

{TikZ/trackschematic}

A TikZ library for track schematics

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1 Introduction

1.1 About tikz/trackschematic

The TikZ *trackschematic* library is a toolbox of symbols geared primarily towards creating track schematic for either research or educational purposes. It provides a tikz frontends to some of the symbols which maybe needed to describe situations and layouts in railway operation. The library is divided into four sublibraries: topology, traffic control, vehicles, and constructions.

1.2 Requirements

The library uses TikZ and it is based the following packages: tikz, xcolor, and etoolbox. Further more it uses the following TikZ libraries: calc, patterns, and arrows.meta.

1.3 License

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2 User Commands

3 Revision History

Revision	Date	Author(s)	Description
0.1	2018-09-14	MS	Basic concept of a library with railway topology symbols and some examples.
0.2	2018-12-19	MS	Added transmitters and minor improvements.
0.3	2019-04-04	MS	Moved snippet folder to root folder and defined and used color foreground and background.
0.4	2019-07-21	MS	Reworked library for common tikz library layout.
0.5	2019-12-19	MS	

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