

05.12.2018 | TRANSPORTCONTROL VERSION 2.7

Die GS Fleetcontrol hat die neue TransportControl Version 2.7 veröffentlicht.

Release Notes 2.7 (5.12.2018)

New core features

- > TransportControl DuraCore™
 - errors in one of the resource managers won't stop core loop anymore
 - errors are displayed in UI via red PANIC button and can be cleared without restart
 - errors caught and logged inside TransportControl; no need to search servlet container logs anymore
- > single file database for configuration instead of config folder with JSON files
- > changeable timeout for UDP server sockets
- > Settings changeable for admins without restart
- > Job manager: cost penalty for targets with no progress
- > auto recreation of simulated targets after server restart
- > logging of segment changes of Targets
- > logging of job assignment and completion of Targets
- > logging of status changes of Jobs
- > moved logging of Target errors to level FINE

UI improvements

- > improved Script editor with autosize frame, line number column and syntax highlighting
- > vehicle load visualization based on Target status via databit entry in model SVG
- > JSON download/upload for all resources
- > showing core loop load in ms for each entry in Script table
- > showing number of lines for each entry in Script table
- > colored responsibility column for admins based on user role
- > moving a box won't scroll content anymore

New Script API functions

- > h.setGlobal / h.getGlobal -> allows direct variable exchange across scripts
- > h.log -> persistent file logging from inside scripts
- > h.stringify -> convert any object to JSON string (JSON.stringify can't convert Java objects)
- > h.isInsideContour -> new function overload for Segments
- > h.getSegIdsInsideContour -> returns all Segments inside given Contour as array
- > h.hasJob / h.getJob -> new overloads with userId parameter for filtering
- > h.setVarProperty / h.setJobProperty -> replacement for removed Resource.setProperty
- > Resource.getProperties -> returns all properties of any resource as list
- > Job.getCompletionTime -> returns estimated completion time including deviation
- > Job.getProgress -> returns current job progress
- > Job.getCurrentDestSegId -> returns Segment ID of current order destination
- > Sim.setError -> switch errors of simulated Targets for testing

Bugfixes

- > stop sign intersection check crashes for Targets without envelope
- > job manager timing problems and inaccurate progress calculations
- > exception in GSON serialization because of NaN values

Incompatibilities

- > config folder inside server file system will be ignored
- > removed script access of Resource.setProperty for security reasons
- > removed deprecated functions h.isClosed and h.isBlocked