

CS3204 Operating Systems - Fall 2000

Instructor: Dr. Craig A. Struble

Error Handling: Simulating Process Scheduling and States

Assigned: Oct. 16

Due: 11:59.59 p.m., Monday, Oct. 23

1 Introduction

This document discusses extra credit error handling for the second programming assignment, *Simulating Process Scheduling and States*. You may receive up to 10 points of extra credit.

2 Errors

In order to receive the full 10 points of extra credit, you must recognize all of the following errors:

- Referencing an invalid process id.
- Referencing an invalid resource name.
- Invalid command.
- Invalid command format (too few or too many parameters).
- Invalid numeric value (e.g., negative values for simulation time or resource units)

Partial extra credit will be given for handling a subset of the errors above. The errors above should not cause the simulation to quit.

3 Receiving Credit

To receive the extra credit, you must include your own sample input and output files demonstrating that your program handles the error cases above. You must also describe when error detection occurs (during input file parsing or command execution) in your README file.