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Study Shows How to Assess Large Language Model Fitness for Software Engineering and Acquisition

January 17, 2024—Large language models (LLMs) hold promise for efficiency and productivity gains for organizations with large software operations. But the number and variety of potential LLM use cases, as well as the technology's costs and drawbacks, make it hard to know when an LLM is the right solution. A recent SEI white paper can help decision makers assess the fitness of LLMs for software engineering and acquisition tasks.

“Does it make sense to try an LLM in the first place? How do you put safeguards around yourself so that you're using it appropriately, protecting your data, not wasting your time, and producing conclusions you know are trustworthy?” said James Ivers, an SEI principal engineer and co-author of the paper. “These are the questions we tried to help organizations answer for themselves.”

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This independent study of technical debt in Department of Defense (DoD) software-intensive systems gives a first-ever snapshot of the state of technical debt in DoD software programs.

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In this webcast, SEI researchers will explore the future of software engineering and acquisition using generative AI technologies.

Symposium - [Supply Chain Risk Management Symposium 2024](#), February 28

Join us to hear about the latest challenges and best practices in supply chain risk management (SCRM) from recognized leaders in SCRM research, as well as leading-edge practitioners from government and industry.

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