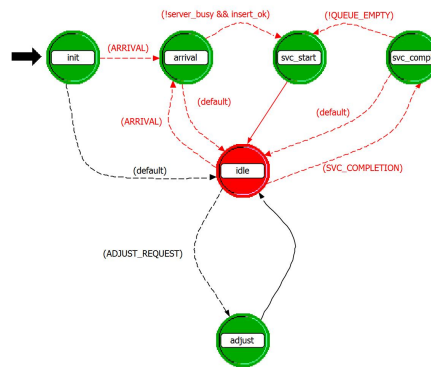# Appendix B

Process model of leaky bucket

Figure A-2.1: process model of leaky bucket

Leaky bucket is similar to finite queuing system. So I implement leaky bucket based on `acb-fifo` queue model. Each burst generation queue equip a leaky bucket as traffic shaper or rate controller. The rate-determine algorithm reside in `adjust` state. It is responsible for receiving feedback message from core node and direct to adjust transmission rate.