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State formulas pertaining to events

- M,v,w<sub>t1</sub> \models succeeded(e) \mid there exists t0 s.t.

S<sub>w</sub>(t0, t1) = e

- M,v,w<sub>t1</sub> \models failed(e) \mid there exists t0

s.t. F<sub>w</sub>(t0, t1) = e
```