Rail4Future

Projekttitel:	**Resilient Digital Railway Systems to enhance performance**
Projektnummer:	**882504**
Deliverable:	**Deliverable 1.3.6 Report – Automated Model Integration**

In this deliverable, we show and describe how we designed and developed the methodology to automate and manage the entire asset integration and processing, based on different interface standards (e.g., FMI, SysML), by using different key technologies such as graph DB, CI/CD pipeline, artifactory repository management, VCS, CAT and CLI. This is enormously important to gain insights about automation techniques helping to reduce time effort and resource consumption. The assets (model + data) of different railway use cases, which are successfully implemented into the R4F Platform (see Deliverable D1.1.5 and D1.3.5), are automatically built, tested and then deployed to visualization in the platform for the Rail4Future project.

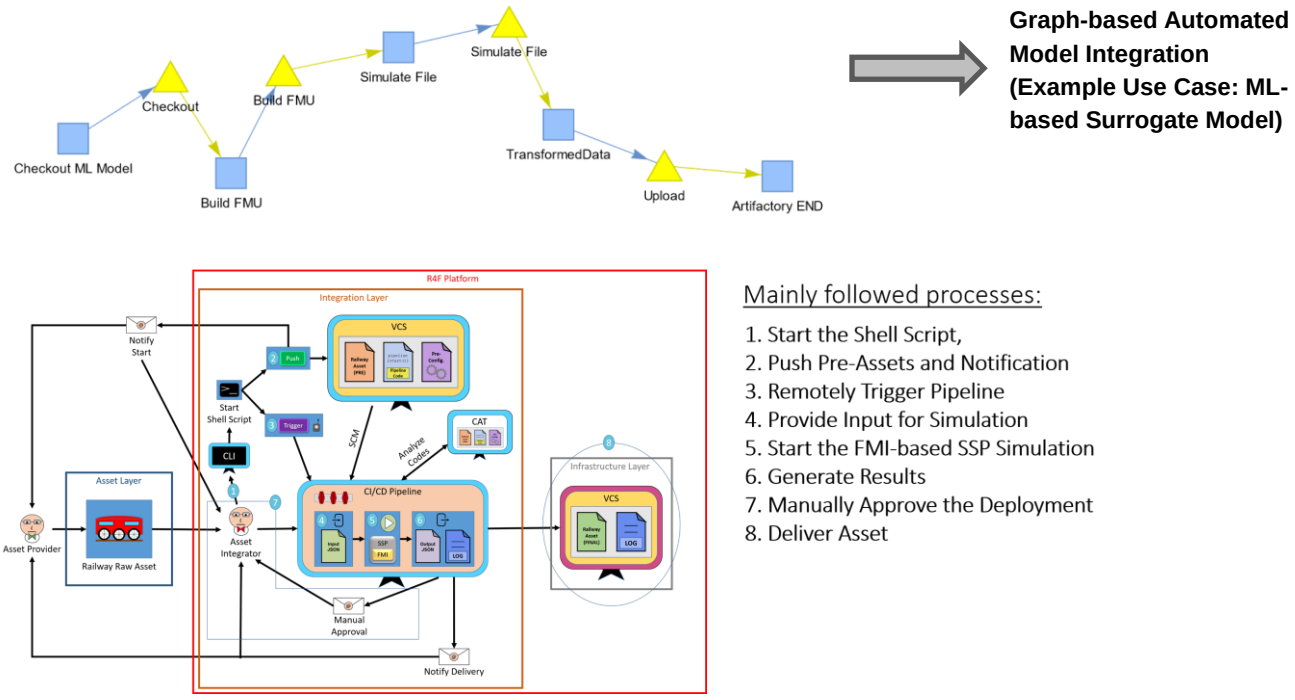

Figure: Automated model integration approaches followed for the Rail4Future project.