Chair of Computational Modeling and Simulation
Deparment of Civil, Geo and Environmental Engineering
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TUM

ChatBots for Common Data Environments

Setting:

Chatbots gain increasing interest in modern communication platforms. They can improve processes by automating recurring messages and events. To ensure a fast communication, pre-defined answers can speed up any project:

- Fast setup of new tasks and issues
- Vote for proposed options to resolve an issue
- Request a detailed description of an issue

Your Tasks:

Create a web-based application that captures notifications and events from Autodesk BIM360 and sends them to chatbots. You should consider at least two chat systems of your choice (e.g. Telegram, Slack, RocketChat, …). Let the user register for individual processes he is interested in, and send automated messages to which the user can respond with pre-configured answers.

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