Monterey Phoenix Home

Welcome to Monterey Phoenix Home

Monterey Phoenix (MP) is a user-friendly, comprehensive behavior modeling tool. It can be used to model anything from systems, business processes, software, hardware, organizations to environments, including behaviors and interactions among those things. It works by transforming language input by the user into graphical scenario outputs similar to flowchart diagrams. Unlike ordinary flowchart diagrams, MP's graphical output covers all possible scenario variations (within user defined limits) and breaks out each variation to support 360 degree visibility across the model. That's important because when you are designing something, like a process or a system, you want insight into all the various behaviors allowed by your design, so you can see all the things your design might do.

Your design might do things you don't like.

It may do things you didn't expect.

Wouldn't it be great to find many more of those things early in the design and development process and fix them?

Monterey Phoenix can help with that.

MP is built to use everyday language so that anyone can use the tool. Its graphical interface makes it easy to explore all the different paths in your model, supporting a far greater scope of verification and validation (V&V) to ensure required behaviors have been captured correctly and completely early in the lifecycle. It can save time and money by exposing incorrect, unsafe, unsecure, or otherwise undesirable behaviors before they manifest in an actual system or system of systems (SoS). It can help resolve ambiguities, expose gaps, and expand on alternative possibilities that might otherwise be hard to see. Using MP is like having your own personal assistant that highlights your assumptions and forewarns you about design mistakes!

Get started with this self-paced tutorial today!

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A primary objective of MP modeling is to reduce project and product risk and cost through the verification and validation processes and systems.

Quick Links:

MP-Firebird Tool

Announcements

22 Aug 2019

MP version 4 has been deployed at https://4.firebird.nps.edu.

1 Nov 2018

The draft manual for MP version 4.0 has been made available on the Documentation page.

6 Sept 2018

MP version 3.5 has been deployed at https://firebird.nps.edu.

20 Jul 2018

MP version 3 has been deployed at https://firebird.nps.edu.

18 Jul 2018

Read about MP in the NPS news article entitled "NPS-Developed Software Detects System Design Errors Early."

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