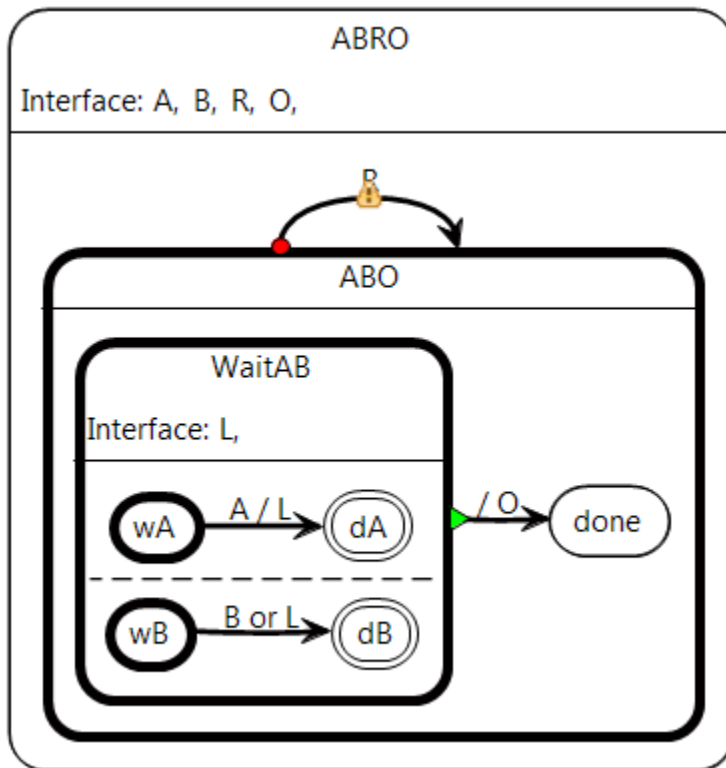


# Interfaces declarations

## Interfaces declarations in KIELER SyncCharts

Signals are defined within a macrostate. They are visible in this macrostate and the children states.



## Interfaces declarations in Yakindu SCT

Declarations in the interface scope are externally visible.

Declarations made in an internal scope are only visible for contained states.

All declarations are made in the interface scope.

Interface declarations on region level are more complex. They are not planned at the moment. Regions are no scoped elements.

### TrafficLightWaiting

```
interface TrafficLight:
    var
    red:boolean

    var
    yellow:boolean

    var green:boolean

interface Pedestrian:
    var
    request:boolean

    var
    red:boolean

    var green:boolean

interface:
    in event
    pedestrianRequest

    in event onOff
```

### main region

r1

after 2s

#### StreetPrepare

```
entry / TrafficLight.red = true;
TrafficLight.yellow = false;
TrafficLight.green = true;
```