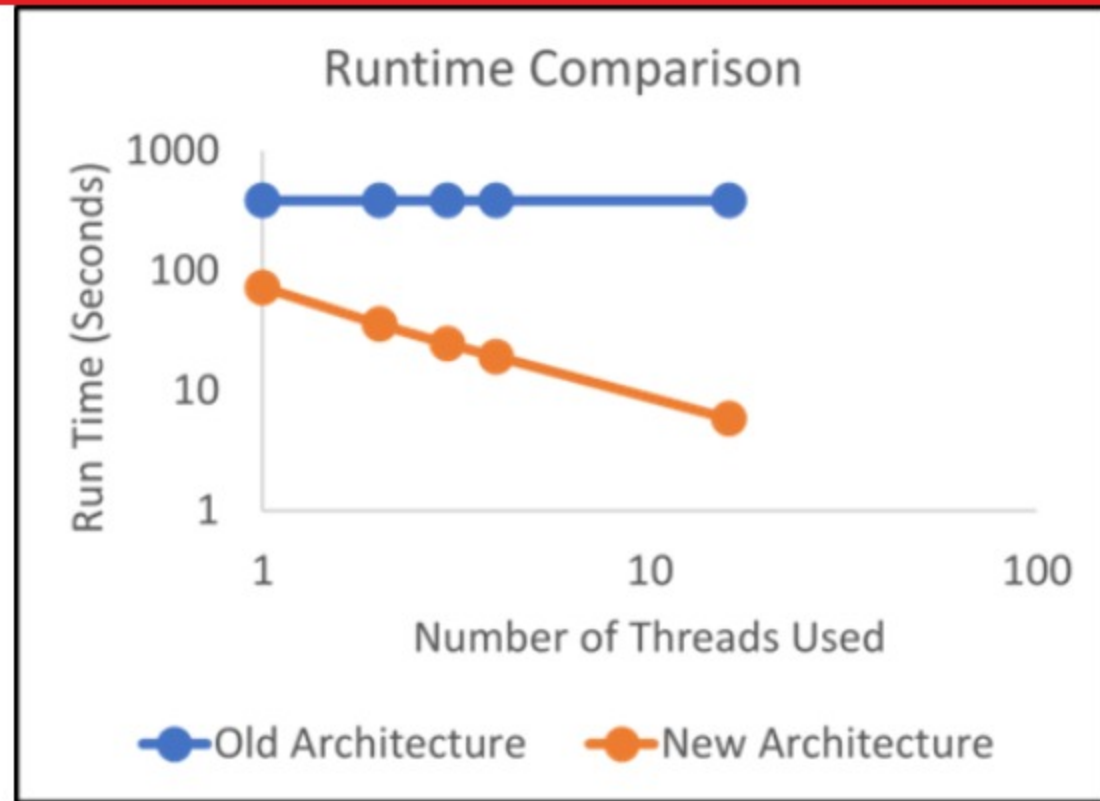


SPEAKING ENDURICAN

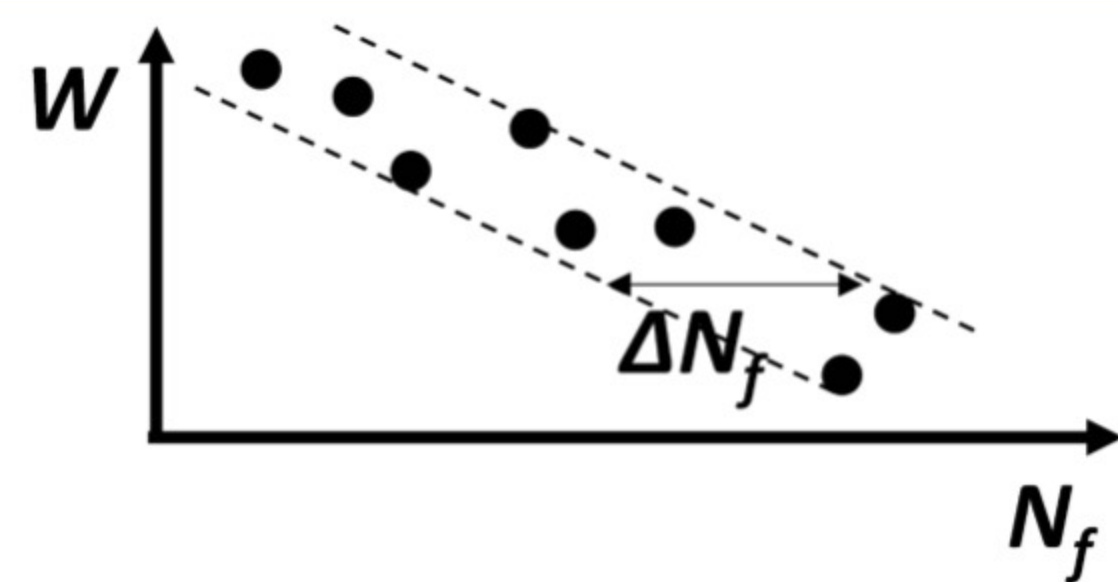
The New Endurica Architecture – It's Time to Migrate



1,219 words | 5 minute read

Our transition to a new software architecture is a vital move in navigating the dynamic technological landscape. In a recent webinar, we discussed the aspects of this transition, providing insights into the why and how of adopting a new architectural approach despite having a functional existing one. *This post highlights the motivations behind the shift, the present status of feature migration, alterations in the latest software release, and an overview of projects within this new framework.* [READ MORE](#)

Tolerances in Fatigue Life Prediction



486 words | 2 minute read

I get this question a lot: how well can the Endurica software predict fatigue life? Is it as good as a metal fatigue code, where a factor of 2x is often quoted as a target tolerance?

The answer is yes, fatigue life predictions can reach and beat this level of accuracy. But as always, knowledge and control of the problem at hand is key. We must keep in mind... [READ MORE](#)

SAVE THE DATES



FIRST EVER
ENDURICA
USERS
MEETING
APRIL 8-9, 2024

The only thing better than using the world's most-validated rubber durability simulation software is talking with others who are also Winning on Durability at our First Ever Endurica Users Meeting. An added bonus: on April 8 we will all experience the awe of a Total Solar Eclipse in Findlay, Ohio, which lies nearly centered on the path of totality...

[Learn More](#)

APPLICATION SPOTLIGHT

SILICONE

Silicone's versatility, durability and flexibility combined with its thermal and environmental stability make it an indispensable go-to material for virtually every industry. Endurica provides testing and simulation workflows for fatigue analysis of silicones. Let Endurica help you determine how long your product will last before you make your first prototype.

CAPABILITIES





[Click Here to read more and see the use case](#)

WINNING ON DURABILITY

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RSVP: [ENDURICA.COM/WORKFLOW](https://endurica.com/workflow)

FRI, DECEMBER 1, 2023 at 9 am EST (1300 GMT)

Featuring: Jesse Sutter, Endurica Development Manager; Jason Barr, Simulink Industry Process Consultant; Dr. Will Mars, Endurica Founder/President; Dr. Tom Ebbott, Endurica Vice President



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Application of Rubber Fatigue Analysis with Endurica Software

Live, Online: December 5-8, 2023 | 3 hrs/day + Office Hours

[Click for Details and to Register](#)



Rubbernecking is an interesting thing that makes us look twice -- this issue we check out rubber making muscles

A rectangular microrobot, which weighs less than one-fourth of a penny, has four sets of wings that are each driven by a soft actuator. These muscle-like actuators are made from layers of elastomer that are sandwiched between two very thin electrodes and then rolled into a squishy cylinder. When voltage is applied to the actuator, the electrodes squeeze the elastomer, and that mechanical strain is used to flap the wing. [Check it out](#)

Happy Thanksgiving

from our team to yours!





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