Using High Level Architecture in the SEE Project for industrial context

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Résumé

Nowadays, systems are becoming more and more complex. Therefore, Modeling & Simulation (M&S) are also growing in complexity. That's why it is important to form, train and graduate students and faculty. The National Aeronautics and Space Administration (NASA) host an international event of M&S oriented in, solving interoperability problems, Distributed Simulation (DS), and student cooperation. The goal is to use a DS standard: High Level Architecture (HLA) to simulate a moon base. Each team builds a module of it and has to communicate with each other. This context will be propitious for student to learn HLA programming, in order to reuse it in an industrial manufacturing context. The use of HLA is interesting in order to couple already existent heterogeneous works.

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