Chair for Computation in Engineering
Deparment of Civil, Geo and Environmental Engineering
Technical University of Munich

Building Information Model (BIM) based Logistics

Project Characteristics
Modeling: ★★★☆☆
Mathematics: ★★☆☆☆
Programming: ★★★★☆
Science: ★★☆☆☆

Setting:

Especially for temporary and complex structures (Oktoberfest, defense, show stages), rebars and wooden structures, efficiency gains are achieved if all components are neatly located in the BIM model and the positional accuracy of the structure is documented.

Your Tasks:

You will solve this with QR codes. Every component gets a QR Code. In Bimplus the component is then automatically highlighted at its destination.

- You will need to implement an app to interface the QR-Code scanner with BIM plus
- Develop a workflow for the tagging and retrieving information.