Cabin - Ping both ways DFD

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A6


```
Cabin.Ping both ways() : Acessible Shaft Level
```

```
①  my direction = Travel direction
②  fwd dest .= .Ping( dir: my direction )
③  fwd dest? =>> fwd dest : {
    ①    my opposite direction = my direction.opposite
    ②    rev dest .= .Ping( dir: my opposite direction )
    ③    !rev dest? Travel direction = my opposite direction
    ④    =>> rev dest
    }
```

ACTN5

Ping

Method Call
3.2

Cabin.Travel direction

rev dest

F6

ACTN1

Read
1

ACTN10

Computation
3.3

ACTN6

Pass
3.4

F11

me

my direction

F2

my opposite direction

F5

Ping

Method Call
2

ACTN4

Type Operation 3.1

NOT rev dest

_NOT <F6>

F7

ACTN8

Decision
3.3

ACTN2

F3

Decision
3

opposite

F8

_8_true

F1

fwd dest

ACTN9

_9_false

F10

Write
3.3

me

F9

Pass
3

_9_true

Cabin.Travel direction

ACTN7

F12

ACTN3

F1

F4

ACTN11