

# 3-state 2-symbol Busy Beaver

June 16, 2007

current		print	move	new-state
state	symbol			
$q_A$	0	1	L	$q_B$
$q_A$	1	1	R	$q_C$
$q_B$	0	1	R	$q_A$
$q_B$	1	1	L	$q_B$
$q_C$	0	1	R	$q_B$
$q_C$	1	1	L	accept

```
01  0000 $q_A$ 000000
02  000 $q_B$ 0100000
03  0001 $q_A$ 100000
04  00011 $q_C$ 00000
05  000111 $q_B$ 0000
06  0001111 $q_A$ 000
07  000111 $q_B$ 1100
08  00011 $q_B$ 11100
09  0001 $q_B$ 111100
10  000 $q_B$ 1111100
11  00 $q_B$ 01111100
12  001 $q_A$ 1111100
13  0011 $q_C$ 111100
accept
```