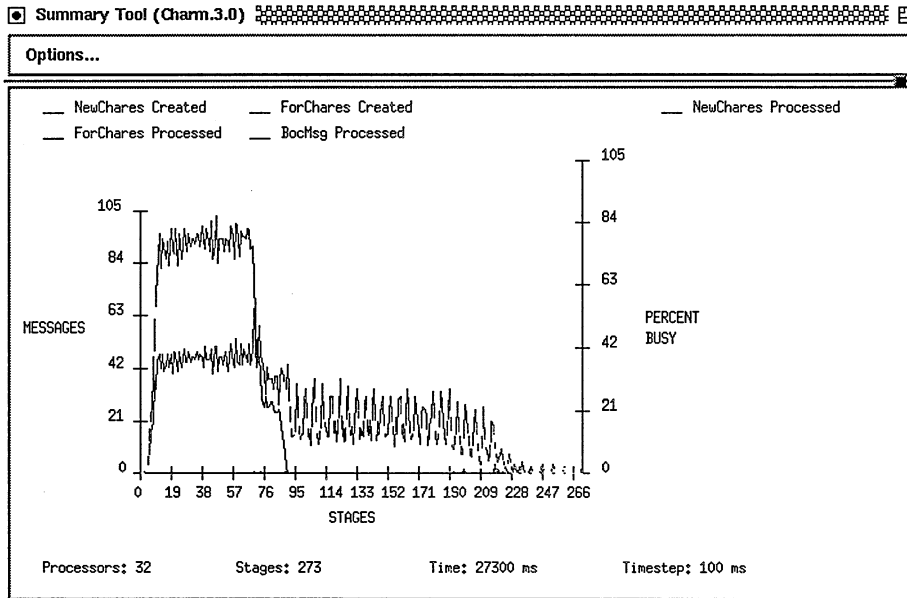


# User Manual for SummaryTool (version 1.0)



## 1 Introduction

SummaryTool presents summary performance information for the machine independent parallel programming language Charm. Charm is currently available on shared machines including Multi-max and Sequent Symmetry, nonshared machines including Intel Paragon, iPSC/2 and i860, Thinking Machines' CM-5, NCUBE/2 and networks of workstations, and any UNIX based uniprocessor machine.

The tool provides the user with a mechanism to view language specific performance data for an execution of a Charm program.

## 2 Collecting Log Information for SummaryTool

Log information for SummaryTool can be collected using the *-execmode summary* option for *charm-link*. If the name of the program is *pgm* then the name of the corresponding log file that is generated is *pgm.log*.

## 3 Running SummaryTool

SummaryTool is run using the *summary* call.

### NAME

*summary*

### SYNOPSIS

*summary log*

*log* Use the logfile with name *log*.

## 4 Displaying Data Using SummaryTool

The *Options* menu in SummaryTool contains two options: one to re-draw the log file, and the other to quit SummaryTool. The *Re-draw* menu button draws a summary graph for the program execution.