



系统配置微调

新的文件系统目录结构



/farm/

所有网络共享盘

/farm/sw/

公用软件

/farm/sw/cms/cmssw

CMSSW

/farm/sw/root

ROOT

/farm/cmsdat[1-4]

/farm/amsdat[1-10]

数据盘

/farm/2t[1-5]

...

注：原/cmsdat* /amsdat* 链接仍保留，不过推荐使用新的路径。

常用命令

- **cmsenv**

- eval `scramv1 runtime -(c)sh`

- **rootenv**

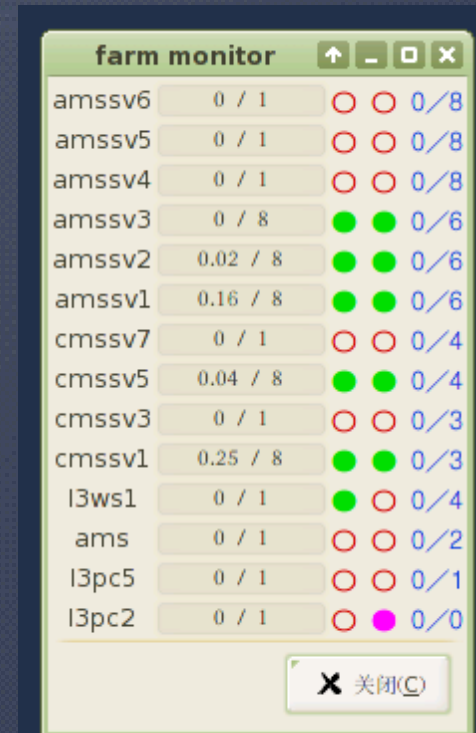
- setenv ROOTSYS
 - setenv PATH
 - setenv LD_LIBRARY_PATH

- **ruptime**

- ams down 268+13:16
 - amssv1 up 8:38, 6 users, load 5.00, 5.00, 4.30
 - ...

- **fmon**

- **qsub [-V -d \$PWD]**



The 'farm monitor' window displays a table of process status. Each row represents a process, showing its name, a progress indicator (e.g., 0 / 1), and a status bar with colored circles and a fraction (e.g., 0/8). The status bar uses green for active, red for inactive, and blue for pending. A button at the bottom right says 'X 关闭(C)'.

Process Name	Progress	Status
amssv6	0 / 1	0/8
amssv5	0 / 1	0/8
amssv4	0 / 1	0/8
amssv3	0 / 8	0/6
amssv2	0.02 / 8	0/6
amssv1	0.16 / 8	0/6
cmssv7	0 / 1	0/4
cmssv5	0.04 / 8	0/4
cmssv3	0 / 1	0/3
cmssv1	0.25 / 8	0/3
l3ws1	0 / 1	0/4
ams	0 / 1	0/2
l3pc5	0 / 1	0/1
l3pc2	0 / 1	0/0

1分钟

平均活动进程数

qsub



- `qsub some_script.(c)sh`
- `qsub -V -d $PWD some_script.(c)sh`
- `qsub -V -d $PWD`
 - `some_command arg1 arg2 ...`
 - `other_command arg3 arg4 ...`
 - `^D`
- `cmssub abc.cfg [ < 6:00:00 ]`
- `cmslong abcde.cfg [ < 336:00:00 ]`
- `qsub [-q queue_name] [-V] [-d working_dir]`
`[script_name] ...`
- `qsub --help`
- `qstat`
- `qs`

数据盘整理

路径	容量	已用	剩余	使用率
/farm/2t1	1923	14	1812	1%
/farm/2t2	1923	1522	304	84%
/farm/2t3	1923	0	1825	1%
/farm/2t4	1923	0	1825	1%
/farm/2t5	2016	98	1817	6%
/farm/amsdat1	302	225	62	79%
/farm/amsdat10	412	270	121	70%
/farm/amsdat2	302	189	99	66%
/farm/amsdat3	317	294	7	98%
/farm/amsdat4	367	326	23	94%
/farm/amsdat5	367	292	57	84%
/farm/amsdat6	367	328	21	95%
/farm/amsdat7	238	181	45	81%
/farm/amsdat8	276	227	35	87%
/farm/amsdat9	276	202	60	78%
/farm/cmsdat1	459	416	20	96%
/farm/cmsdat2	459	430	6	99%
/farm/cmsdat3	459	407	29	94%
/farm/cmsdat4	458	372	64	86%

current disk usage (1)

2101 GiB		amsdat	amsdat	amsdat	amsdat	cmsdat	cmsdat	cmsdat	cmsdat	dat	dat	dat
		1	8	9	10	1	2	3	4	1	2	4
		37	71	178	374	318	323	316	152	29	182	121
bianjg	419.5			4	225		191					
lizh	157.3				7			144		6		
mengxw	618.8			74	131	61	37	134			182	
tangzc	56.2						56					
taojq	234		50	32	5	9	16					121
wangj	28.6					27	1					
wangz	7.2					5	1		1			
yangm	103.5	37					5	39		23		
zangjj	5.2				5							
zhangzh	320.4		21	68		216	16					
cms common	150.7								151			

current disk usage (2)

[illegible]