

This work deals with problems of interactive rescheduling in Gantt charts. The goal of the work is to design and implement an algorithm which resolves the inconsistencies in a schedule. First existing approaches are studied. Algorithm for solving our inconsistencies in a schedule is the most important contribution of this work. It is introduced there and there is also its proof of correctness and finiteness. Demonstration of applicability of the algorithm follows. For this reason, program GanttViewer which is a part of this work is used. Finally, this program is described in detail.