Fair Shace Scheduling

the application performs

scheduling decisions is bosed on process sets.

a group of week

-7 More to those who have less than their fair shape (2) vicevesa)

Not always equal;

CPUj (i) = Froc Utilization

by j through:

CPU; (1)= CPU; (1-1)

GLPU: (i) = Similer, but

Formula

gor great

GCPU; (1)= GCPU; (1-1)

P; (1) = Bose; + CPU; (1)

2

+ G CPU x Ci)

+ Wx

WK = Weight; EUR = 1

Priority drops as

offect on P; would be low; but as P; would be usure is also low; she priority is high

? Count of Proc Cis

Example

Group column; agthe Group is used. Froc court is constant

- -) Integer division)
- > Multilevel Jeedback
 using found Robin
 within each
- Priority based on the process type + execution history.
- > Pici)= Base + CPU; (i) + nile

Traditional Unix Scheduling

Formula

Summary: Fair Share Scheduling and Atority calculation formula