

Organizing traffic on the railroad is quite a difficult task even if there is an elaborate train timetable present. In practice it is always necessary to adaptively react to current situation – whether there is a delay, a traffic closure or a special train. Aim of this project is to design and implement an application for use on average personal computer, that would for given railroad area, timetable and the current time design a plan of train journeys so that the disruption of traffic continuity is minimal. The application should base on the plan not only on the timetable, but mostly on current situation in the area.