```
~at(City_3,Loaves_3,Time_3,Situation_3) | at(City_3,s(Loaves_3),s(Time_3),buy(Situation_3))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ~at(desMoines,s(none),Time_15,Situation_15)
                                                                                                                                                                                                                                                                                                                                                                                                             Binary Resolution
                                                                                                                                                                                                                                                                                                                          { City_3 <- desMoines, Loaves_3 <- none, Time_15 <- s(Time_3), Situation_15 <- buy(Situation_3) }
                                                                                                                                                                                                                                                                                                                                                                                                 ~at(desMoines,none,Time_22,Situation_22)
\sim \text{at}(\text{FromCity\_0,Loaves\_0,Time\_0,Situation\_0}) \mid \sim \text{next\_to}(\text{FromCity\_0,ToCity\_0}) \mid \text{at}(\text{ToCity\_0,Loaves\_0,s}(\text{s}(\text{Time\_0})),\text{drive}(\text{ToCity\_0,Situation\_0})) \mid \sim \text{next\_to}(\text{FromCity\_0,ToCity\_0}) \mid \text{at}(\text{ToCity\_0,Situation\_0}) \mid \sim \text{next\_to}(\text{FromCity\_0,Situation\_0}) \mid \sim \text{next\_to}(\text
                                                                                                                                                                                                                                                                                                                                                                            Binary Resolution
                                                                                                                                                                                                                                                                       { ToCity_0 <- desMoines, Loaves_0 <- none, Time_22 <- s(s(Time_0)), Situation_22 <- drive(desMoines, Situation_0) }
                                                                                                                                                                                                                                                                                                                              \sim\! \mathsf{at}(\mathsf{FromCity}\_197, \mathsf{none}, \mathsf{Time}\_197, \mathsf{Situation}\_197) \mid \sim\! \mathsf{next}\_\mathsf{to}(\mathsf{FromCity}\_197, \mathsf{desMoines})
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        next_to(omaha,desMoines)
                                                                                                                                                                                                                                                                                                                                                                                                                             Binary Resolution
                                                                                                                                                                                                                                                                                                                                                                                                                  { FromCity_197 <- omaha }
                                                                                                                                                                                                                                                                                                                                                                                   ~at(omaha,none,Time_235,Situation_235)
                                                                                                                                                                                                                                                                                                                                                                  Binary Resolution
                                                                                                                                                                                                                                                                   { ToCity_0 <- omaha, Loaves_0 <- nor e, Time_235 <- s(s(Time_0)), Situation_235 <- drive(omaha, Situation_0) }
                                                                                                                                                                                                                                                   ~at(FromCity_245,none,Time_245,Situation_245) | ~next_to(FromCity_245,omaha)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     next_to(lincoln,omaha)
                                                                                                                                                                                                                                                                                                                                              Binary Resolution
                                                                                                                                                                                                                                                                                                                                     { FromCity_245 <- lincoln }
                                                                                                                                                                                                                                                                                                     ~at(lincoln,none,Time_257,Situation_257)
                                                                                                                                                                                                                                                                                      Binary Resolution
                                                                                                                                                                                         { ToCity_0 <- lincoln, Loaves_0 <- none, Time_257 <- s(s(Time_0)), Situation_257 <- drive(lincoln, Situation_0) }
                                                                                                                                                                         ~at(FromCity_267,none,Time_267,Situation_267) | ~next_to(FromCity_267,lincoln)
                                                                                                                                                                                                                                                                                                                                                                                                                          next_to(grandIsland,lincoln)
                                                                                                                                                                                                                                                                    Binary Resolution
                                                                                                                                                                                                                                                   { FromCity_267 <- grandIsland }
                                                                                                                                                                                                                   ~at(grandIsland,none,Time_279,Situation_279)
                                                                                                                                                                                                                 Binary Resolution
                                                                                                        { ToCity_0 <- grandIsland, Loaves_0 <- none, Time_279 <- s(s(Time_0)), Situation_279 <- drive(grandIsland, Situation_0) }
                                                                                              ~at(FromCity_289,none,Time_289,Situation_289) | ~next_to(FromCity_289,grandIsland)
                                                                                                                                                                                                                                                                                                                                                           next_to(northPlatte,grandIsland)
                                                                                                                                                                                               Binary Resolution
                                                                                                                                                                                { FromCity_289 <- northPlatte }
                                                                                                                                               ~at(northPlatte,none,Time_301,Situation_301)
                                                                                                                                 Binary Resolution
                         { ToCity_0 <- northPlatte, Loaves_0 <- none, Time_301 <- s(s(Time_0)), Situation_301 <- drive(northPlatte, Situation_0) }
            {\sim} at(FromCity\_311, none, Time\_311, Situation\_311) \mid {\sim} next\_to(FromCity\_311, northPlatte)
                                                                                                                                                                                                                                                                         at(cheyenne,none,start,initial_situation)
                                                                                                                                                                                 Binary Resolution
                                                                                                               { FromCity_311 <- cheyenne, Time_311 <- start, Situation_311 <- initial_situation }
                                                             next_to(cheyenne,northPlatte)
                                                                                                                                                                                 ~next_to(cheyenne,northPlatte)
                                                                                                                                                                     Binary Resolution
```