

FixIt - an AR-System for live error diagnostics

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Abstract:

After installation of a machine or robot, workers have to inspect and repair it periodically or on demand. To this end, they need a system that helps them diagnose problems while the system is running to identify signalling malfunctions. In this demonstration, we show at the example of a Fischer Technik robot, how the current robot state (motors on/off, switches pressed etc) overlaid on the respective components of the robot s.t. the mechanic can see which pieces are malfunctioning or which cables are not propagating signals correctly.