

Project Status Report

Project Name	Lockheed Martin #2: Digital Twin Simulation		
Date	3/14/2021	Created By	James Douthit
Status RAG	Time	Team Member Participation	N/A
Progress Last Week	We definitively figured out that the variant library was the issue and that the clang version needed updating to fix the problem on all containers, so with that information we were able to move past our clang issues. We were able to begin work with the functioning AST output that clang gives us, and we are working on interfacing it with the other model we are given. In addition, we began work with our functioning AST getting the symbol dictionary to correctly function.		
To Do This Week	We split work between two teams on the symbol dictionary and the model analyzer. The model analyzer team will write code to look for a specific marker endpoint we've been instructed to look for and give a report about. The symbol dictionary team is working on continuing our improvements to the symbol dictionary.		
New Issues, Risks, Blockers	For the model analyzer team, cursory lack of understanding of the inputs and outputs for the model. For the symbol dictionary team, they are facing the issue of understanding the present solution.		
Updates on Issues, Risks, Blockers Raised Last Week	We figured out the weird variant issue we had in a container was because of version problems. This was resolved and we finally have no more issues with clang or the AST.		