

InFrame Synapse ICASys

Integrated Communication Analysis System

Testing and integration of heterogeneous IT applications can be time consuming, especially if hundreds of log files are to be analyzed. Improvements in this business process will immediately impact the ramp-up time of applications and – implicitly – your new factory resources.

Therefore acp-IT has developed an integrated communication analysis system to accelerate this business process. Our acp-IT integration team can now even quicker ramp-up your production facility when rolling-out our InFrame Synapse MES and PLC products. Even it is often possible to speed-up the communication analysis between your legacy applications and the InFrame Synapse products to be integrated.

Features

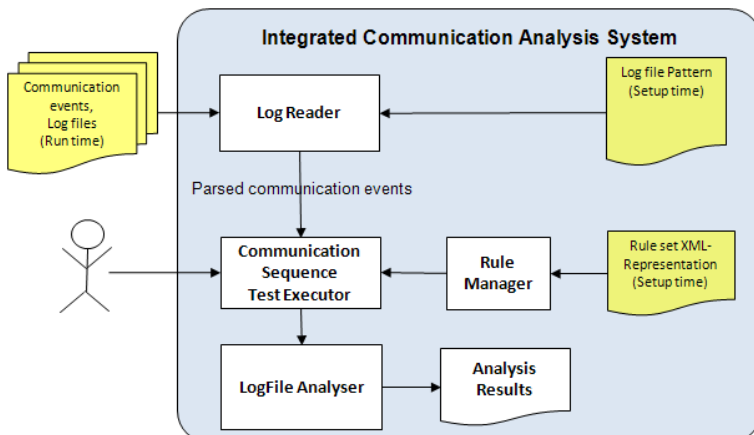
- Rule based analysis of communication patterns, in order to define any communication pattern to be analyzed
- The rules can be easily defined using XML and RegEx syntax
- Flexible XML based definition and consideration of log event sources
- Integrated into Eclipse development environments to quickly navigate the source code and to scroll the analysis results
- Very good system applicability within Java based system environments using e.g., the Log4J framework
- Training and system application for the user takes a day only

Typical application scenarios

- Searching multiple log files for a specific message
- Checking the correct sequence and time lag of messages
- Validating the correct syntax of messages and parameters
- Additional scenarios can be easily defined and combined in a test specification.

Benefits

- Accelerated analysis of communication problems in manufacturing IT systems
- Faster factory services ramp-up by shortened integration testing



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aufgrund eines Beschlusses des Deutschen Bundestages

acp-IT SERVICES

- Production IT solutions
- IT consulting
- Logistics & Digital Factory
- Product data management
- System integration

InFrame Synapse SOLUTIONS

- Tools for production planning and control as well as Manufacturing Execution Systems (MES)
- Tools for SPC, Fault Detection and Classification (FDC) and Advanced Process Control (APC), for comprehensive diagnostics of historical equipment data, process data and quality data
- Connection and integration of production equipment to MES and Process Control System (PCS)
- Engineering systems for master data supply for production
- Applications and simulation methods for planning and optimizing production lines

LOCATIONS

With our locations in

- Stuttgart
- Dresden
- Timisoara (Romania)
- Villach (Austria)

We offer professional IT products and services for production planning and control of high-tech manufacturing facilities.

CONTACT

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