



Progress Update on SolidWorks -> Geant4 Converter

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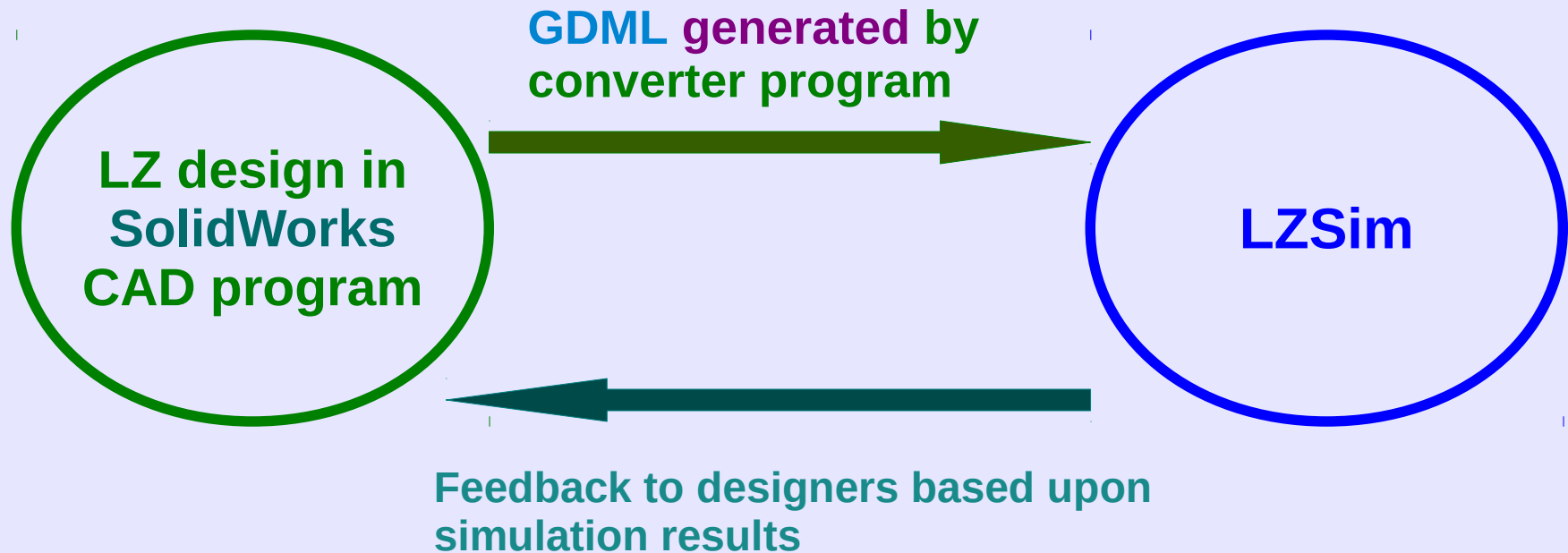
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SolidWorks -> Geant4 Converter



- Goal to have fully **automated** process of transferring LZ design from **SolidWorks** into **LZSim**
 - Facilitate **iterative design** and simulation
 - Ensure **accuracy** of design description in LZSim

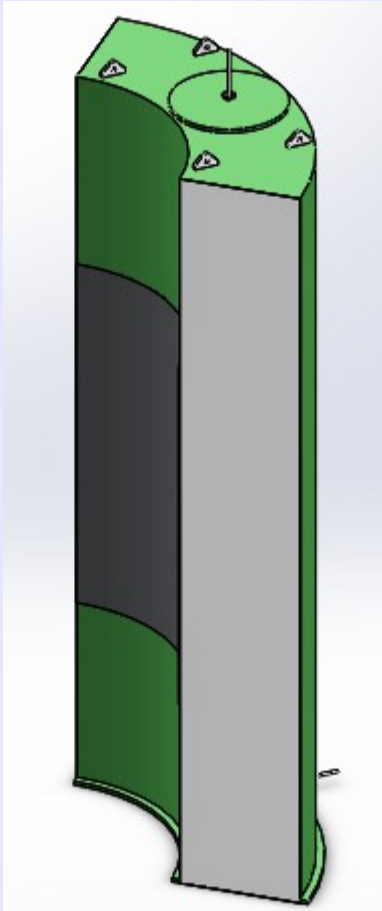




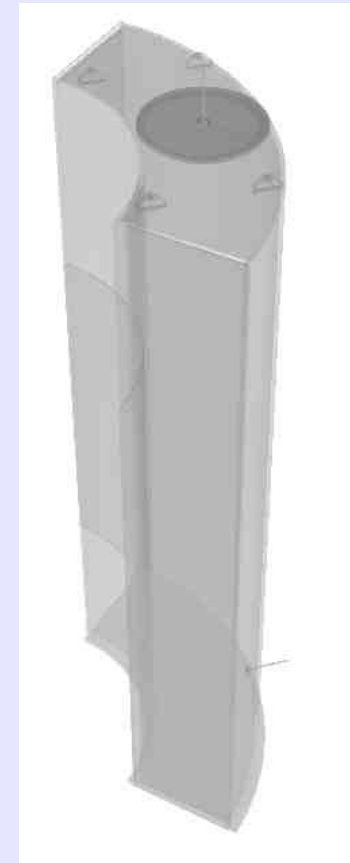
Now Processing Complete SW Files



SolidWorks Design



Same Design in Geant4



- All SolidWorks features in available files now processed by my code
- Can handle multiple coordinate systems and methods of placing parts



Need Help from Engineers



- Have requested additional SolidWorks files from engineers for last month
- Haven't received any
- Need to test my program on new SW files to see if there are more SW features that must be supported
- Need to discuss with engineers the range of SW features that are required
 - For example, what about irregular shapes?