

# DIGITAL ENGINEERING SUMMIT

16-17 June 2025

Rome Marriott Park Hotel, Italy



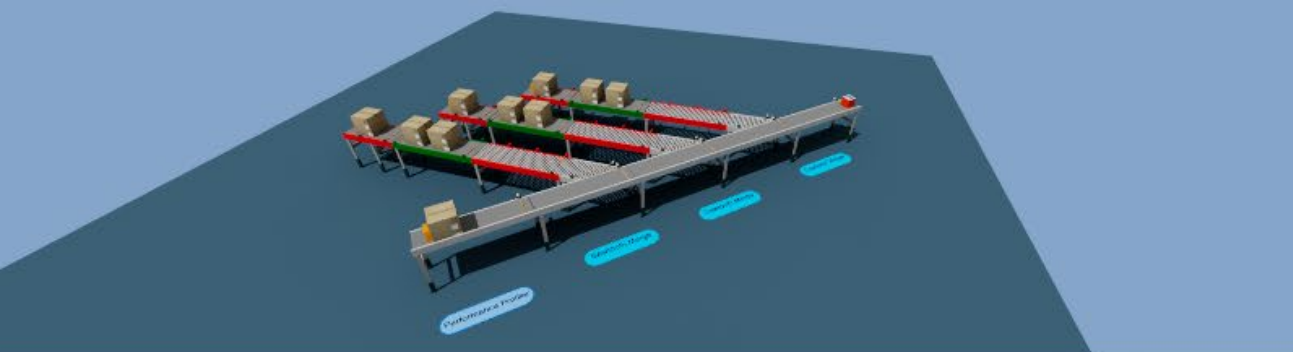
EMULATE3D

by ROCKWELL AUTOMATION



Creating the Future of

# INDUSTRIAL OPERATIONS



MessageLog

Model	Category	Message
0.00		Adding chart view Main Thread Performance.
0.00		Adding chart view Main Thread (Avg) Performance.
0.00		Adding chart view Run Speed Monitor.
0.00		Adding chart view Hotspot Monitor.
0.00	Info	New assembly created for 'QuickLogic' in cache.
0.00	Error	An exception occurred on BoxTube1.OnInitializeLogic, double click this message to go to the QuickLogic.
0.00	Exception	While processing action: Object reference not set to an instance of an object.

Edit View Debug

```

1 procedure OnInitializeLogic sender >
2   var releasingPE = my Lane . Zone3 . PE1 >
3   var laneName = my Lane . Name >
4   forever
5     set my Lane . ReleaseEnabled = false
6     var load = releasingPE . BlockingLoad >
7     set load . Name = "load1"
8     wait until releasingPE . IsBlocked is true
8     wait until my UpstreamPE . IsBlocked is false
8     print format "Preparing lane $laneName"
9     if large enough gap
10      print format "Releasing lane $laneName"
11      set my Lane . ReleaseEnabled = true
  
```

## Tips and Tricks – Model Debugging

Andrew Deeble, Emulate3D Product Manager

Nathan Cole, Emulate3D Training and Support Lead

# The Emulate3D Support Team

## Who we are

- Based in the UK, Poland, and US

## How we operate

- Level 2 support for our VARs
- Direct support in the US

## Type of support tickets

- Approaches to modelling
- Story/ Anomaly reports
- Model debugging



Reading Enterprise Centre, UK

# Emulate3D Software Community – Engage Forum

## Discussions

Share “how do I” type questions

## Library

Files linked to discussion topics and example models

## Events

Marketing and learning events

The screenshot shows the Engage Forum interface. At the top, there's a navigation bar with links to rockwellautomation.com, Contact Us, and Terms and Conditions. The Engage logo is prominently displayed, along with navigation links for Home, Communities, Directory, Events, and a dropdown for Browse. Below the logo, a large orange banner features the text "Emulate3D Software" and a "SETTINGS" button with a notification icon. A secondary navigation bar includes buttons for Community Home, Discussions (308), Library (88), Events (2), and Members (152). The main content area shows a list of threads with columns for Thread Subject, Replies, and Views. The first thread is "gantry.robot" with 4 replies and 51 views, marked as a "BEST ANSWER" by user e3d. The second thread is "external axis movement" with 6 replies and 75 views, also marked as a "BEST ANSWER" by user e3d. The third thread is "Yaskawa Plug-in is not working" with 1 reply and 15 views, marked by user e3d. A filter dropdown is set to "Most Recently Updated", and the posts are filtered to "Posts in my communities".

Thread Subject	Replies	Views
<a href="#">gantry.robot</a> <small>BEST ANSWER e3d Emulate3D</small>	4	51
<a href="#">external axis movement</a> <small>BEST ANSWER e3d Emulate3D</small>	6	75
<a href="#">Yaskawa Plug-in is not working</a> <small>e3d Emulate3D</small>	1	15

## Quick Links

The Quick Links section contains eight icons arranged in a 4x2 grid. The links are: Learning Videos, Products, Emulate3D YouTube, Documentation, Newsletter, LinkedIn, Engage FAQs, and Forums.

## Leaderboard

The Leaderboard section displays the "Monthly Most Active Members" list. It includes a "VIEW LEADERBOARD" button at the bottom.

Member	Points
Suryan	386 POINTS
Andrew Wu	227 POINTS
Mike Sarvo	114 POINTS
TomEnde	100 POINTS
Desrosiers	88 POINTS

# Summary

- Immediate Window
- Events Window
- QuickLogic Debugging
- Message Log with Context
- Performance Profiler
- Prerelease Package Feed
- Differences Window
- Find (ctrl+F)
- Asset Manager and Property Paster
- Local Package Manager
- Aliases for Properties
- Quick Access Toolbar
- Quick Search



# Thank you

[www.rockwellautomation.com](http://www.rockwellautomation.com)



