

Using AnyLogic to Simulate Trading Processes at Fannie Mae

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Fannie Mae operates in the secondary mortgage market and utilizes many complex processes, which often have dependencies. In this presentation, we will focus on the processes of trade assignment and confirmation. Getting a holistic view of trade processes can be challenging. These processes vary depending on the type of trade, and can range from fully automated to being dependent upon skilled analysts. We will also cover how Fannie Mae is using AnyLogic to simulate the effects of extreme cases like fluctuations in trade volume. Finally, we will end with a study on workforce optimization for these processes.