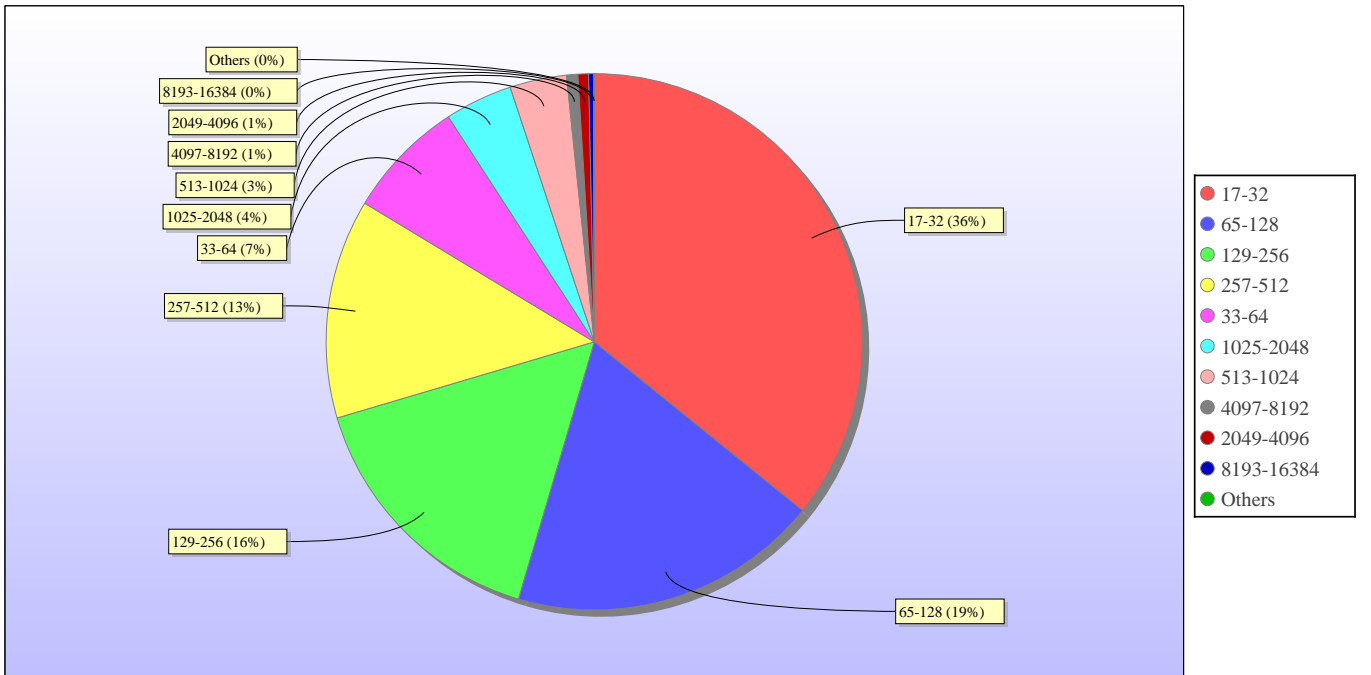
Size	kAUs	Number of Jobs
17-32	14,580.721	24,411
33-64	15,496.777	4,903
65-128	69,968.263	12,764
129-256	133,484.999	10,801
257-512	216,352.276	9,012
513-1024	143,135.958	2,329
1025-2048	213,077.38	2,782
2049-4096	106,207.529	436
4097-8192	65,708.018	462
8193-16384	28,103.486	200
16385-32768	10,316.022	23

Size	kAUs	Number of Jobs
32769-65536	9,672.711	7

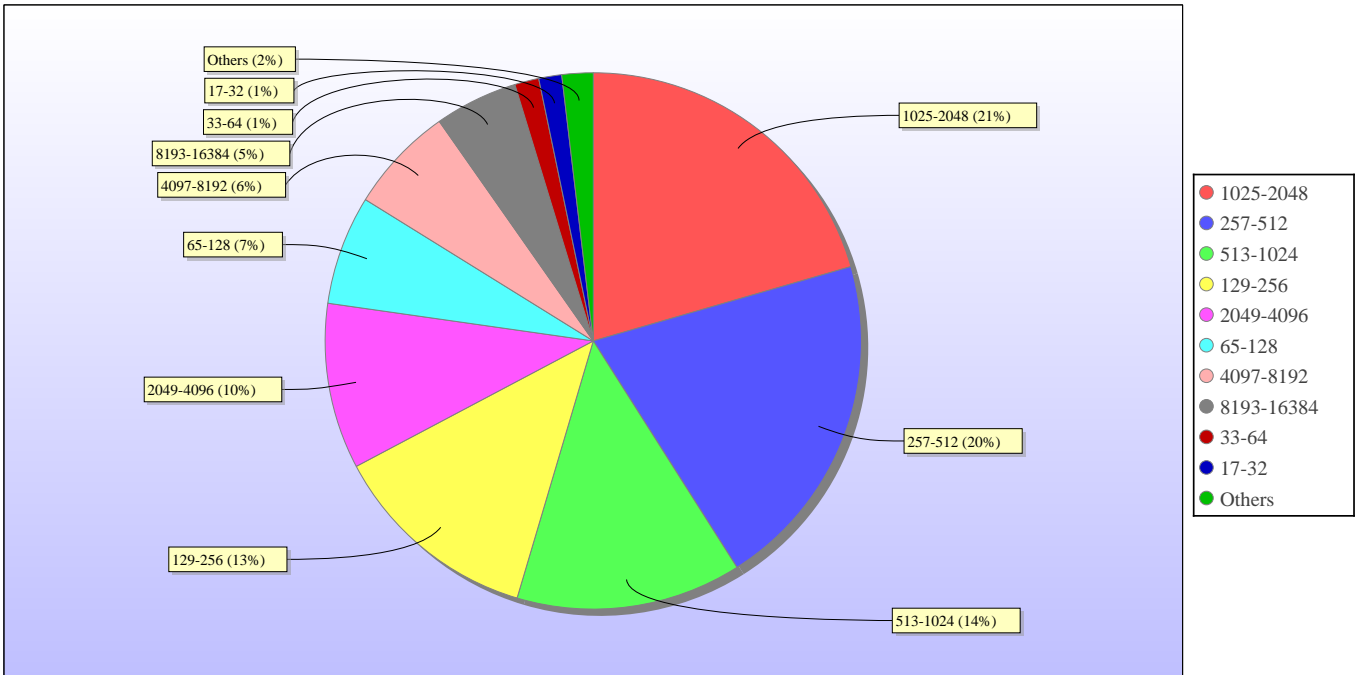
Load plots



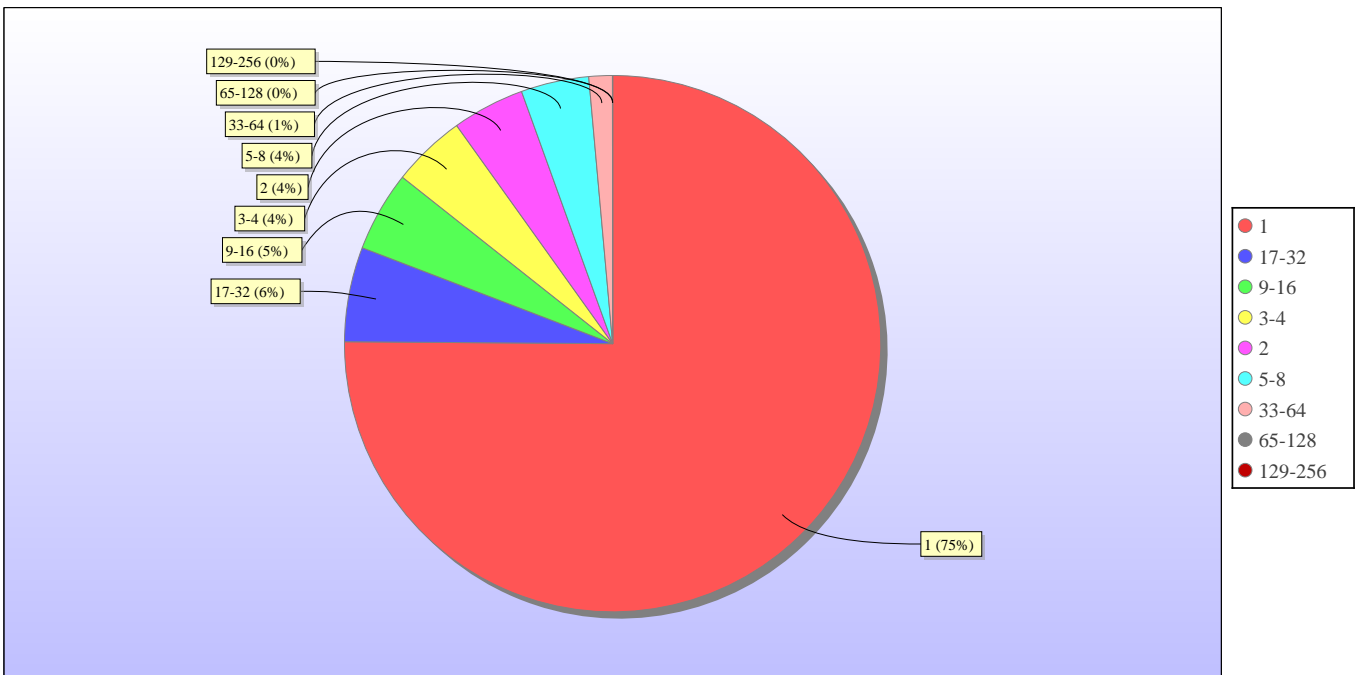
Percentage load on machine



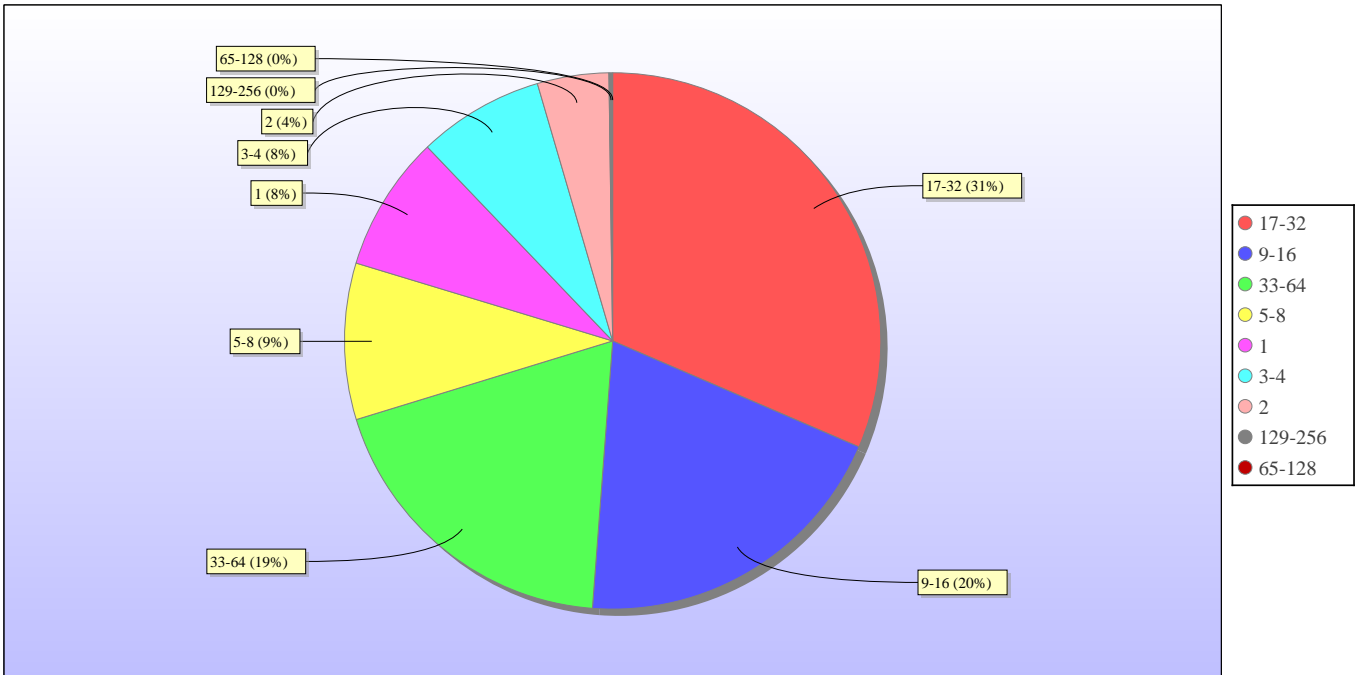
Jobs by Size



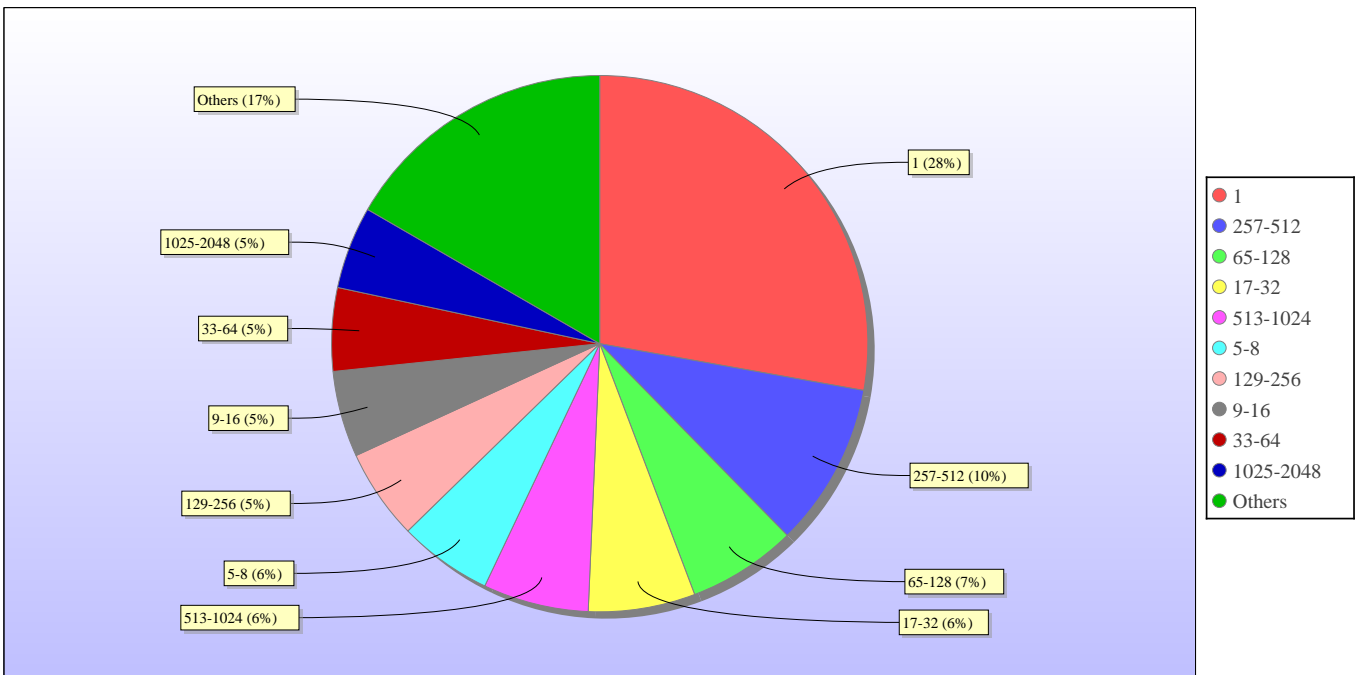
kAUs used by Size



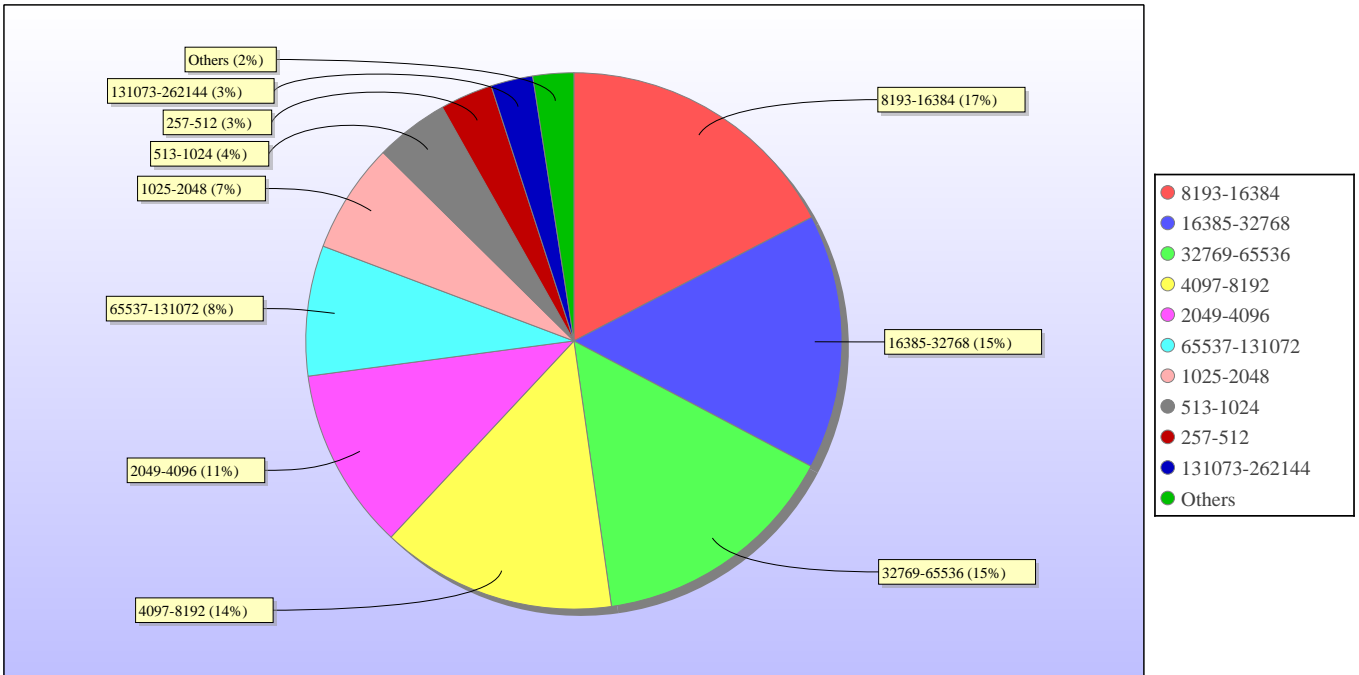
Jobs grouped by wall-clock-hours



kAUs used grouped by wall-clock-hours



Jobs grouped by core-hours

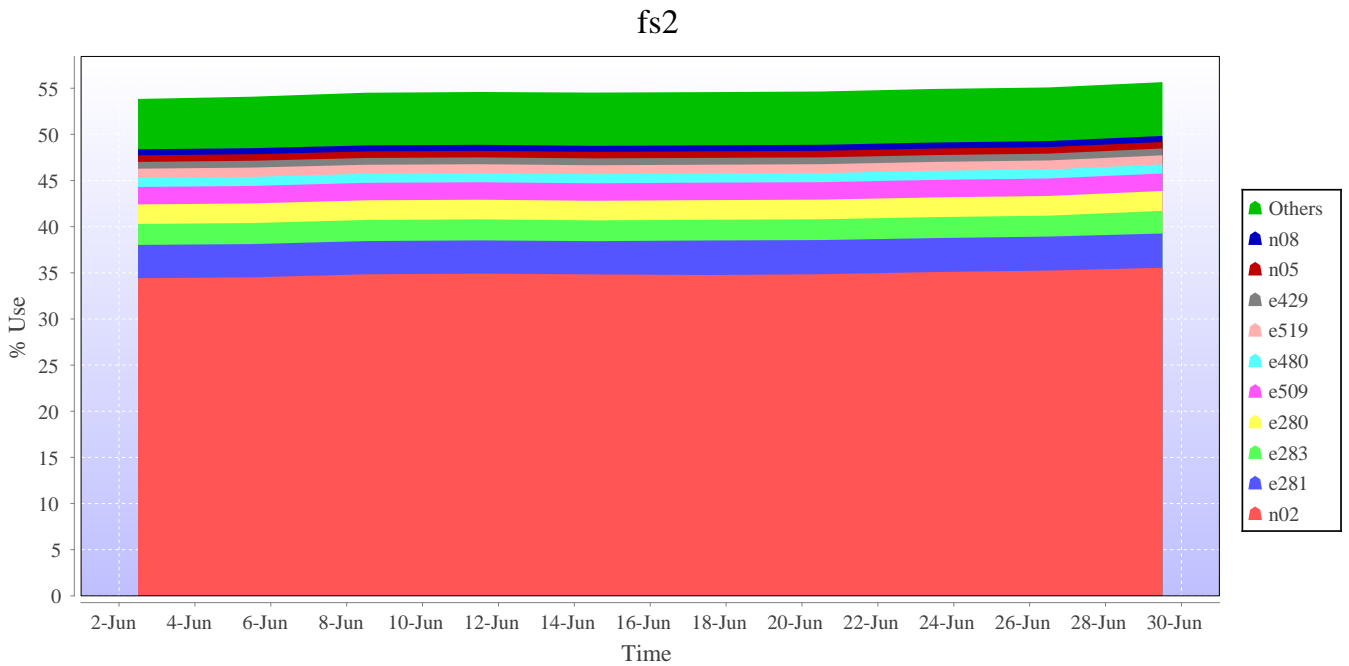


kAUs used grouped by core-hours

Disk usage

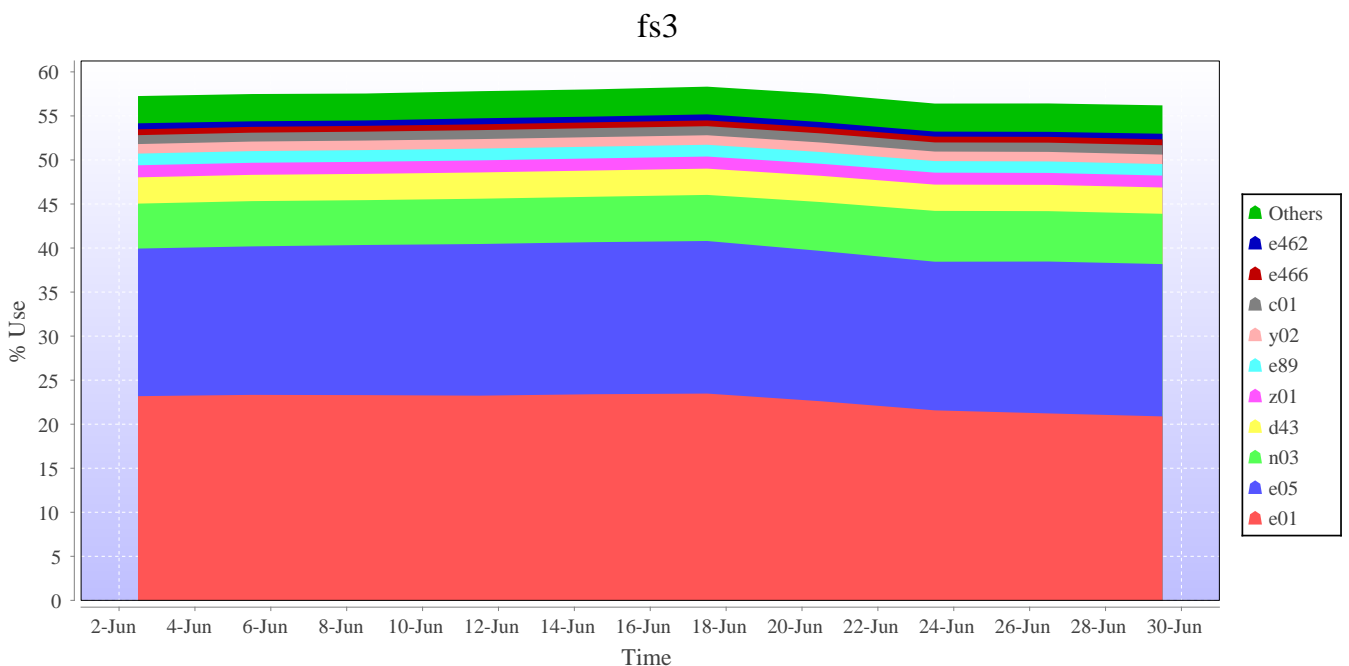
Disk usage for work (fs2)

This is a plot of Disk Use on fs2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



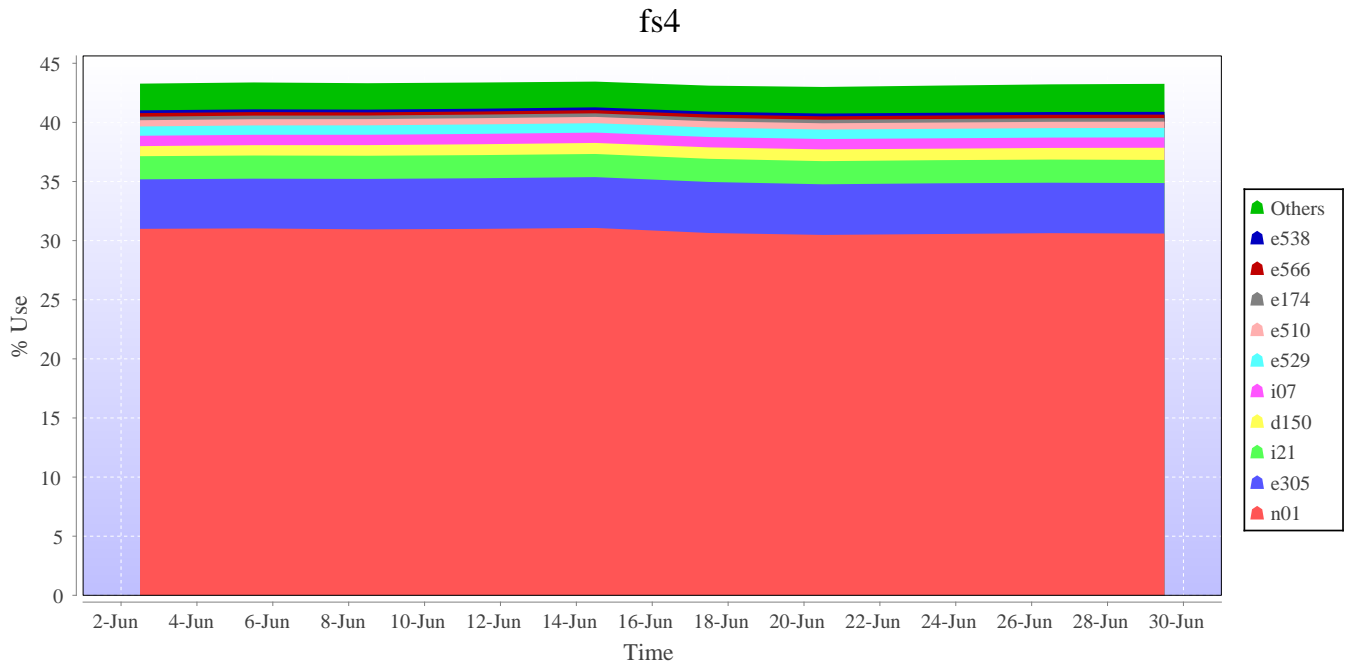
Disk usage for work (fs3)

This is a plot of Disk Use on fs3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



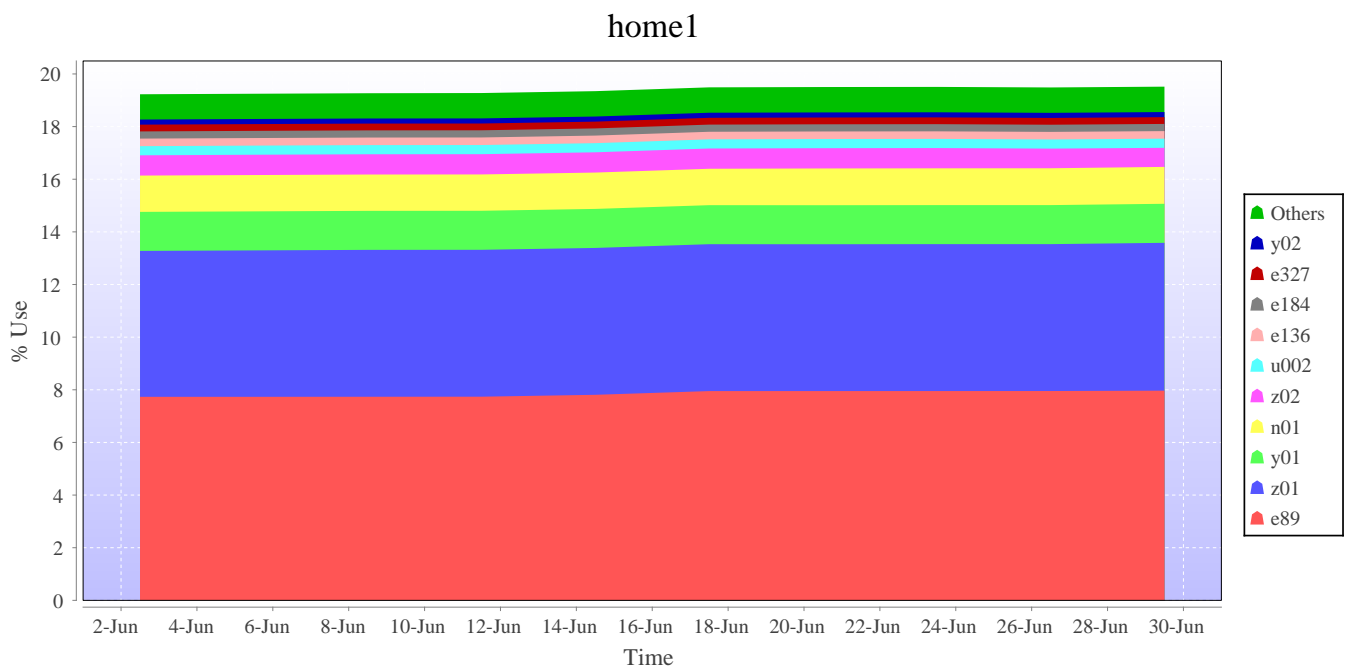
Disk usage for work (fs4)

This is a plot of Disk Use on fs4 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



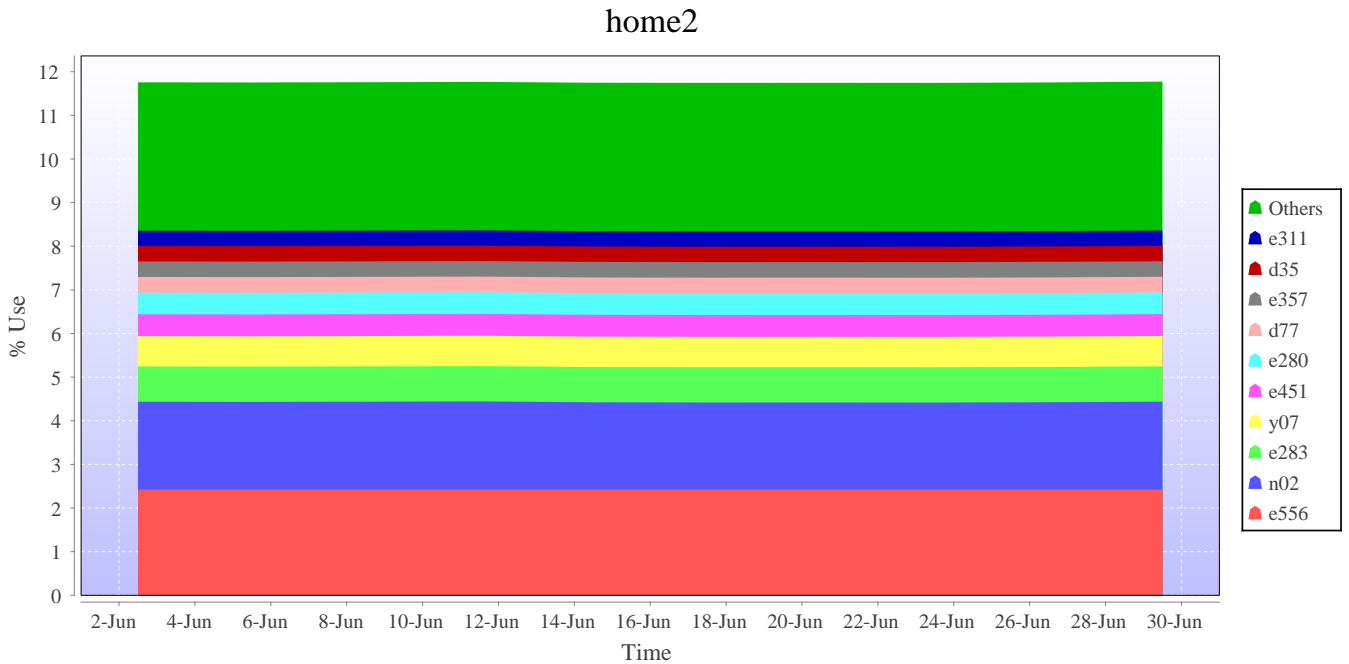
Disk usage for home (home1)

This is a plot of Disk Use on home1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



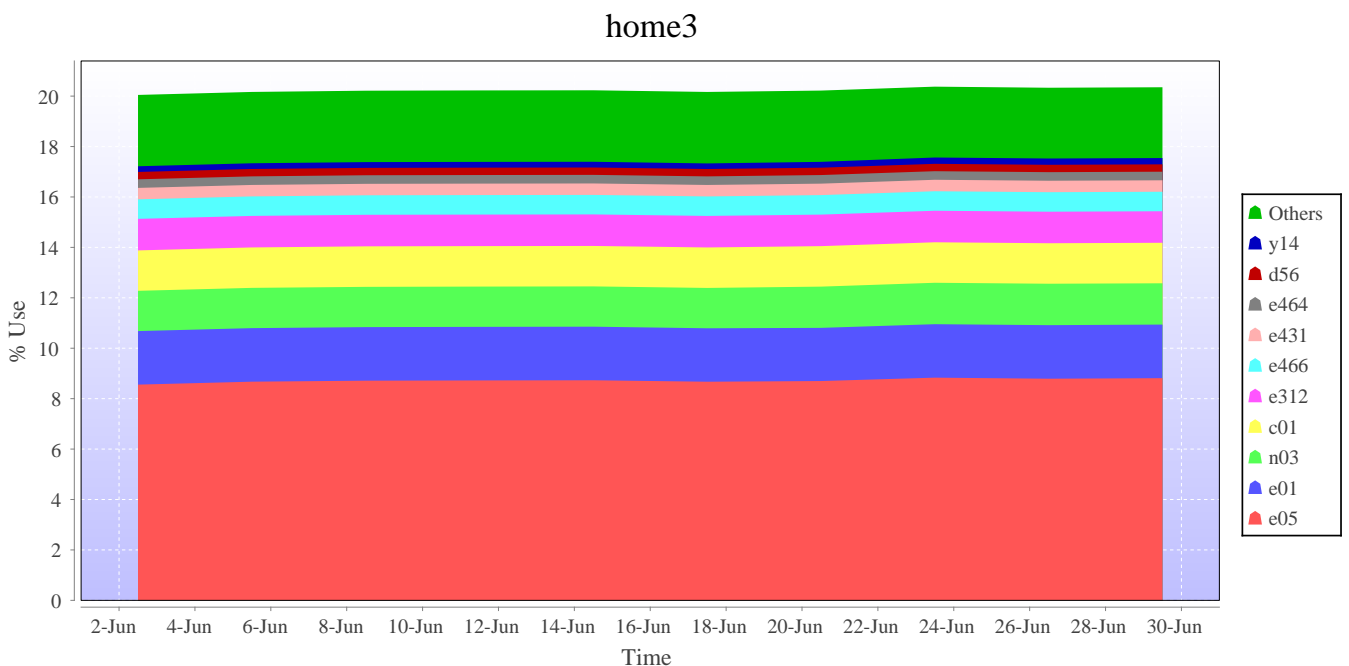
Disk usage for home (home2)

This is a plot of Disk Use on home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



Disk usage for home (home3)

This is a plot of Disk Use on home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



Disk usage for home (home4)

This is a plot of Disk Use on home4 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.

