## C

C functions available in sccharts by including readparams.h:

## int debugLevel();

Reads debug level from a JSON settings file called settings.json in \$XDG\_CONFIG\_HOME/railway if XDG\_CONFIG\_HOME is set or from \$HOME/.config/railway if it isn't.

## void readTrainPositions(int\* aiTrainPositions, int num\_trains, int debug\_level);

Read initial train positions from a JSON file and inserts it in the int array aiTrainPositions. The JSON file is called config.json and is found in \$XDG\_CONFIG\_HOME/railway if XDG\_CONFIG\_HOME is set or from \$HOME/.config/railway if it isn't. debug\_level should be obtained through debugLevel().

## void getAction(int\* aiAction, int debug\_level);

Read a new action's data from a JSON file and inserts it into the int array aiAction. aiAction will then contain {id, start, destination, reverse flag}. If one or more fields are set to -1 the action is to be considered invalid and ignored. The JSON file is called input.json and is found in \$XDG\_CONFIG\_HOME /railway if XDG\_CONFIG\_HOME is set or from \$HOME/.config/railway if it isn't. debug\_level should be obtained through debugLevel().