Cabin estimate delay method Data Flow Diagrams

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A8
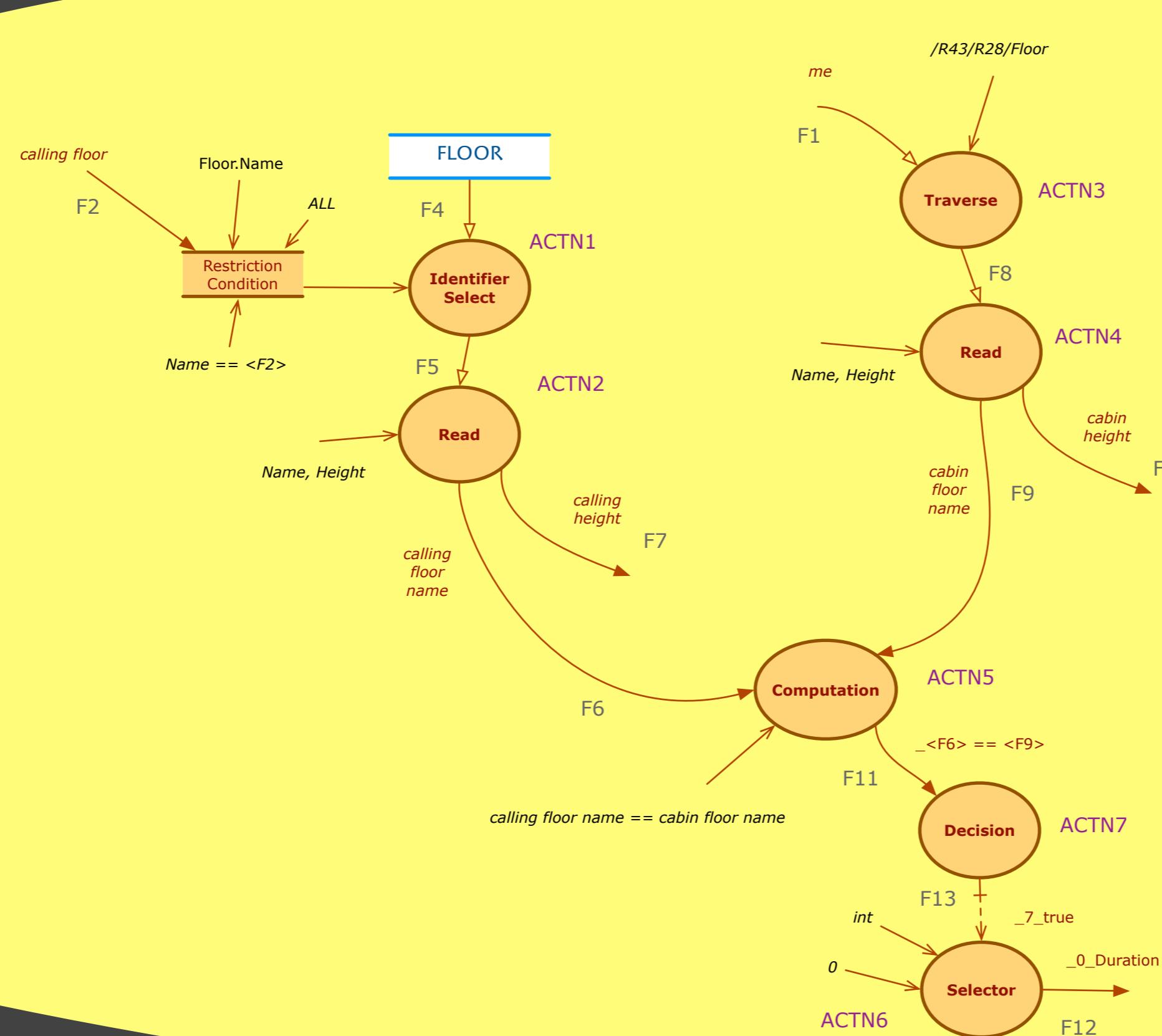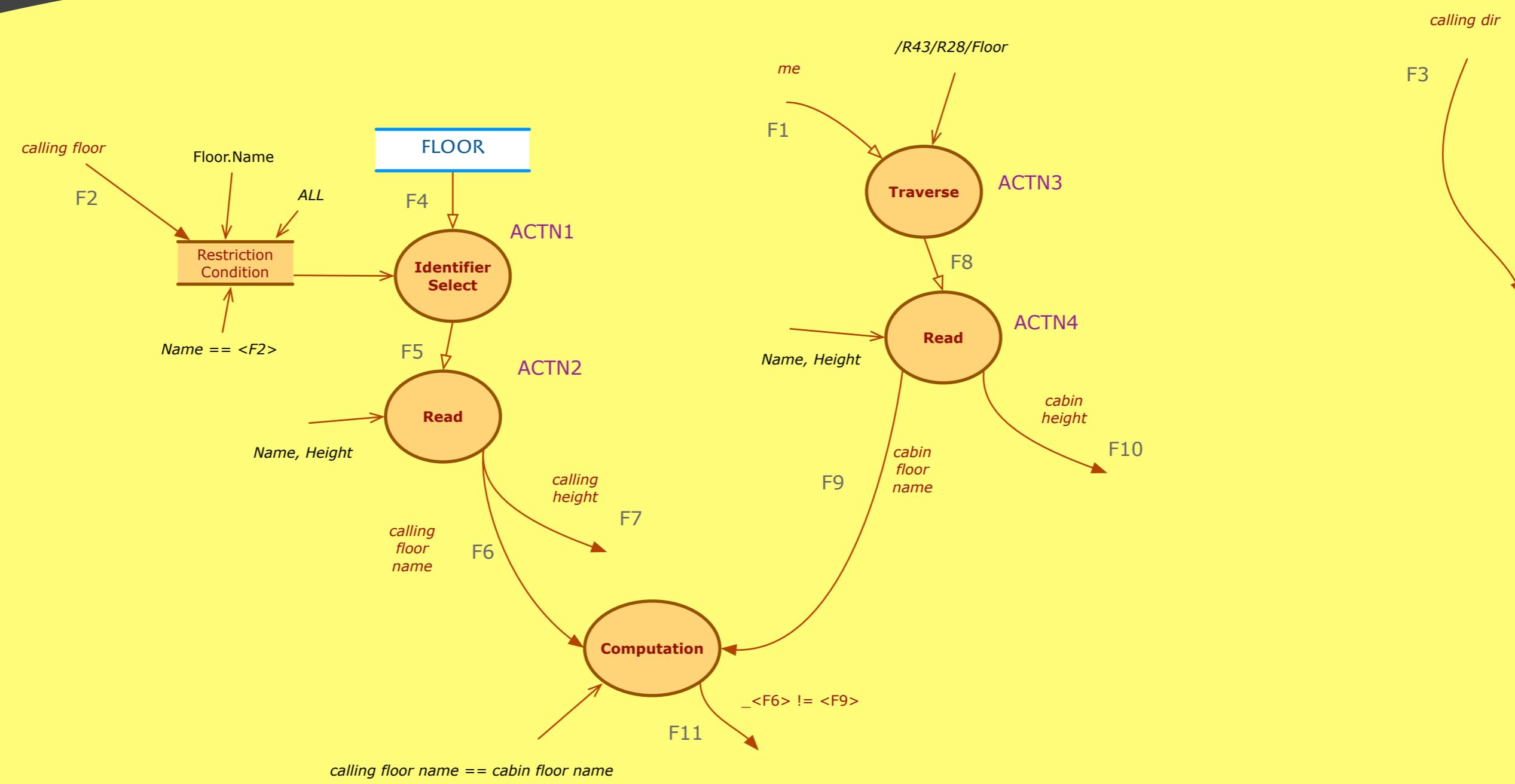
```
calling floor name == cabin floor name?
    =>> Duration[0]
```

calling dir

F3

me /R43/R28/Floor

F1

Traverse ACTN3

F8

Read ACTN4

Name, Height

cabin height F10

calling floor Floor.Name *ALL*

F2

Restriction Condition → **Identifier Select** ACTN1

Name == <F2>

F4 FLOOR

F5 ACTN2

Read

Name, Height

calling height F7

calling floor name

F6

cabin floor name F9

Computation ACTN5

_<F6> == <F9>

calling floor name == cabin floor name

F11 **Decision** ACTN7

F13 _7_true

int

0 **Selector** _0_Duration

ACTN6 F12

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```
--
Cabin.Estimate delay( calling floor : Floor name, call dir : Direction )
--

calling floor name, calling height = Floor( Name: ^calling floor ).(Name, Height)
cabin floor name, cabin height = /R43/R28/Floor.(Name, Height)
```

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```
calling floor name != cabin floor name?
{
    all serviceable floors #= /R2/R28/Shaft Level/R3/Accessible Shaft Level ## Floor[Name >> Floor]
    top floor height = all serviceable floors(1, ^+Height).Height
    bottom floor height = all serviceable floors(1, ^-Height).Height
    floor gap = Building(1).Average floor gap
}
```