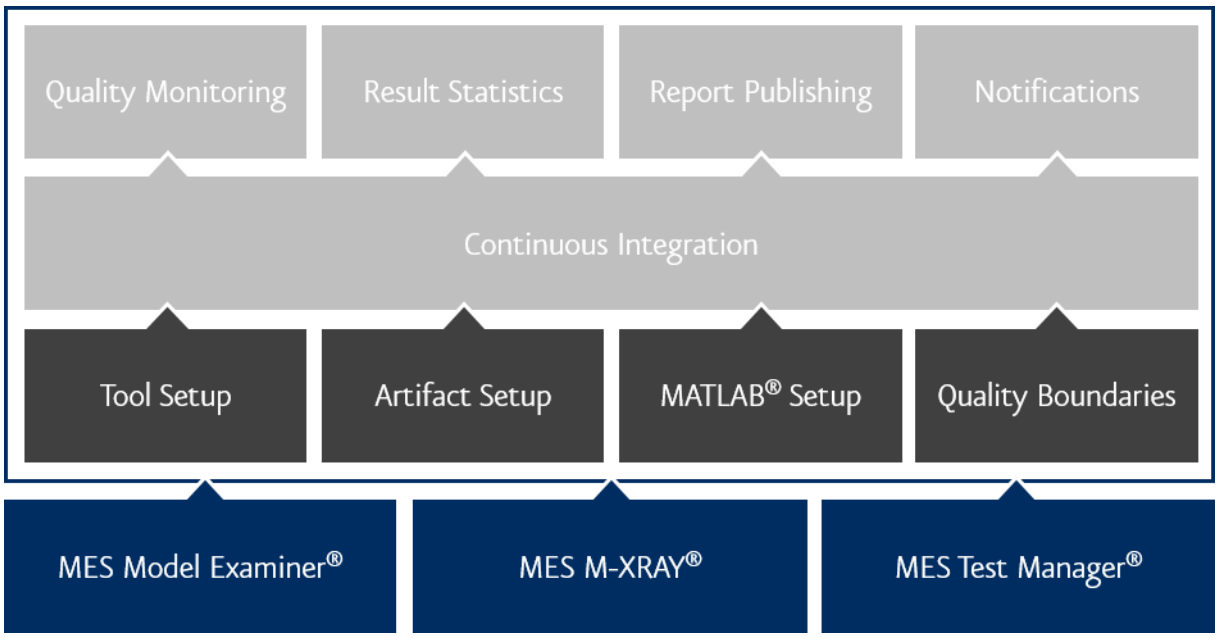
MES JENKINS PLUGIN®

MES Quality Tools in Continuous Integration

The MES Toolchain in Automated Deployment

The MES Jenkins Plugin allows you to use the MES toolchain in a continuous integration environment and automatically verify your software models to comply with quality boundaries. Easy configuration via the Jenkins UI eliminates the need to meticulously read through the APIs of each tool. Via the Jenkins User Interface you can select a model and define whether a static or dynamic analysis should be run on the model. Regularly published reports and logs makes keeping track of quality status easy.



The Jenkins Plugin provides convenient support for setting up the automation of all MES toolchain tools

Key Benefits

- Continuous quality monitoring at a glance
- Outsourcing tool usage to the Jenkins server
- Automatic verification of compliance with quality boundaries
- Easy set up and configuration via UI or pipeline script
- Notifications in case of errors
- Ensuring compliance with established standards through central configuration

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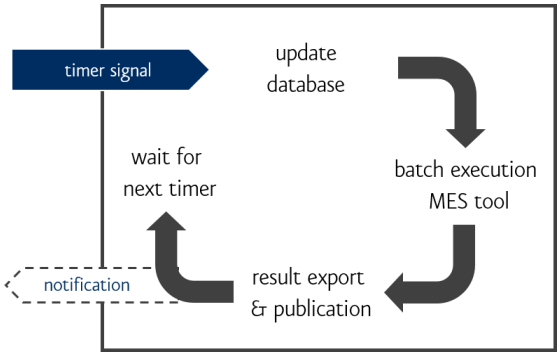
www.model-engineers.com/jenkins-plugin

Typical Applications:

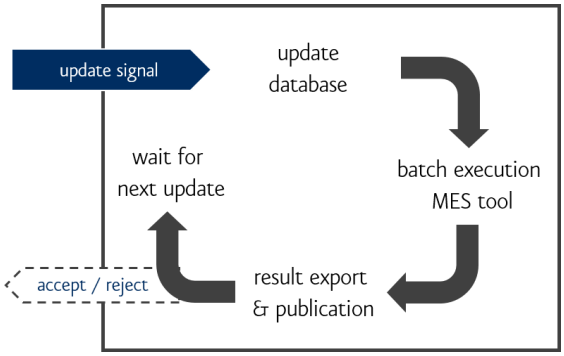
Nightly Builds

Monitor quality status regularly



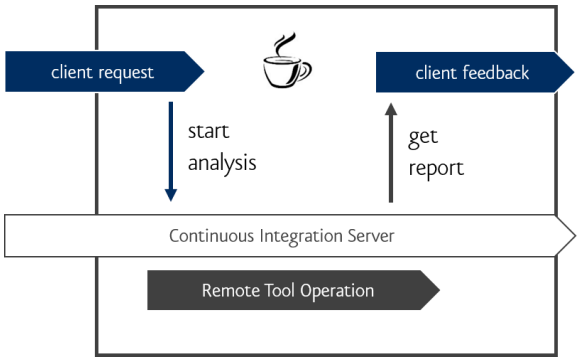
Quality Control

Reject faulty changes



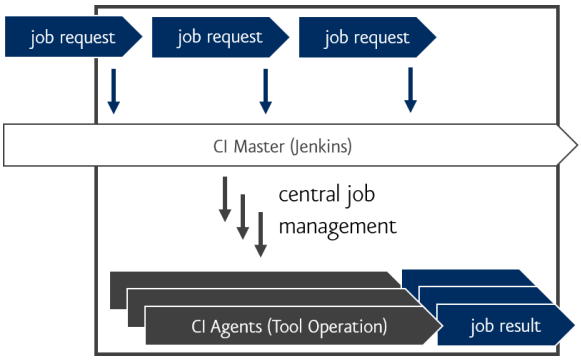
Remote Tool Operation

Outsource time-consuming tool operation
Ensure standardized tool settings



Optimal Resource Usage

Centralize tool operation
Manage resource usage



User Requirements

In order to use the MES Tools (MES Model Examiner®, MES M-XRAY® and/or MES Test Manager®) in a remote automation environment, a continuous integration license (CIL) with client access licenses (CAL) is required for each tool. The licenses are server based (FNL). A Jenkins setup on an accessible server is recommended for the remote automation environment.

Contact
Model Engineering Solutions GmbH, Waldenserstraße 2-4, 10551 Berlin, Germany
Tel: +49 30 2091 6463 0
Email: info@model-engineers.com