

Project Status Report

Project Name	Lockheed Martin #2: Digital Twin Simulation		
Date	3/8/2021	Created By	James Douthit
Status RAG	Time	Team Member Participation	N/A
Progress Last Week	We began work on our main goal of synthesizing the new models and worked to investigate how the variant template might be breaking the codebase. We also identified several open tickets on the clang message board which have the same complaint as ours.		
To Do This Week	We will send more information to the clang team about what issues might be arising around the variant template. We will also spend an intensive amount of time testing other parts of the code base to see what is messing with clang. We also have not been able to verify our POC's experiment and we still find that commenting out the variant library fixes the code.		
New Issues, Risks, Blockers	Our new issue is that our technical lead Eric Huber tried to replicate our bug and found that commenting out the variant inclusions still breaks the code. As such, we will need to investigate anew into what might be breaking the code if it's not the variant as we thought we'd pinpointed.		
Updates on Issues, Risks, Blockers Raised Last Week	We have figured out that the variant library is causing our issue and have begun investigation into how this problem can be solved.		