APPLICATION OF ANYLOGIC SIMULATION SOFTWARE TO YARD MODELING

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A project involving a Storage-In-Transit yard in south Texas began Roger's focus on the study and modeling of yard and terminal facilities. Roger's initial scope while in the Service Design Department at BNSF Railway was the development of a playback capability to problem-solve and identify areas of improvement. This work relies on the Railroad Library component of the AnyLogic simulation platform which models railroad concepts like trains, rail cars, tracks, switches, train movement, coupling, uncoupling and routing through a track network. The scope has expanded to model and evaluate specific switching sequences and provide feedback for switching optimization software like Optiswitch from Cedar AI. Roger will demonstrate the evolution of the modeling project over the last ten years.

**WEDNESDAY
AUGUST 25TH, 2021
10:00 EST NEW YORK
16:00 CEST AMSTERDAM
22:00 CST BEIJING**

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