



Place types:

$\left. \begin{matrix} user\_req, \\ gr, ng, ini, wait \end{matrix} \right\} \text{Data String}$

$TL, PT \Rightarrow \text{Data Transfer}$

$\begin{matrix} \uparrow & \uparrow \\ \text{Cars} & \text{Pietoni} \end{matrix}$

goal and map:

$t_1: (user\_req \neq NULL) \wedge (wait \neq NULL)$

$gr = wait$

$PTL \text{ Send Over Network ("yellow")}$

$t_2: (gr \neq NULL)$

$ng = gr$

$TL \text{ Send O...N... ("red")}$

$PTL \text{ Send O...N... ("green")}$

$t_3: (ng \neq NULL)$

$ng = ng$

$PTL \text{ Send O...N... ("yellow")}$

$t_4: (ng \neq NULL)$

$gr = ng$

$PTL \text{ Send O...N... ("red")}$

$TL \text{ Send O...N... ("green")}$

$t_5: (gr \neq NULL)$

$wait = gr$