System call

spin lock & no conkept switch

kernel thread sync & switch

scheduler: inclusive context switch
Before & After
Face & Must

Types of Characterization Present
\[ \text{if done = 0} \]
\[ \text{signal(5)} \]
\[ \text{wait(5)} \]
\[ \text{done} = 1 \]

C = count + 0
DEF... can exist only after \([A, \beta, \gamma]([6, a])\)

\[
\begin{array}{cccccc}
\text{Bernier} & 1 & 1 & 1 & 1 & 1 \\
\hline
\text{Bernier} & 1 & 1 & 1 & 1 & 1 \\
\end{array}
\]

Börner Synchrotron
Consequences of damage.

Large problems in

Panicked taxpayers

Common case of such in

Debtors are the worst
Support the spine of thigh
- Spine looks in breech (F heater)
- Spine protrudes for breech
- Palpate breech, Kerneko (to anchor)

- Sharee meenath
- Mull process kerneko
- shared mem mp

- distributed mem mp

Inf 650

Inf 651

Inpu

Memory

Cpn

Cpn

Cpn

Cpn

Master

Chart
Shared mem

not scalable

# of processors

mulex: small

tiny - small

sync:

overhead:

data transfer:

none

high

dist mem

scalable

??

Same as comm or data transfer

high
 bitterness

some language support, eg. Java

medium level

Spin Lock

This also, some examples: synchronization

Low level:

Premarital Emancipation Act

Government of Parliament
Parallel programming for shared memory

OpenMP

- uses fork-join & barrier

adds statements to standard C programs using keywords such as #pragma
for each thread

for (i = 0; i < N; i++)

progress since parallel for
Open mr has often keyword

# program cmp barrier

critical

atomic

barrier
Distributed memory parallel

Performance comparison

Clusters, deep clusters, bulk parallelism
process → one per machine

Comprehension
push-pull & master-slave

1. msg passing
2. multi-process

Distributed meaning process
Create more rules

Get results R_i

Send results R_i

Compute results

Send

master

m

n

0
(message passing interface)

MP = very parallel

PVM + obspace