



Informatik-Kolloquium

Forschungsprojekt
von Wanja Zaseke

Donnerstag, den 21.01.2021, 13:00 Uhr,
BigBlueButton

“Behavior Driven Development for Airborne Software Engineering”

Behavior Driven Development (BDD) is a test driven development approach which aims at bridging the gap between the end-user and the software development. It promotes a semi-formal ubiquitous language for executable behavior specification and automated acceptance testing. The BDD infrastructure Cucumber and the language Gherkin have been established in many application domains. This paper discusses their utilization for airborne software engineering with an example application, Class C Terrain Awareness and Warning System, being developed using Rust language with Rust BDD infrastructure.

Betreuer der Arbeit: Prof. Dr. Sven Hartmann, Prof. Dr. Umut Durak