

iMOPSE visualizer - User's Manual

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Project page: <http://imopse.ii.pwr.wroc.pl/>

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Introduction

This document describes what the iMOPSE visualizer is and how to use it.

iMOPSE visualizer is an open source tool released for students and researchers to allow for visualization of schedules obtained with the iMOPSE library. Generated file is a .html file, which contains a table. Its rows represent resources and its column represent time slots. Tasks fill the cells of the table in their corresponding times. The longer the task the more cells it will take in the table. Additional row is created below the table, which represents a critical path. All tasks within the critical path are copied to it. Such representation allows for easy determination whether the resources are idle and often allows for an estimation of the schedules' quality.

Technical Requirements

To use the iMOPSE visualizer, Java Runtime Environment (version 1.8 or newer) has to be provided .

How to use the Visualizer - step by step

To use the iMOPSE visualizer, a .jar file along with the problem definition file and solution file are required.

There are three parameters:

- definition_file - file path to the .def file
- solution_file - file path to the .sol file
- visualization_destination - file path to the resulting .html file

Using the visualizer works similar to any .jar file:

