

```
1  A inst A1
2  A send C
3  B send A
4  A recv B
5  A inst A2
6  A send D
7  B inst B1
8  C inst C1
9  C inst C2
10 C recv A
11 C inst C3
12 C send B
13 B recv C
14 B inst B2
15 D inst D1
16 D recv A
17 D send A
18 A recv D
19 A inst A3
20 D inst D2
21 D send B
22 B recv D|
```