Process State Integrated CPU Scheduling Game

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Abstract

Game is one of the pluralistic teaching aidsoftware
which makes people impressed with the
practical experience. Through interactive and
graphical interface effective to attract the interest
of learners to study subjects, thereby make
learners to adopt a more positive and
spontaneous learning. In this study, designed a
web-based card game about process concept of
operation system, learners can access the game
through network, to appreciate different
approaches to management process by different
events and resources. In the traditional teaching
mode, students can't clearly in process control of
operation system that is always described abstract
in textbook, now, through concrete cards and its
action to make it easy for teaching operating
systems concepts. And the network break the
limits of time and space constraints, changing
from traditional teaching mode, making learners
can feel free to study the course. The purpose of
this study is conducted through process of game
to arrive at education object.

Keyword：process state, operating system,
CPU scheduling, game-based learning, card
game