



Imported - standard.ltl - LTL template file



```
formula exists_state_done_two_times() :=
{
  <h2>Does a state exists which is done two times after each other?</h2>
  <p> Is there a state which is done, and in the next state too?</p>
}
exists[ s: state |
  eventually_state_A_then_B( s, s ) ];

formula exists_person_doing_task_A_and_B( A: state, B: state ) :=
{
  <h2>Is there a person doing task A and B?</h2>
  <p><ul>
    <li><b>A</b> of type set ( <i>ate.WorkflowModelElement</i></li>
    <li><b>B</b> of type set ( <i>ate.WorkflowModelElement</i></li>
  </ul></p>
}
exists[ p: person |
  ( person_P_does_state_A( p, A ) /\ person_P_does_state_A( p, B ) ) ];

subformula not_eq( A: state, B: state ) := {}
  ! ( ( state == A /\ state == B ) );

subformula P_does_A-A_not_B( P: person, A: state, B: state ) :=
```