Cricket Overview

Introduction: What’s a Cricket?

Cricket Hardware

What can you do with a Cricket?

How do you program it? (or: Where’s the keyboard?)

Example Cricket Program

Logistics

Additional Information:


wrensch@cs.colorado.edu (Tom)
zathras@cs.colorado.edu (Glenn)
Example Cricket Program

to go
  loop [  
    forward  
    waituntil [switcha or switchb]  
    if switcha [turnRight]  
    if switchb [turnLeft]  
  ]
  end

to forward
  ab, thisway on
  end

to turnRight
  a, off
  b, thatway onfor 4
  b, off
  end

to turnLeft
  b, off
  a, thatway onfor 4
  a, off
  end
Cricket Logo Screen

```
beep beep
a, on for 5
if 0 [ beep ]
```

```
device 0
   loop [
      sendSeq
      getSeq
   ]
end

to run2
   set size 0
   loop [
      getSeq
      sendSeq
   ]
end

to sendSeq
   set dp 0
   repeat size [ doit recall ]
   doit pickOne
```