

Monthly Reporting

Report from 01 October 2014 to 31 October 2014

Report for Resource Pool XC on ARCHER

A total of 806745.589 kAU were available during this period.

Use and Allocations (by Project)

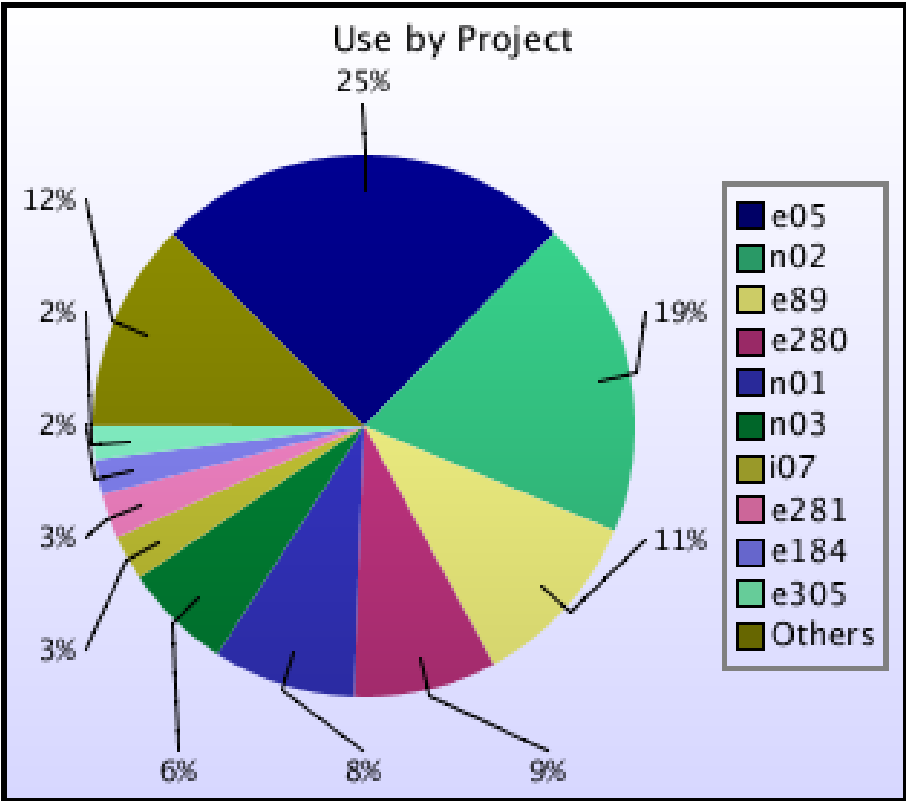
In the following table Charged refers to usage which was charged against the project Allocation. This excludes any usage discounted via incentive schemes. The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources.

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
e01	Consortia	194	2558.2	0.32%	8822.2	1.09%	6.45%
e05	Consortia	9047	186488.0	23.12%	188090.5	23.31%	18.08%
e89	Consortia	4550	81472.6	10.10%	81484.8	10.10%	8.84%
e280	Consortia	1371	62826.1	7.79%	64597.7	8.01%	3.72%
e281	Consortia	491	20216.9	2.51%	20216.9	2.51%	1.71%
e283	Consortia	919	6700.1	0.83%	6700.1	0.83%	1.41%
e305	Consortia	552	14912.8	1.85%	15106.0	1.87%	2.16%
c01	Class1a	317	734.8	0.09%	734.8	0.09%	0.39%
e10	Class1a	187	1953.9	0.24%	1953.9	0.24%	0.98%
e71	Class1a	31	28.9	0.00%	28.9	0.00%	0.32%
e110	Class1a	93	12200.4	1.51%	12200.4	1.51%	0.98%
e125	Class1a	49	617.5	0.08%	617.5	0.08%	0.43%
e155	Class1a	46	24.5	0.00%	24.6	0.00%	0.05%
e165	Class1a	0	0.0	0.00%	0.0	0.00%	0.05%
e174	Class1a	141	905.8	0.11%	905.9	0.11%	0.13%
e175	Class1a	74	328.1	0.04%	2197.0	0.27%	0.22%
e179	Class1a	114	2107.0	0.26%	2107.0	0.26%	0.52%
e182	Class1a	133	30.8	0.00%	30.8	0.00%	0.04%
e184	Class1a	483	15658.0	1.94%	15658.0	1.94%	0.90%
e187	Class1a	0	0.0	0.00%	0.0	0.00%	0.00%
e191	Class1a	68	469.4	0.06%	469.4	0.06%	0.23%
e202	Class1a	18	403.7	0.05%	403.7	0.05%	2.52%
e220	Class1a	28	156.1	0.02%	156.1	0.02%	0.06%
e228	Class1a	0	0.0	0.00%	0.0	0.00%	0.06%
e229	Class1a	21	128.2	0.02%	128.2	0.02%	0.06%
e266	Class1a	108	88.3	0.01%	518.5	0.06%	1.14%
e268	Class1a	0	0.0	0.00%	0.0	0.00%	0.06%
e272	Class1a	129	2981.4	0.37%	2981.4	0.37%	0.46%
e282	Class1a	24	3.2	0.00%	3.2	0.00%	0.09%
e290	Class1a	295	44.0	0.01%	44.0	0.01%	0.01%
e291	Class1a	0	0.0	0.00%	0.0	0.00%	0.10%
e300	Class1a	6	0.0	0.00%	0.0	0.00%	0.09%
e301	Class1a	0	0.0	0.00%	0.0	0.00%	0.11%
e304	Class1a	122	550.7	0.07%	550.7	0.07%	0.90%
e320	Class1a	0	0.0	0.00%	0.0	0.00%	0.28%
e330	Class1a	0	0.0	0.00%	0.0	0.00%	0.02%
e331	Class1a	0	0.0	0.00%	0.0	0.00%	0.18%
e332	Class1a	0	0.0	0.00%	0.0	0.00%	0.08%
e333	Class1a	55	34.2	0.00%	34.2	0.00%	0.56%
e336	Class1a	0	0.0	0.00%	0.0	0.00%	0.02%
e342	Class1a	0	0.0	0.00%	0.0	0.00%	0.07%
e343	Class1a	423	168.7	0.02%	168.8	0.02%	0.19%
e364	Class1a	0	0.0	0.00%	0.0	0.00%	0.10%
e365	Class1a	0	0.0	0.00%	0.0	0.00%	0.18%
e309	Direct Access: ARCHER RAP	8	142.1	0.02%	142.1	0.02%	0.13%
e310	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.41%
e312	Direct Access: ARCHER RAP	19	334.8	0.04%	334.8	0.04%	0.15%

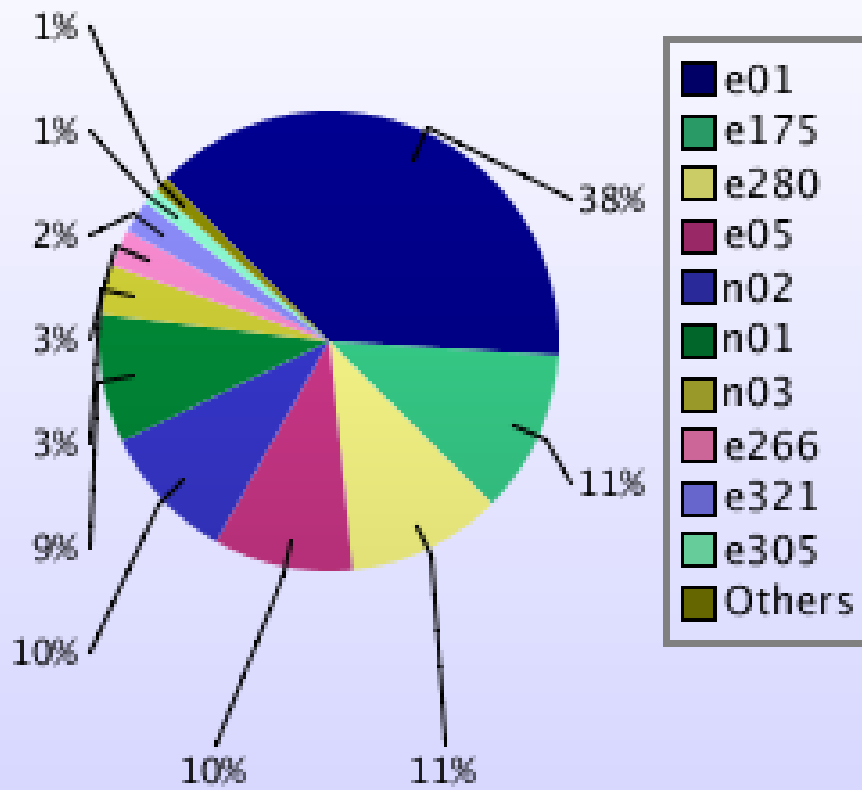
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
e313	Direct Access: ARCHER RAP	8	46.3	0.01%	46.3	0.01%	0.15%
e314	Direct Access: ARCHER RAP	16	1256.2	0.16%	1256.2	0.16%	0.20%
e316	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.07%
e317	Direct Access: ARCHER RAP	152	1379.4	0.17%	1379.4	0.17%	0.53%
e318	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.23%
e319	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.08%
e321	Direct Access: ARCHER RAP	47	381.4	0.05%	757.2	0.09%	0.21%
e323	Direct Access: ARCHER RAP	18	1408.7	0.17%	1408.7	0.17%	0.17%
e326	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.20%
e338	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.03%
e339	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.01%
e346	Direct Access: ARCHER RAP	78	2555.7	0.32%	2555.7	0.32%	0.13%
e347	Direct Access: ARCHER RAP	78	182.2	0.02%	182.2	0.02%	0.11%
e348	Direct Access: ARCHER RAP	307	2265.3	0.28%	2265.3	0.28%	0.49%
e349	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.11%
e350	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.62%
e351	Direct Access: ARCHER RAP	102	520.4	0.06%	520.4	0.06%	0.07%
e352	Direct Access: ARCHER RAP	389	663.9	0.08%	663.9	0.08%	0.20%
e354	Direct Access: ARCHER RAP	23	309.2	0.04%	309.2	0.04%	0.13%
e355	Direct Access: ARCHER RAP	49	42.4	0.01%	133.1	0.02%	0.33%
e356	Direct Access: ARCHER RAP	44	1865.9	0.23%	1865.9	0.23%	0.12%
e360	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.04%
e370	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.10%
e306	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e307	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e337	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e340	Instant Access	113	264.2	0.03%	264.2	0.03%	0.02%
e344	Instant Access	0	0.0	0.00%	0.0	0.00%	0.03%
e345	Instant Access	0	0.0	0.00%	0.0	0.00%	0.03%
e359	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e362	Instant Access	0	0.0	0.00%	0.0	0.00%	0.03%
e363	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e366	Instant Access	1	0.0	0.00%	0.0	0.00%	0.02%
e367	Instant Access	0	0.0	0.00%	0.0	0.00%	0.00%
e369	Instant Access	3	1.0	0.00%	1.0	0.00%	0.02%
e374	Instant Access	21	0.8	0.00%	0.8	0.00%	0.01%
r10	RDF: Pilot	0	0.0	0.00%	0.0	0.00%	0.00%
i07	Industrial	191	24940.8	3.09%	20577.6	2.55%	1.93%
EPSRC Total		21756	453352.9	56.20%	461599.2	57.22%	62.12%
n01	Consortia	6242	62808.7	7.79%	64275.3	7.97%	7.62%
n02	Consortia	12309	141579.1	17.55%	143153.3	17.74%	11.93%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
n03	Consortia	1795	48125.3	5.97%	48693.3	6.04%	5.34%
NERC Total		20346	252513.0	31.30%	256121.9	31.75%	24.89%
b14	Class1a	0	0.0	0.00%	0.0	0.00%	0.03%
b16	Class1a	19	721.3	0.09%	721.3	0.09%	0.05%
e329	Class1a	50	340.7	0.04%	340.7	0.04%	0.05%
BBSRC Total		69	1062.0	0.13%	1062.0	0.13%	0.13%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1103	DECI: EXEC	9	47.0	0.01%	47.0	0.01%	0.43%
pr1u1105	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.34%
pr1u1109	DECI: EXEC	626	9963.5	1.24%	10006.4	1.24%	0.32%
pr1u1110	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.18%
pr1u1111	DECI: EXEC	16	107.4	0.01%	107.4	0.01%	0.06%
pr1u1112	DECI: EXEC	271	5417.3	0.67%	5417.3	0.67%	0.27%
pr1u1113	DECI: EXEC	21	6581.7	0.82%	6581.7	0.82%	0.45%
pr1u1114	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.02%
pr1u1115	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.16%
pr1u1202	DECI: EXEC	327	4549.5	0.56%	4567.6	0.57%	0.68%
pr1u1204	DECI: EXEC	17	626.0	0.08%	626.0	0.08%	0.35%
pr1u1205	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.20%
pr1u1211	DECI: EXEC	50	342.2	0.04%	342.2	0.04%	0.18%
pr1u1212	DECI: EXEC	2	1.5	0.00%	1.5	0.00%	0.25%
pr1u1213	DECI: EXEC	22	1849.4	0.23%	1849.4	0.23%	0.16%
pr1u1214	DECI: EXEC	8	23.2	0.00%	23.2	0.00%	0.11%
pr1u1215	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.19%
pr1u1101	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1104	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1106	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1108	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1201	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1203	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1206	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1207	DECI: HOME	2	2.7	0.00%	2.7	0.00%	0.02%
pr1u1208	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1209	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1210	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u0000	Service	0	0.0	0.00%	0.0	0.00%	0.00%
PRACE Total		1371	29511.4	3.66%	29572.5	3.67%	4.36%
ecse0101	eCSE	6	0.8	0.00%	0.8	0.00%	0.01%
ecse0102	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0103	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0104	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0105	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0108	eCSE	568	8.7	0.00%	8.7	0.00%	0.01%
ecse0109	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0110	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0113	eCSE	40	22.6	0.00%	22.6	0.00%	0.01%
ecse0115	eCSE	59	1.5	0.00%	1.5	0.00%	0.01%
ecse0116	eCSE	145	147.4	0.02%	147.4	0.02%	0.02%
ecse0117	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0118	eCSE	15	146.7	0.02%	146.7	0.02%	0.01%
ecse0202	eCSE	62	0.2	0.00%	0.5	0.00%	0.01%
ecse0209	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0213	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr01	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr02	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr03	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr04	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr05	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr06	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr07	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr08	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr09	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr10	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%

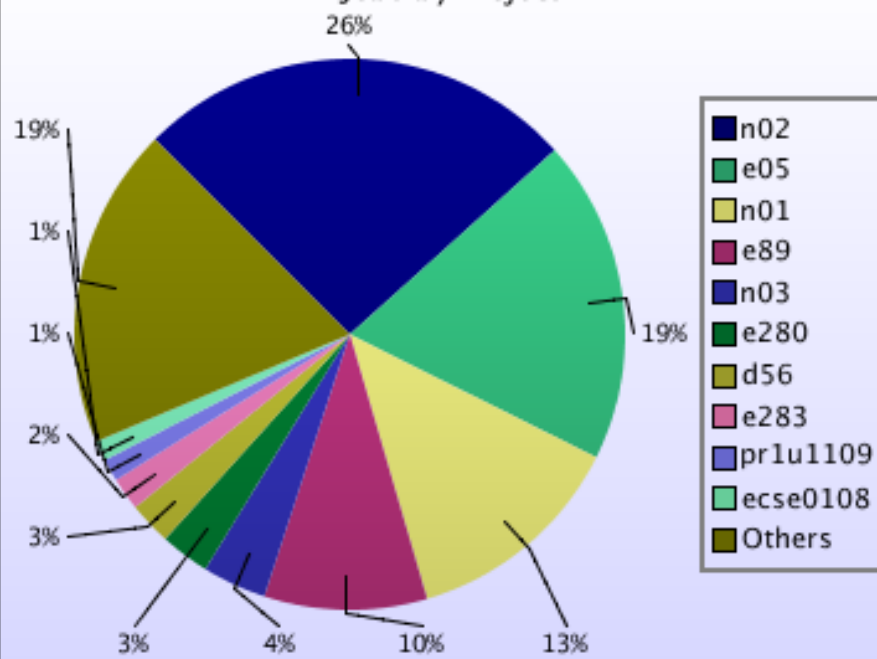
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
ecsepr11	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr12	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr13	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr14	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr15	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecseta01	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecseta02	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
eCSE Total		895	327.8	0.04%	328.1	0.04%	0.12%
d43	ECDF	12	1184.8	0.15%	1184.8	0.15%	1.29%
d25	Research	0	0.0	0.00%	0.0	0.00%	0.31%
d35	Research	278	11.5	0.00%	11.5	0.00%	0.00%
d37	Research	424	1397.0	0.17%	1397.0	0.17%	0.17%
d41	Research	0	0.0	0.00%	0.0	0.00%	0.09%
d56	Research	1208	3895.7	0.48%	3895.7	0.48%	0.38%
d57	Research	13	1.8	0.00%	1.8	0.00%	0.00%
d60	Research	0	0.0	0.00%	0.0	0.00%	0.01%
d61	Research	0	0.0	0.00%	0.0	0.00%	0.01%
d62	Research	18	22.2	0.00%	22.2	0.00%	0.06%
d63	Research	0	0.0	0.00%	0.0	0.00%	0.05%
d64	Research	0	0.0	0.00%	0.0	0.00%	0.04%
d65	Research	0	0.0	0.00%	0.0	0.00%	1.05%
d66	Research	0	0.0	0.00%	0.0	0.00%	0.00%
d67	Research	74	69.0	0.01%	69.0	0.01%	0.01%
d69	Research	20	17.7	0.00%	17.7	0.00%	0.01%
d70	Research	0	0.0	0.00%	0.0	0.00%	0.01%
d71	Research	8	77.7	0.01%	77.7	0.01%	0.08%
e324	Research	0	0.0	0.00%	0.0	0.00%	0.11%
d42	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i01	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i02	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i03	Industrial	0	0.0	0.00%	0.0	0.00%	0.20%
i04	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i06	Industrial	28	108.2	0.01%	108.2	0.01%	0.00%
i10	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i13	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i15	Industrial	193	123.0	0.02%	123.0	0.02%	0.08%
x06	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
x08	Industrial	37	87.4	0.01%	87.4	0.01%	0.01%
d59	Training	9	0.3	0.00%	0.3	0.00%	0.04%
d68	Training	137	14.6	0.00%	10.2	0.00%	0.05%
d39	Service	4	0.0	0.00%	0.0	0.00%	0.02%
i14	Service	0	0.0	0.00%	0.0	0.00%	0.11%
y01	Service	0	0.0	0.00%	0.0	0.00%	0.07%
y02	Service	12	48.0	0.01%	48.0	0.01%	0.10%
y07	Service	19	0.4	0.00%	0.5	0.00%	0.01%
z02	Service	24	4.1	0.00%	4.1	0.00%	0.05%
z99	Service	28	0.5	0.00%	0.5	0.00%	0.00%
DirectorsTime Total		2546	7064.0	0.88%	7059.8	0.88%	4.43%
cse01	Research	0	0.0	0.00%	0.0	0.00%	0.02%
y14	Training	216	82.2	0.01%	56.5	0.01%	0.04%
z01	Service	408	440.3	0.05%	440.7	0.05%	0.71%
CSE Total		624	522.5	0.06%	497.2	0.06%	0.77%
Total		47607	744353.7	92.27%	756240.8	93.74%	96.83%



Uncharged Use by Project



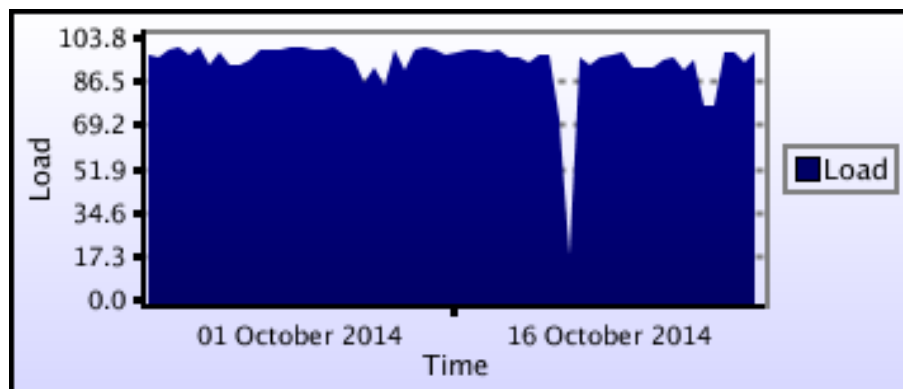
Jobs by Project



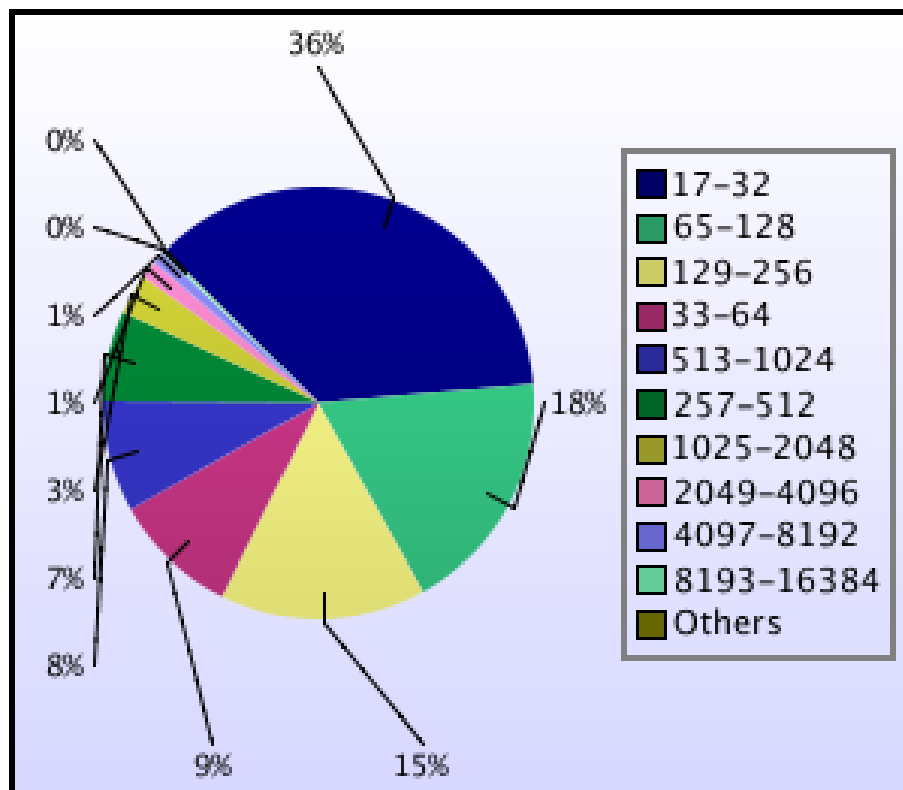
kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	8440.763	17192
33-64	14753.596	4505
65-128	49069.481	8705
129-256	79590.625	7349
257-512	85982.088	3246
513-1024	127265.344	3953
1025-2048	113996.33	1438
2049-4096	71305.66	646
4097-8192	145712.26	424
8193-16384	27872.721	109
16385-32768	6659.294	25
32769-65536	525.176	8

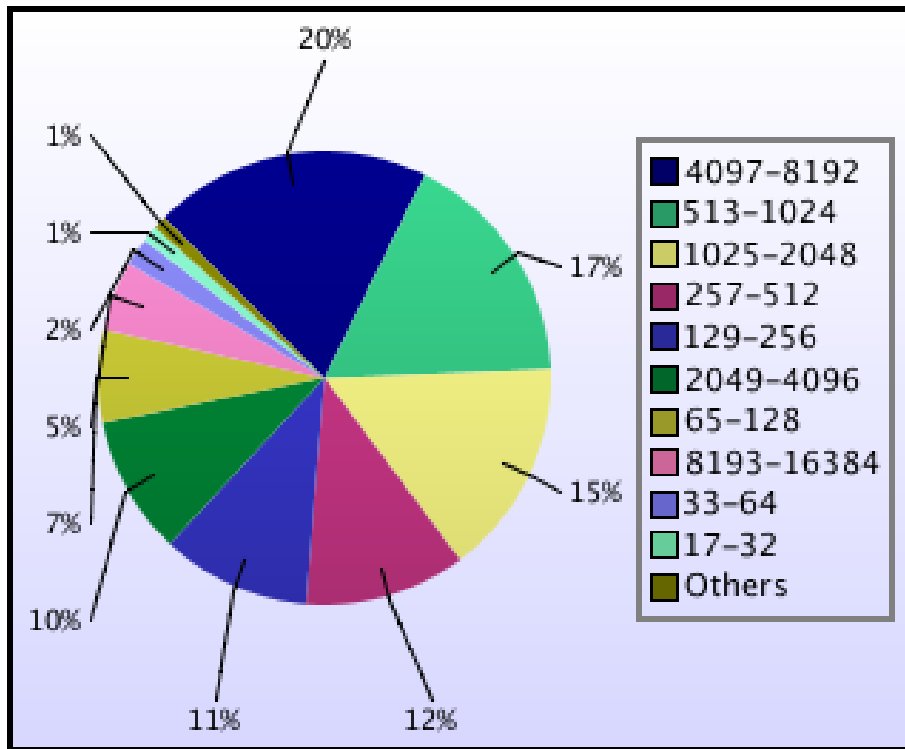
Load plots



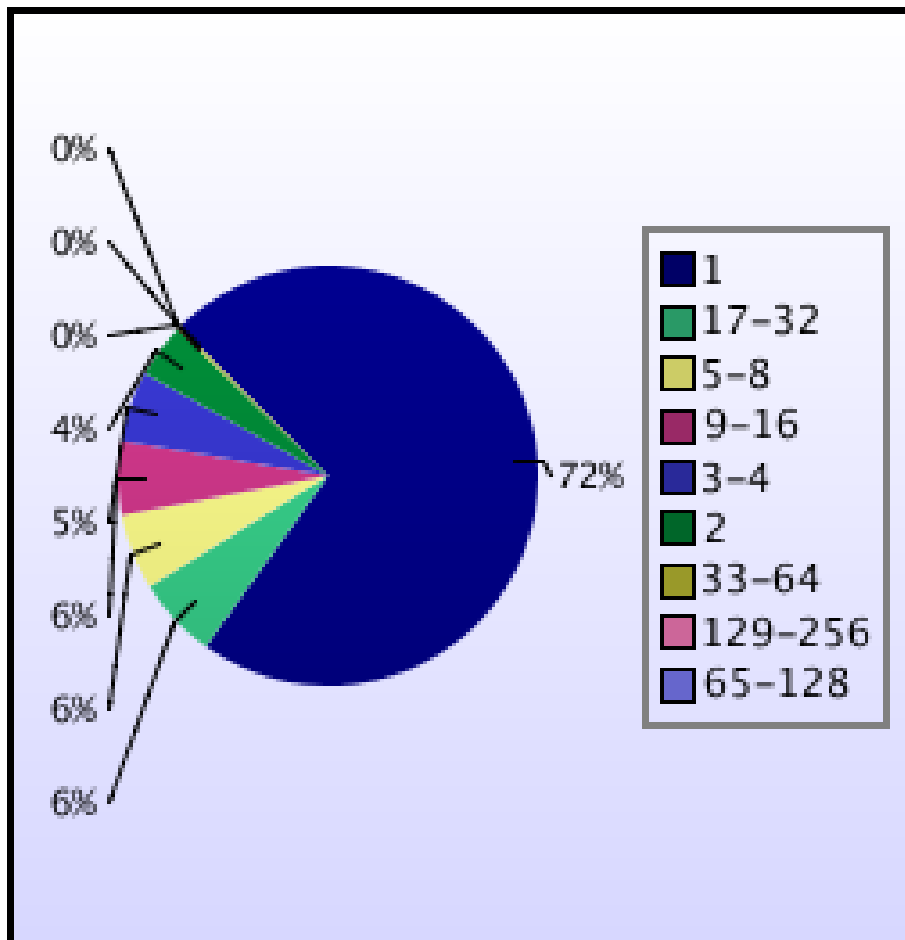
Percentage load on machine



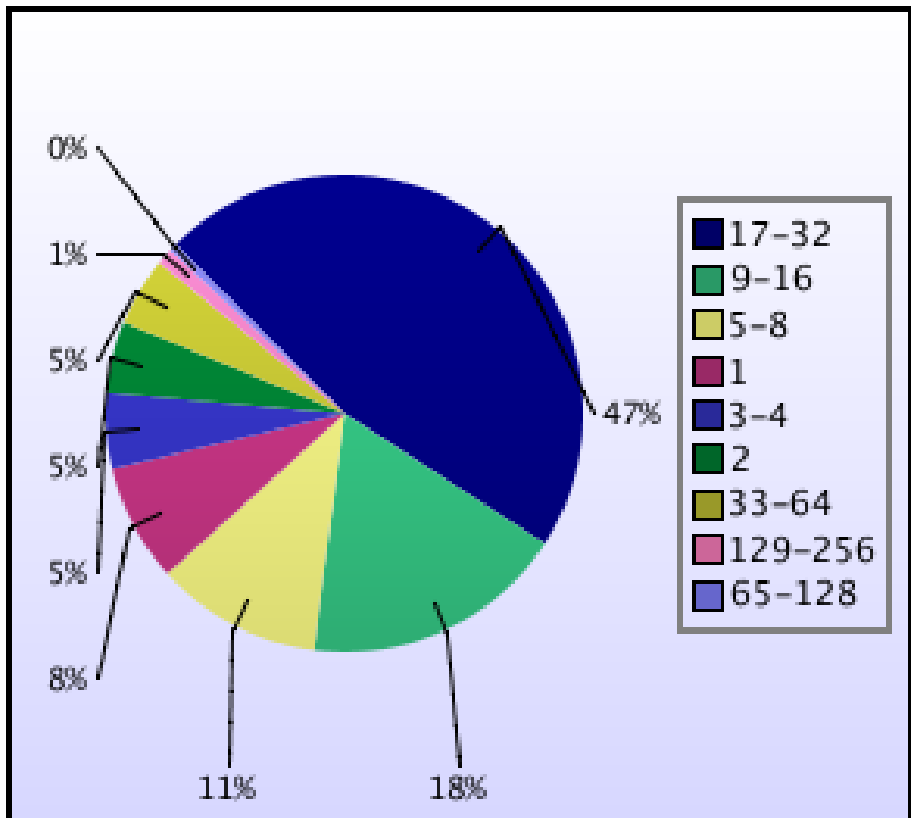
Jobs by Size



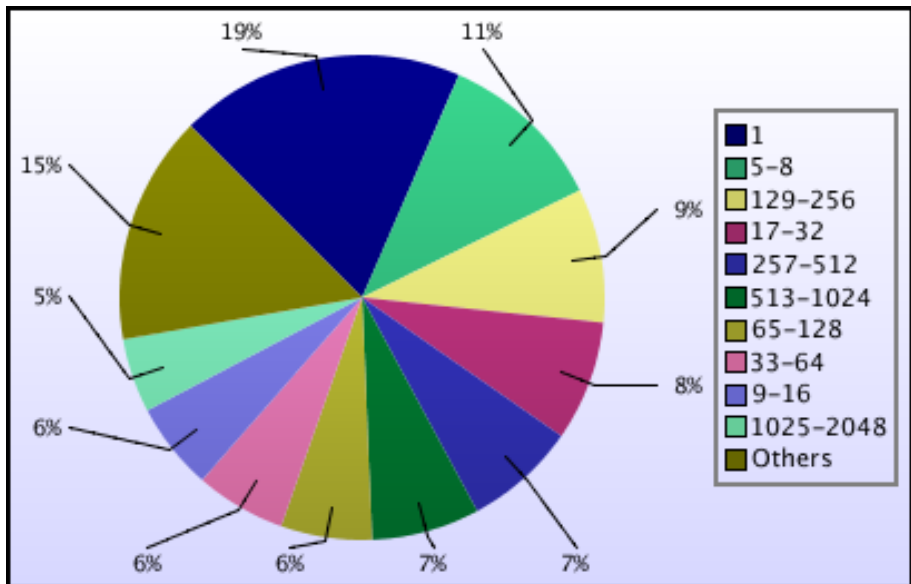
kAUs used by Size



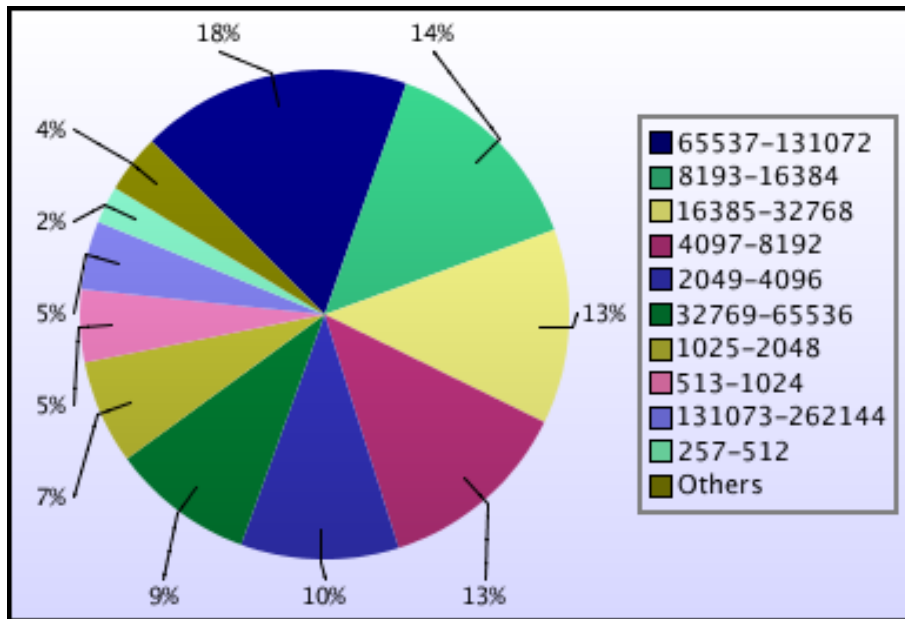
Jobs grouped by wall-clock-hours



kAUs used grouped by wall-clock-hours



Jobs grouped by core-hours

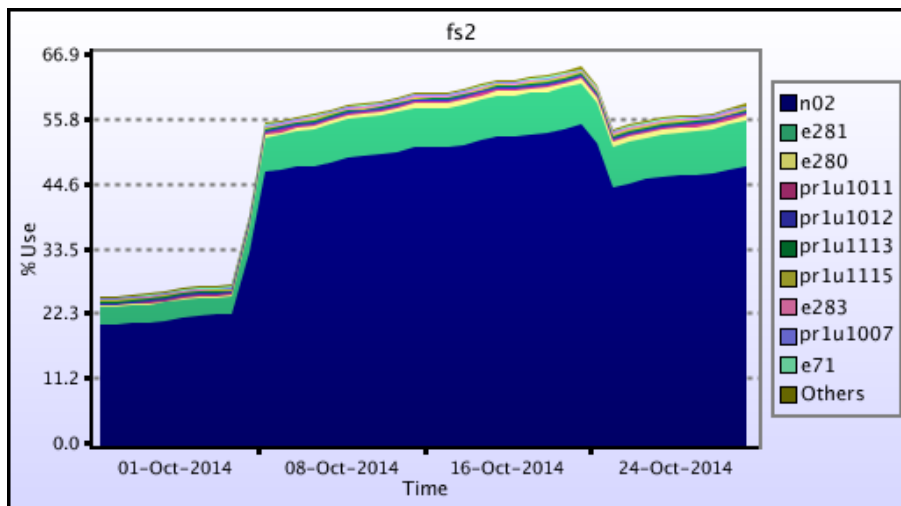


kAUs used grouped by core-hours

Disk usage

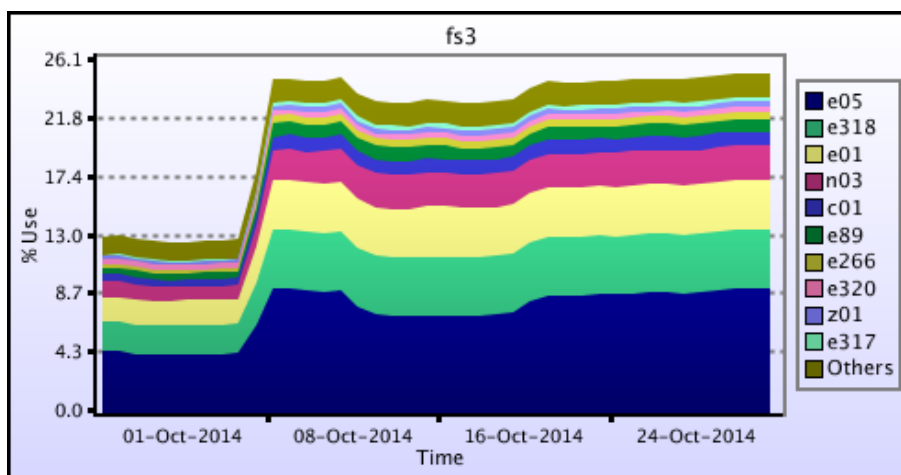
Disk usage for work (fs2)

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.



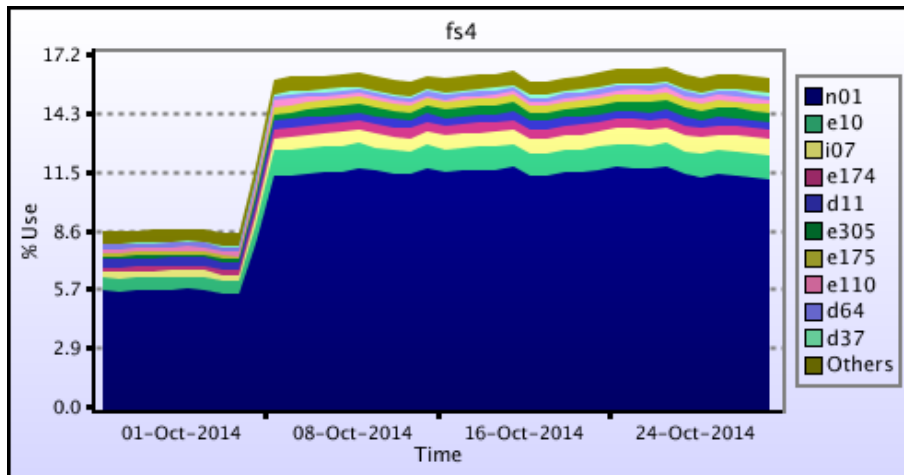
Disk usage for work (fs3)

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.



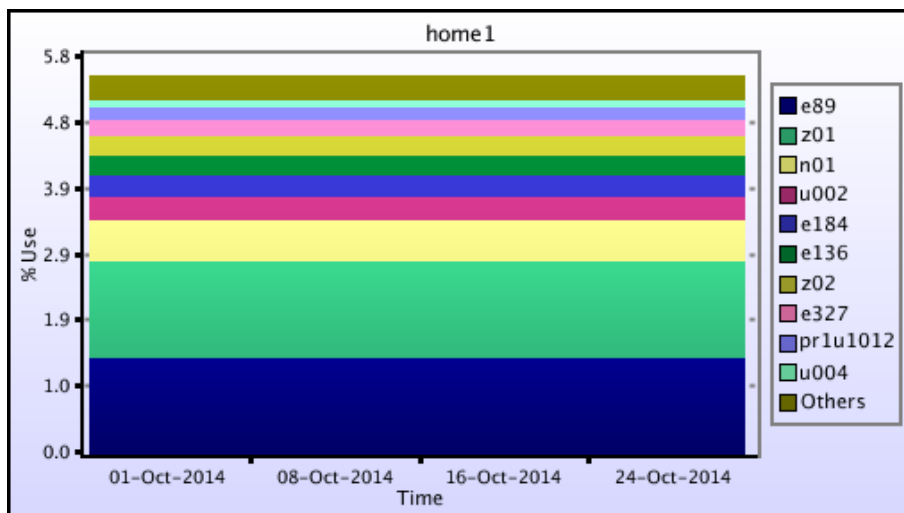
Disk usage for work (fs4)

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.



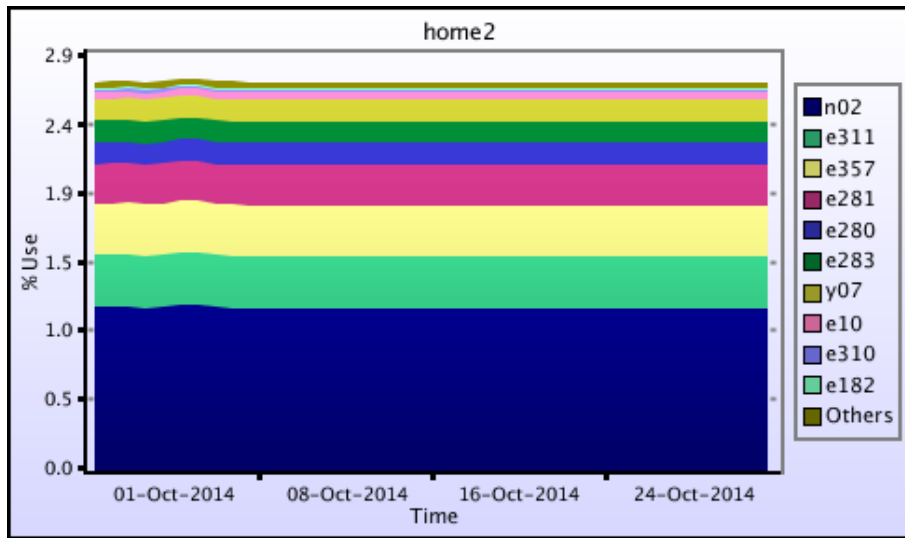
Disk usage for home (home1)

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.



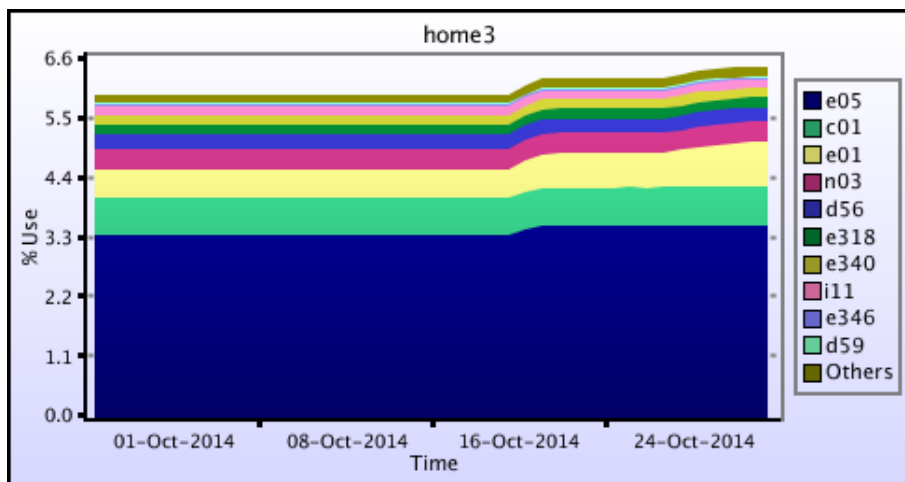
Disk usage for home (home2)

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.

