

R53 Multiple Assigner DFDs

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MODEL INTEGRATION, LLC

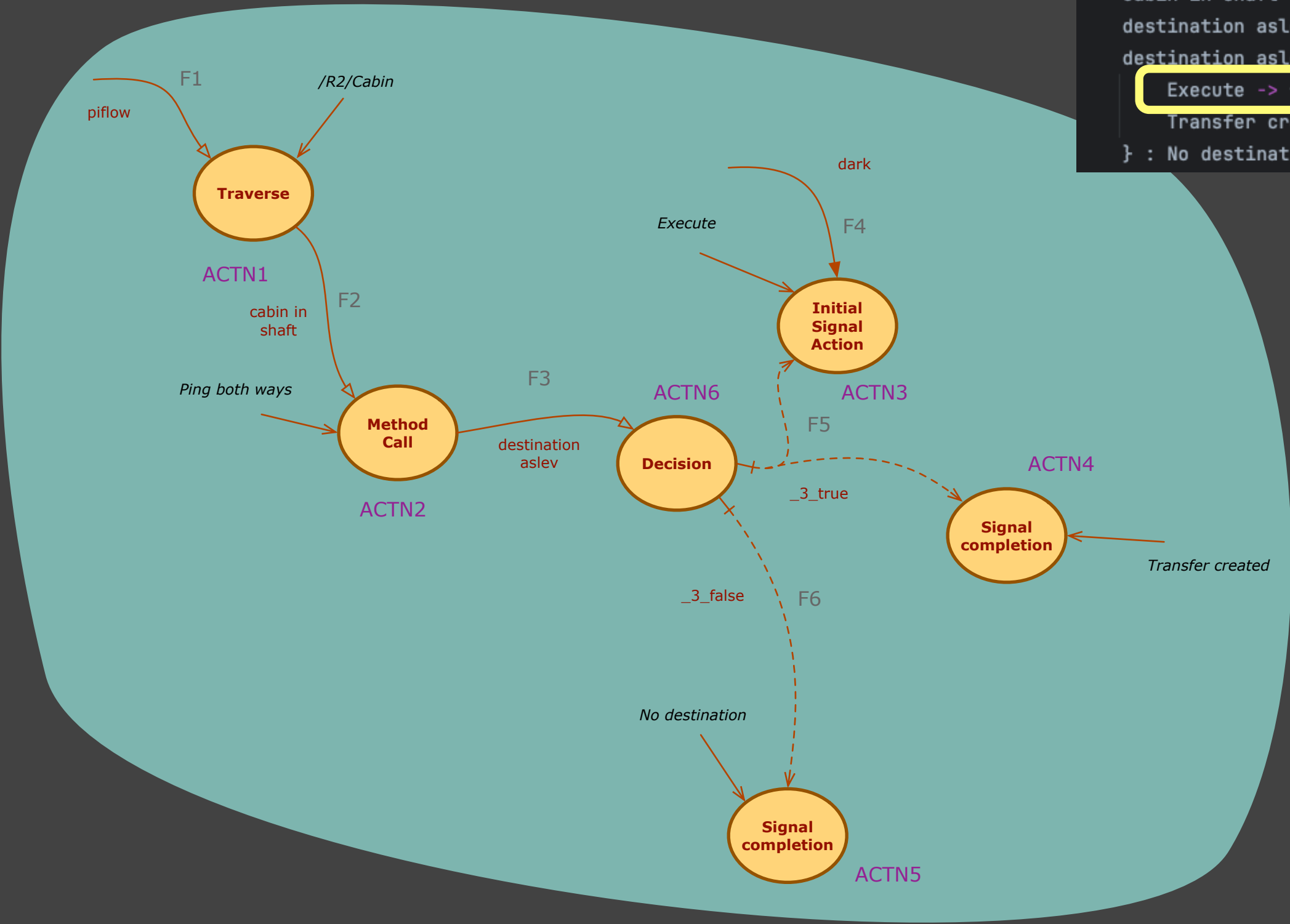
A23

NO TRANSFER
// Waiting for service request

No actions

A25

Added Tint/Color attributes to test setting of explicit and default scalar attribute values

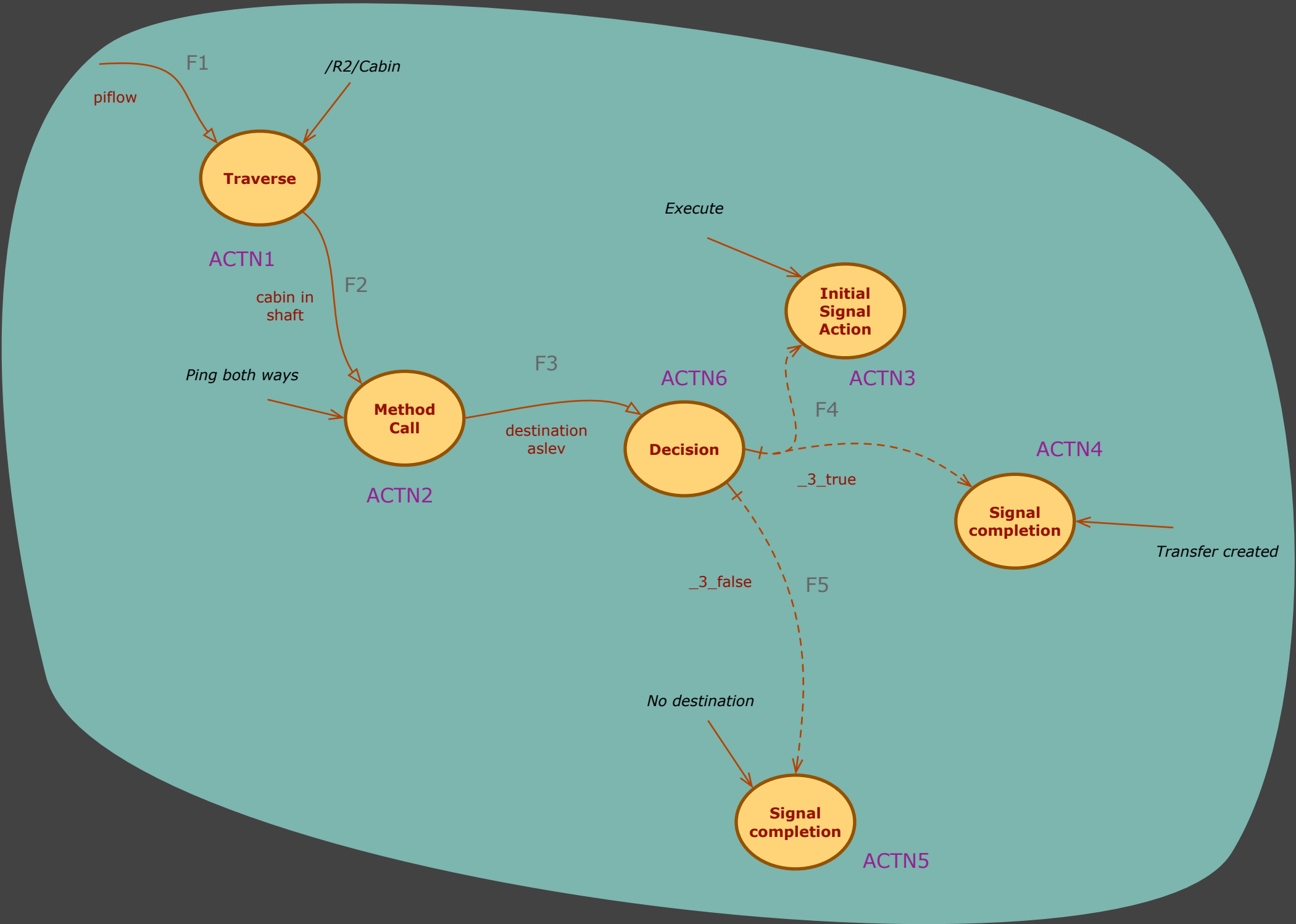


```
state Search for new destination
activity
    // The Cabin in this Shaft is stationary and has no Transfer
    cabin in shaft .:= /R2/Cabin
    destination aslev .:= cabin in shaft.Ping both ways()
    destination aslev? {
        Execute -> *Transfer(Tint: _dark) &R53 cabin in shaft, destination aslev
        Transfer created -> me
    } : No destination -> me
```

A25

Search for new destination

// The Cabin in this Shaft is stationary and has no Transfer
cabin in shaft . = /R2/Cabin
destination aslev . = cabin in shaft.Ping both ways()
destination aslev? {
 Execute -> *Transfer &R53 cabin in shaft, destination aslev
 Transfer created -> me
} : No destination -> me



Search for alternate destination

A27

1

2

3

activity

```
cabin in shaft .:= /R2/Cabin
fwd = cabin in shaft.Travel direction
xfer .:= cabin in shaft/R53/Transfer
call in progress .:= xfer/R53/Accessible Shaft Level/R49/Floor Service( Direction: fwd )
```

```
5 fwd dest := cabin in shaft.Ping( dir: fwd )
```

```
6 fwd dest? dest aslev .= fwd dest :
```

```
!call in progress? {
```

```
// a floor request in the current direction
```

```
rev = fwd.opposite
```

```
rev dest = cabin in shaft Ping( dir: rev )
```

```
new_dest? cabin in shaft Travel direction = new
```

dest destev := rev dest

1. **aslev?** 1

```
dest floor = dest as lev.Floor
```

```
dest + floor := xfer.Destination + floor?
```

```
Dest change request( new dest: dest floor ) -> xfer
```

change evaluated -> me

