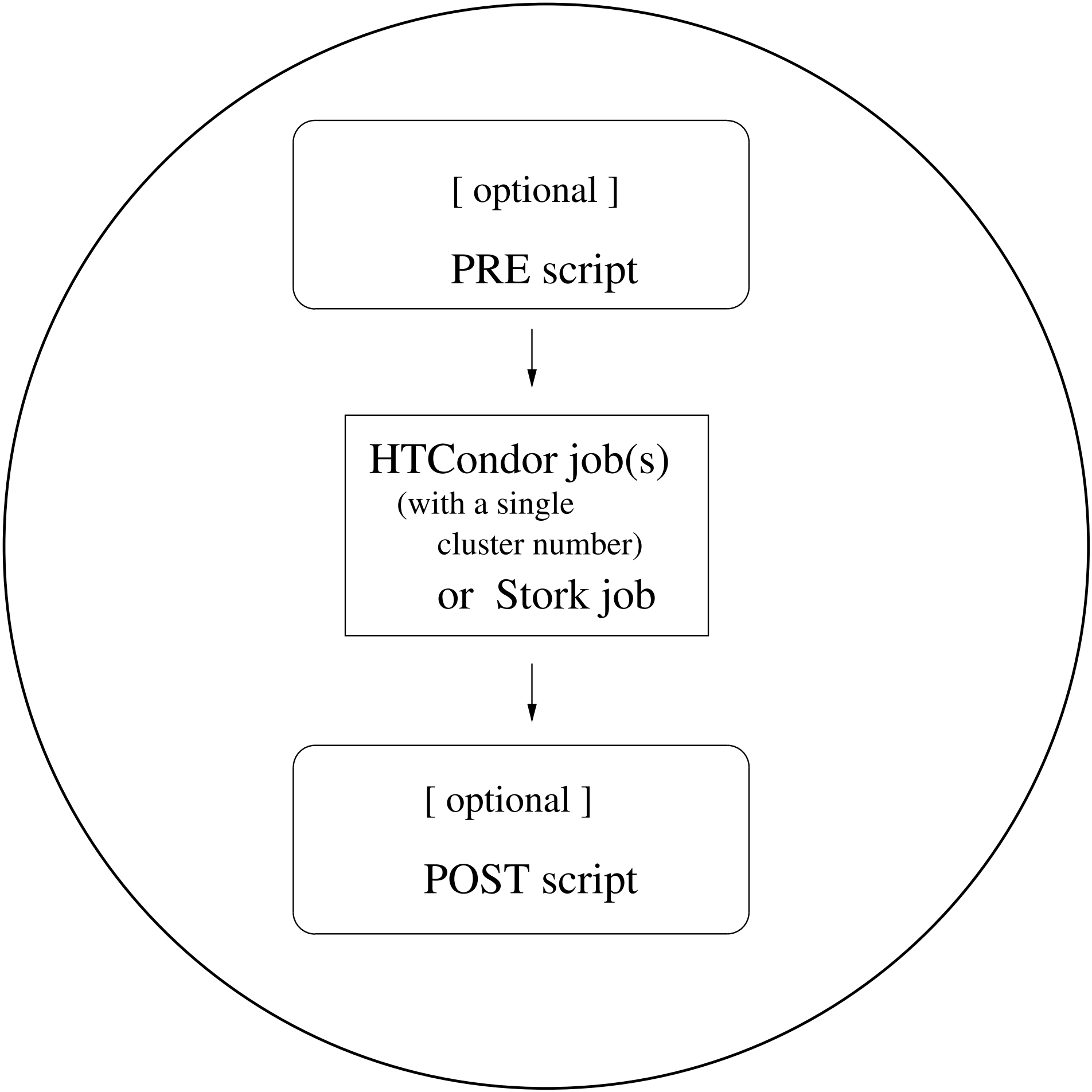
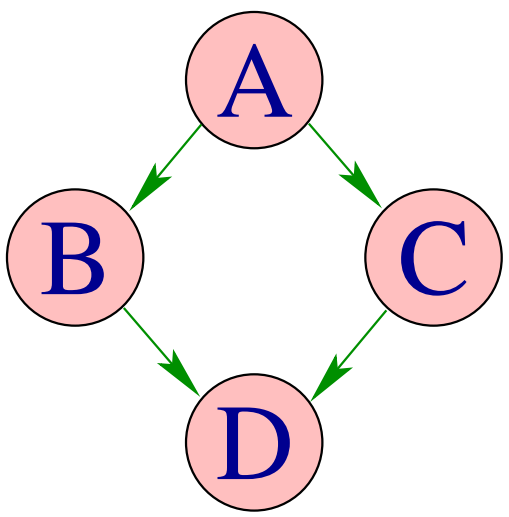
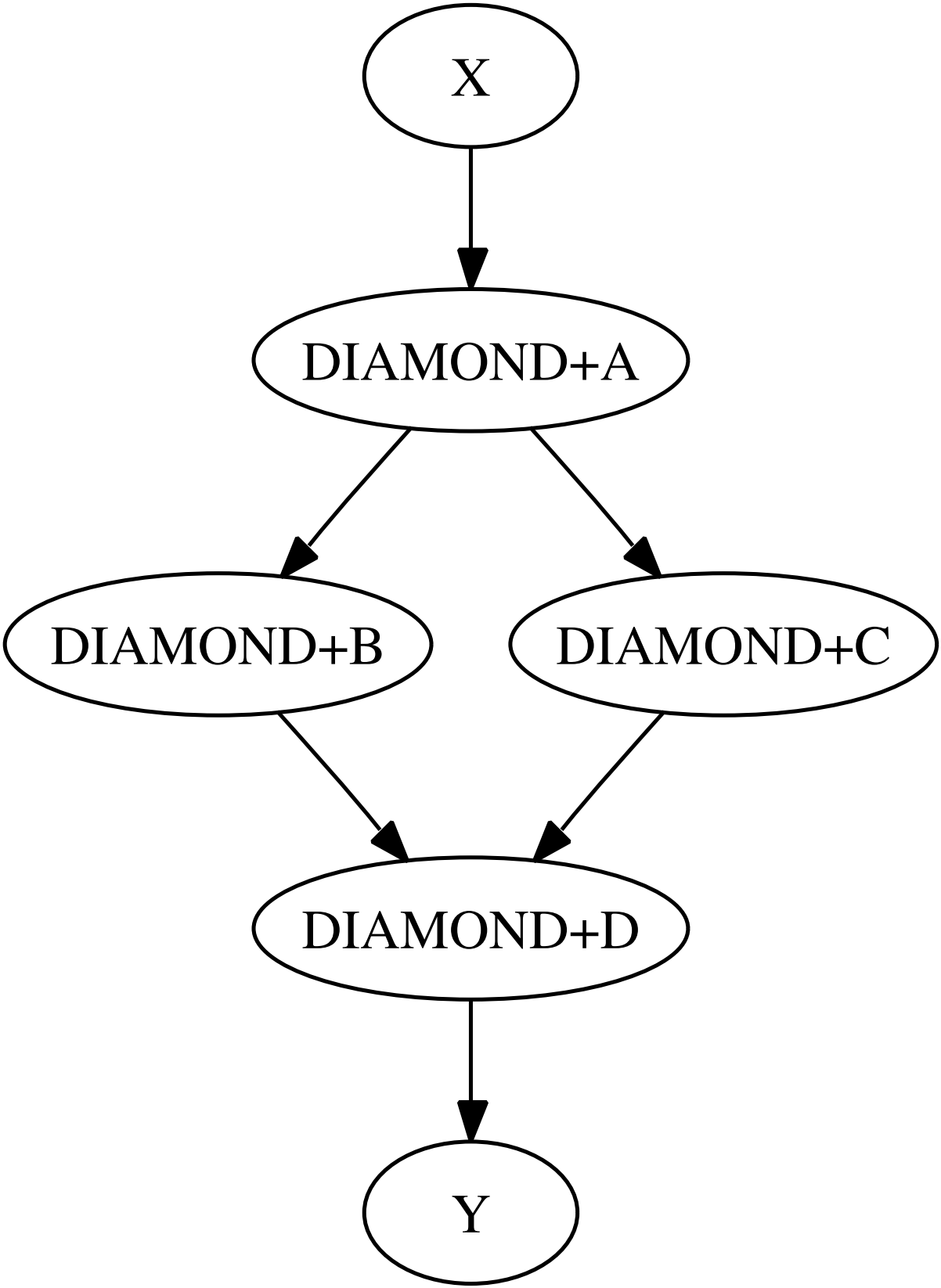
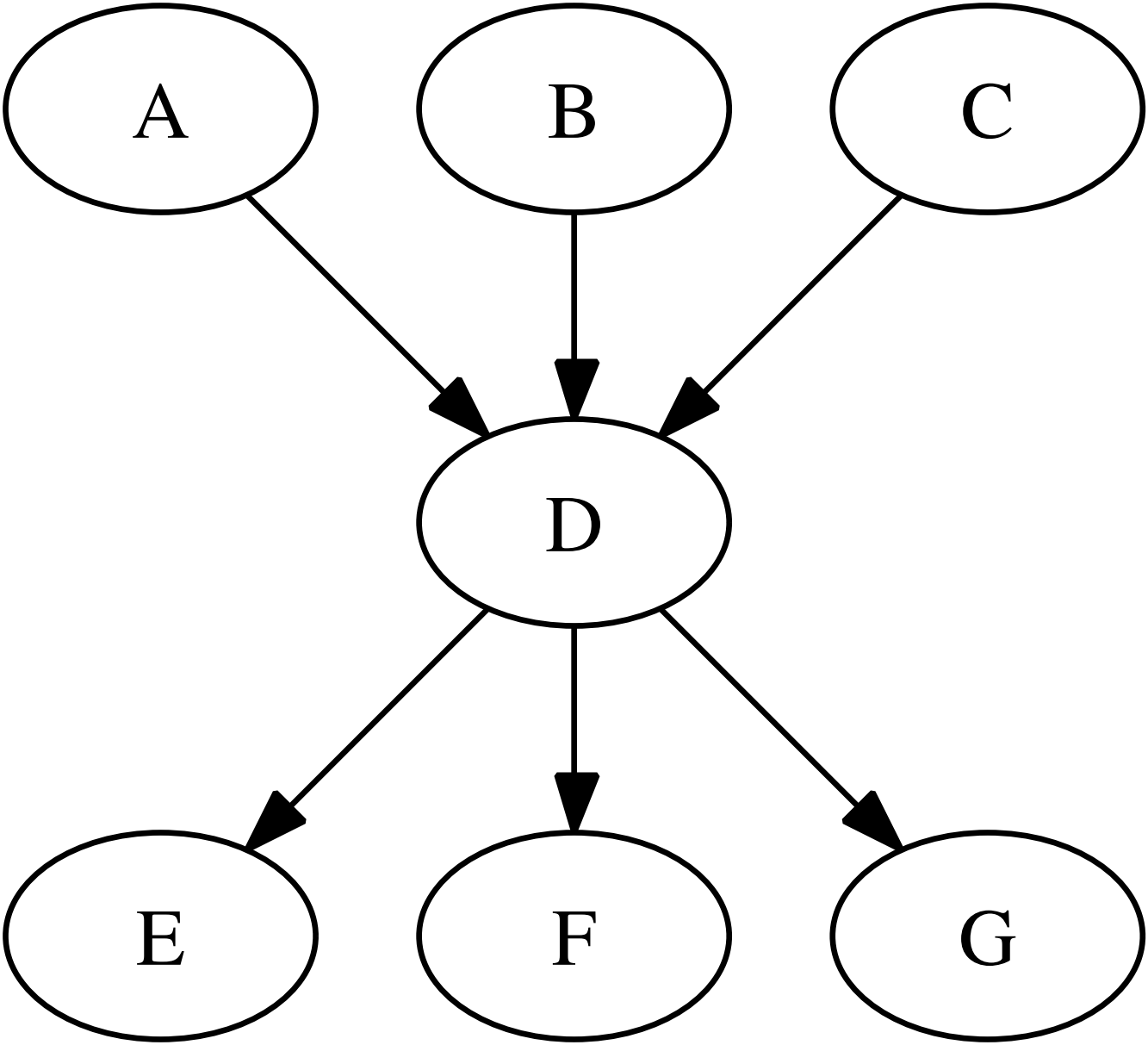
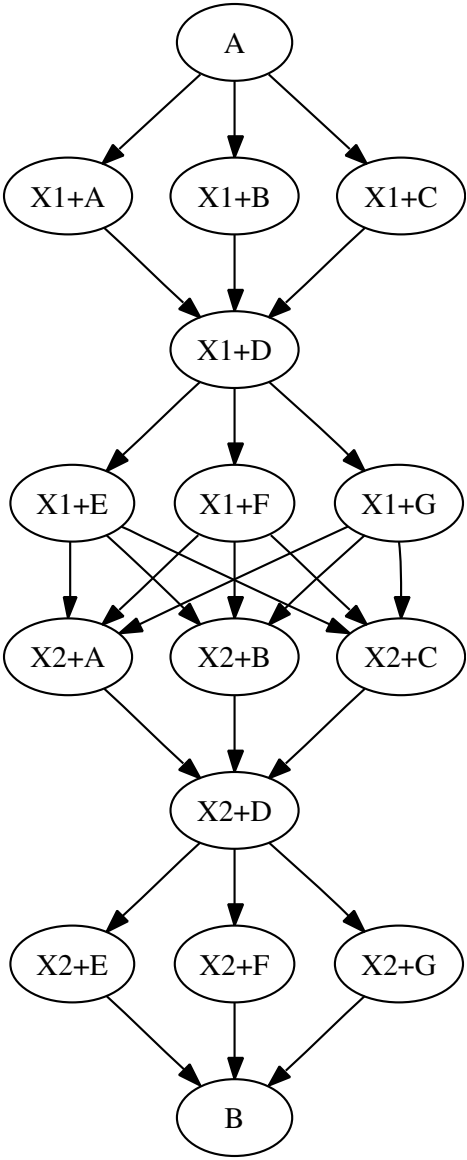
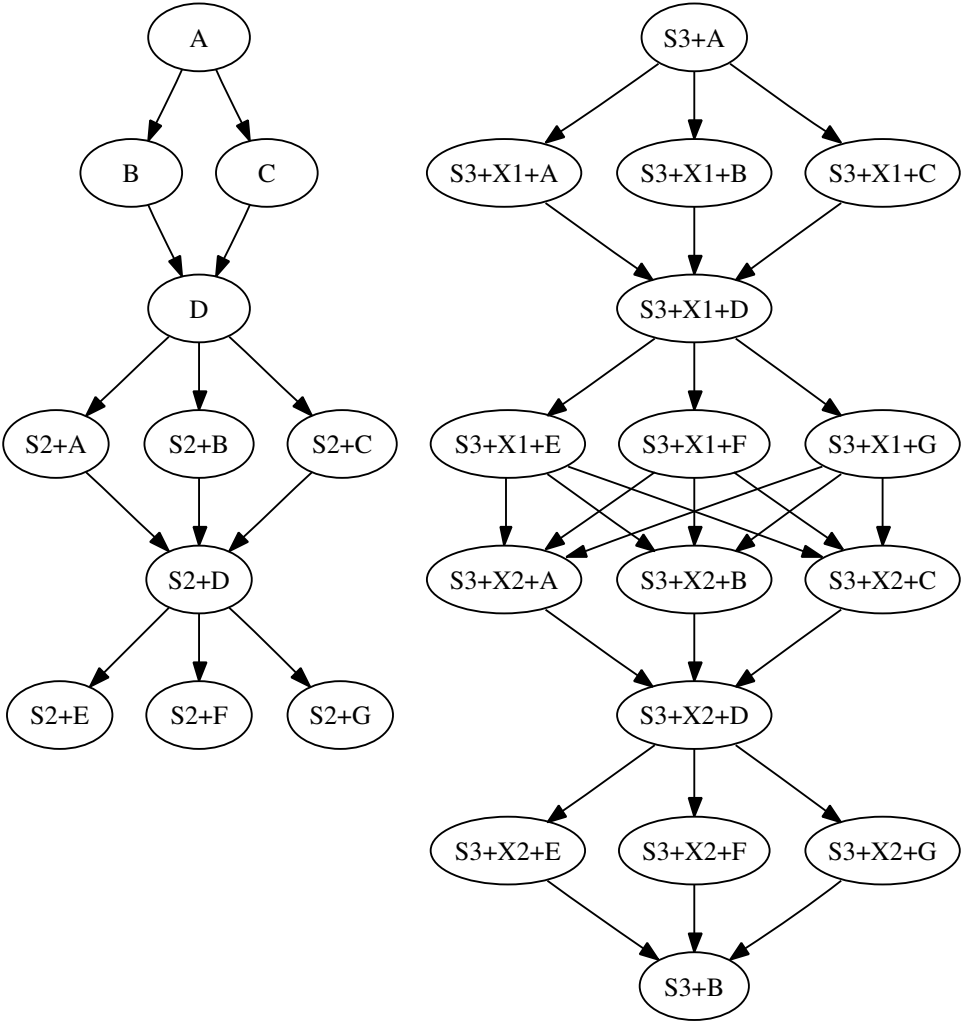

[optional]
PRE script
HTCondor job(s)
(with a single
cluster number)
or Stork job
[optional]
POST script

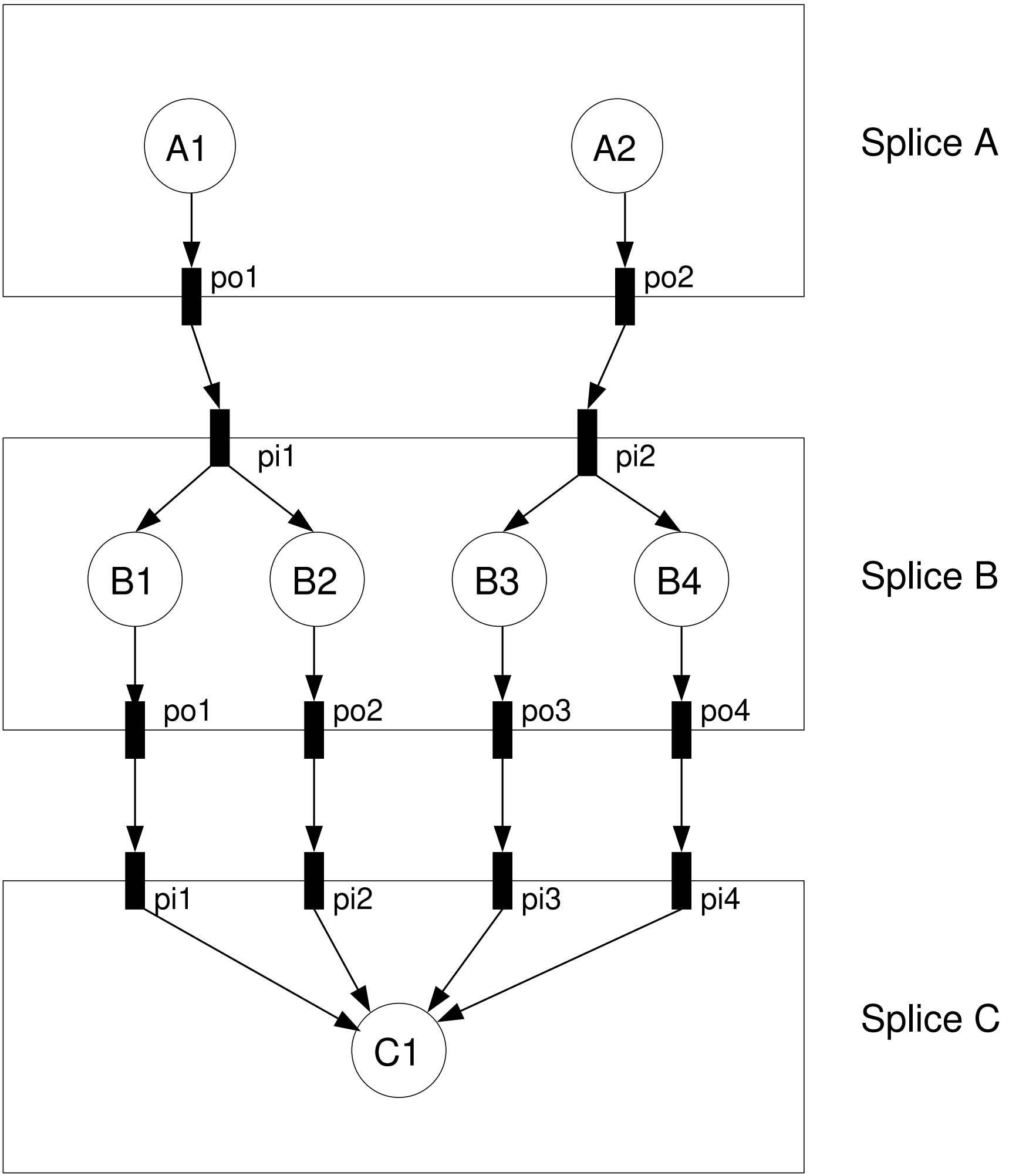

A
B
C
D


X
DIAMOND+A
DIAMOND+B
DIAMOND+C
DIAMOND+D
Y


A
B
C
D
E
F
G


A
X1+A
X1+B
X1+C
X1+D
X1+E
X1+F
X1+G
X2+A
X2+B
X2+C
X2+D
X2+E
X2+F
X2+G
B


A
B
C
D
S2+A
S2+B
S2+C
S2+D
S2+E
S2+F
S2+G
S3+A
S3+X1+A
S3+X1+B
S3+X1+C
S3+X1+D
S3+X1+E
S3+X1+F
S3+X1+G
S3+X2+A
S3+X2+B
S3+X2+C
S3+X2+D
S3+X2+E
S3+X2+F
S3+X2+G
S3+B


A1
A2
Splice A
po1
po2
pi1
pi2
B1
B2
B3
B4
Splice B
po1
po2
po3
po4
pi1
pi2
pi3
pi4
C1
Splice C

2^{10}

2^{20}

2^{30}

2^{40}

$$\mathrm{t} = \mathrm{c} + \mathrm{k}^{n}$$

c

k

n

$t = 9 + 2.0^0$

$n = 0$

1^{st}

$t = 9 + 2^0 = 9 + 1 = 10\ seconds$

2^{nd}

$n = 1$

$t = 9 + 2^1 = 9 + 2 = 11\ seconds$

3^{rd}

$n = 2$

$t = 9 + 2^2 = 9 + 4 = 13\ seconds$

6^{th}

$n = 5$

$t = 9 + 2^5 = 9 + 32 = 41\ seconds$

9^{th}

$n = 8$

$$t = 9 + 2^8 = 9 + 256 = 265 \ seconds$$

13^{th}

$n = 12$

$$t = 9 + 2^{12} = 9 + 4096 = 4105 \ seconds$$

M

$M-1$

This section has not yet been completed

This section has not yet been written

B

C

u

$\pi_r(u,t)$

δt

$$\pi_r(u,t) = \beta \times \pi_r(u,t-\delta t) + (1-\beta) \times \rho(u,t)$$

$\rho(u, t)$

$$\beta = 0.5^{\delta t/h}$$

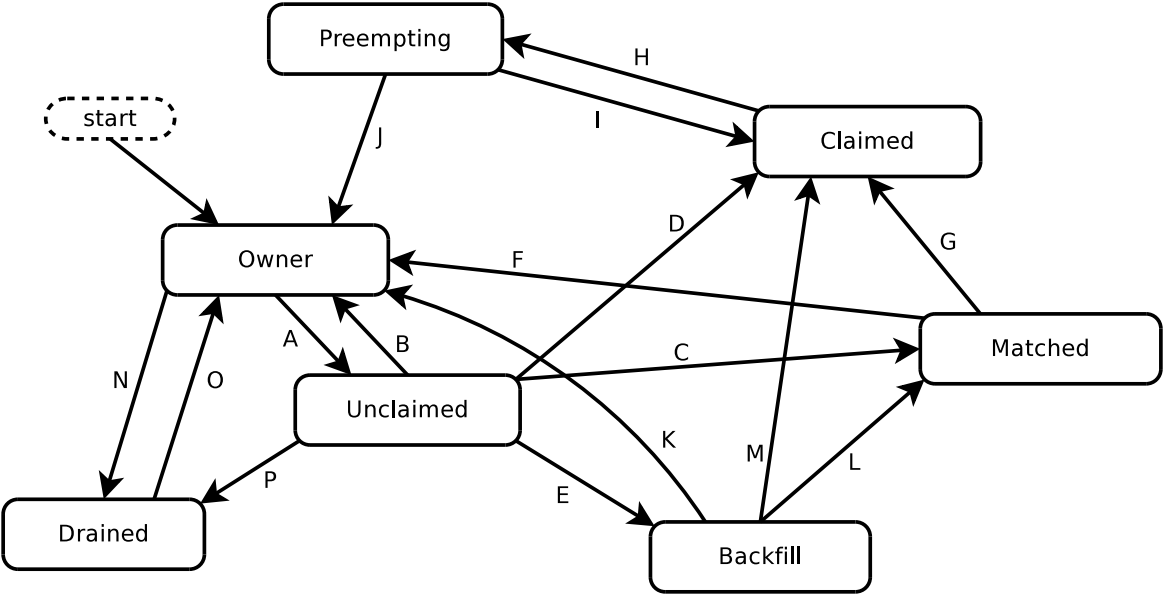
h

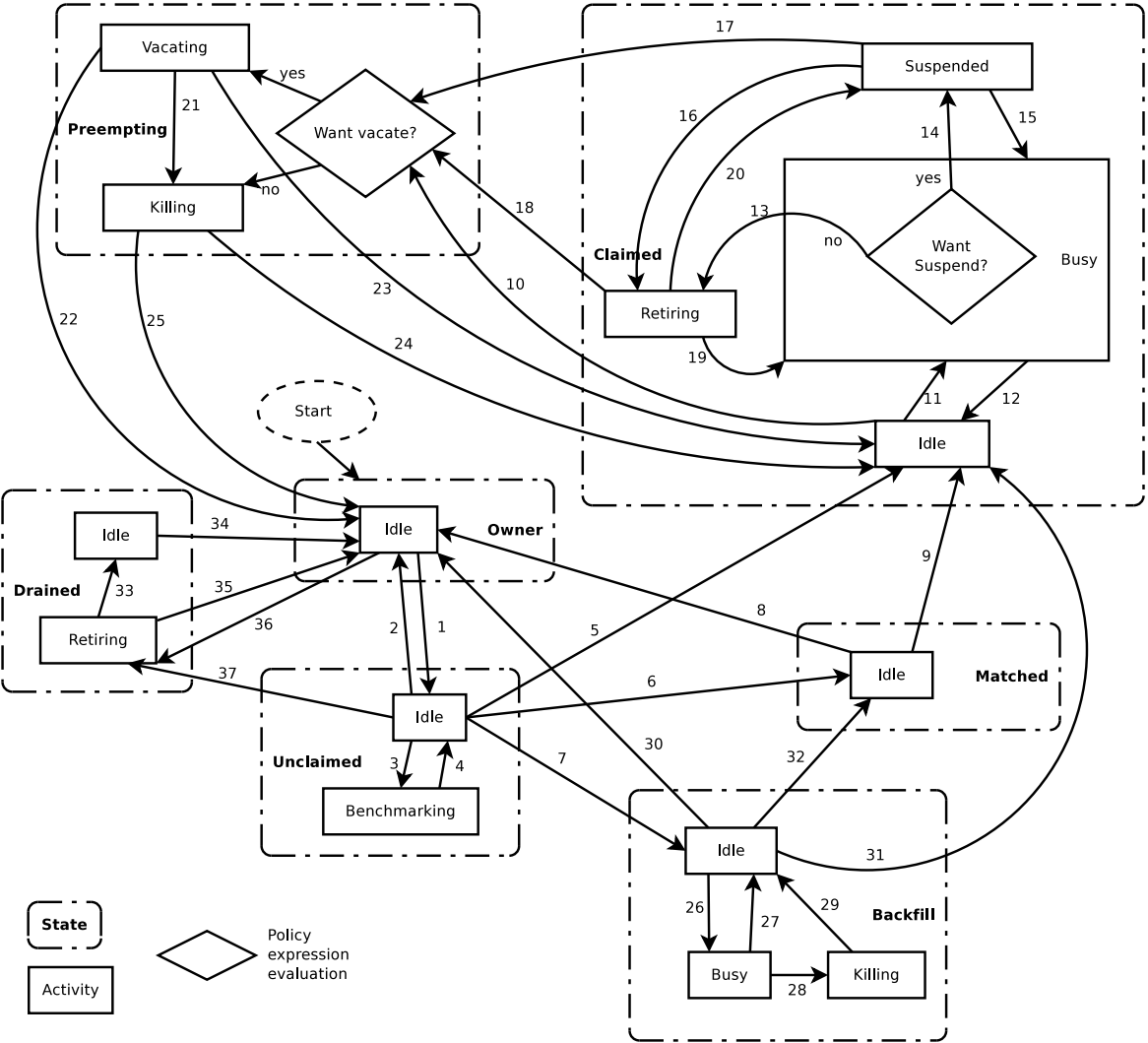
$\pi_e(u, t)$

$$\pi_e(u,t) = \pi_r(u,t) \times f(u,t)$$

$f(u, t)$

10^{12}


Preempting
start
Claimed
Owner
Matched
Unclaimed
Drained
Backfill
H
I
J
D
F
G
A
B
C
N
O
K
M
L
P
E


Vacating
yes
Want vacate?
21
Preempting
Killing
no
Suspended
17
16
15
14
20
yes
13
no
Want Suspend?
Busy
Claimed
Retiring
18
10
23
22
25
24
19
11
12
Start
Idle
Owner
Idle
34
Drained
33
35
Retiring
36
2
1
5
8
9
37
Idle
Matched
6
Idle
Unclaimed
3
4
7
30
32
Benchmarking
Idle
31
26
27
29
Backfill
Busy
28
Killing
State
Activity
Policy expression evaluation

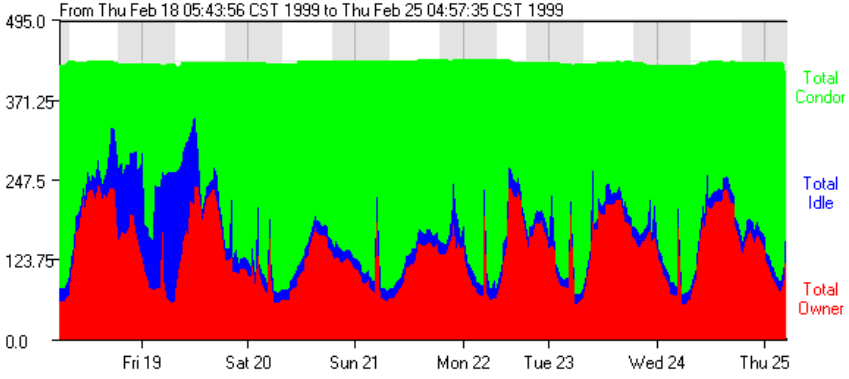
```
MyType = "Machine" TargetType = "Job" Machine = "froth.cs.wisc.edu" Arch = "INTEL"
OpSys = "LINUX" Disk = 35882 Memory = 128 KeyboardIdle = 173 LoadAvg = 0.1000
Requirements = TARGET.Owner=="smith" || LoadAvg<=0.3  KeyboardIdle>15*60
```

```
- (unary negation) (high precedence) * / + - (addition,
subtraction) < <= >= > == != =?= =!=  || (low precedence)
```

File Edit View Go Favorites Help

Address http://biron.cs.wisc.edu/condor-view-applet/Week.html

UW-Madison Comp Sci Condor Pool Machine Statistics for Week



Configure... Zoom In Zoom Out Reset About

[Graph Hints: The Y-axis is number of machines, the X-axis is time. When graph finishes updating, press "Configure.." to view different Architecture or State data. Also, you can use the mouse to draw a rectangle on the graph and then press "Zoom In". Press "Reset" to center/resize the data after Configure or when done zooming. Nighttime shows up on graph background as grey.]

Arch	Owner Average	Condor Average	Idle Average	Owner Peak	Condor Peak
Total	136.5 (31.7%)	260.2 (60.4%)	33.9 (7.9%)	272 (63%)	361 (84%)
INTEL/SOLARIS26	59.7 (27.4%)	149.2 (68.6%)	8.8 (4.1%)	162 (75%)	196 (88%)
INTEL/SOLARIS251	0.4 (25.2%)	1.5 (71.4%)	0.1 (3.4%)	3 (100%)	5 (100%)

Internet zone

]