

```
process Allocator {
  int avail = MAXUNITS;
  set units = initial values;
  int index, unitid;
  do avail > 0; Client[*]?acquire(index) ->
    avail--; remove(units, unitid);
    Client[index]!reply(unitid);
  [] Client[*]?release(index, unitid) ->
    avail++; insert(units,unitid);
  od
}
```

Resource allocator in CSP.

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