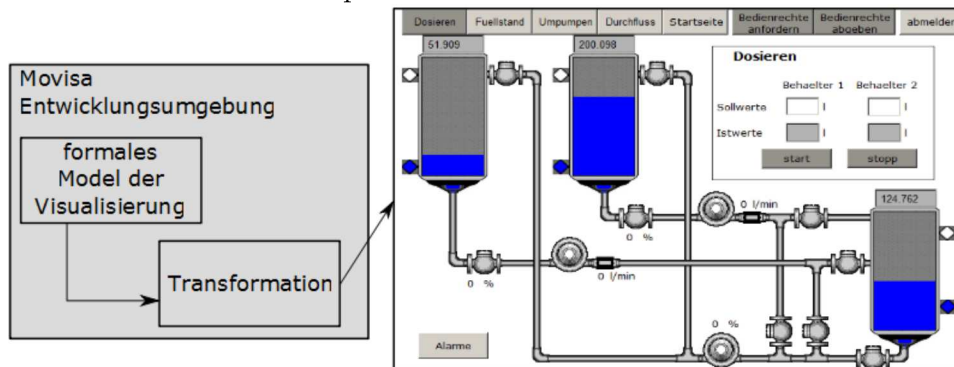


Redesign of a visualization solution

Movisa is a Tool, which has been developed at the Institute of Automation (IfA) at the Technische Universität Dresden in Germany, for developing of visualization solutions by using a model - driven approach. The visualization solutions are generated from a formal model by a transformation.

Within the scope of this seminar paper a already existing visualization solution has been re - designed, to acquire a flexible solution for different platforms. The target platforms for the designed visualization are a desktop Computer and a tablet PC. On both target platforms a web browser is used to run the html & Javascript based visualization solution.



Besides the development of two abstract Movisa - models the transformation for generating the html & Javascript code has been updated. The components for supporting live video and a user management were added and some slight changes to existing components were made.

As the result of this seminar paper two visualization solutions to monitor and control a testing plant at the IfA were created. The model for the desktop Computer visualisation could be reused for the tablet PC version without great changes.

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