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Carnegie Mellon University

Software Engineering Institute



SEI Bulletin — May 13, 2020

Get Software Development Time Back on Your Side

Of all the resources software developers have, a programmer's direct time on a project is the most precious, says a new SEI Blog post by <u>Bill Nichols</u>, senior member of the SEI technical staff. According to "<u>Stop Wasting Time</u>: <u>Manage Time as the Limiting Resource</u>," managers have enormous sway over their team's most valuable asset and, consequently, their success.

Nichols' follow-up to his blog post "Programmer Moneyball: Challenging the Myth of Individual Programmer Productivity" provides data-driven strategies for increasing the productivity of all capable programmers on a team. "Direct project time is largely under management control," Nichols writes in the post, "so the first tool for improving programmer productivity is to maximize time available and exploit that time aggressively."

Drawing on data and experience gained from his work with the <u>Team</u> <u>Software Process</u>, Nichols shows how productivity dos and don'ts have driven real results.

Read the post "Stop Wasting Time: Manage Time as the Limiting Resource."

SEI NEWS

- Keeping Up with the SEI
- Insider Threats in the Time of COVID-19
- Nominations Sought for 2020 IEEE/SEI Watts S. Humphrey SPA Award

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SEI Publications

- Modeling System Architectures Using the Architecture Analysis and Design Language (AADL)—eLearning
 Guide to Implementing DevSecOps for a System of Systems in Highly Regulated Environments
- CMMC—Securing the DIB Supply Chain with the <u>Cybersecurity Maturity Model Certification</u> <u>Process</u>
- <u>Integrability</u>



SEI Blog

Recent posts

- <u>Situational Awareness for Cyber Security</u>
 <u>Architecture: Tools for Monitoring and</u>
 <u>Response</u>
- <u>Stop Wasting Time: Manage Time as the Limiting Resource</u>
- <u>System Resilience Part 7: 16 Guiding Principles</u> for <u>System Resilience</u>



SEI Podcast Series

Available in video and audio formats

- The Future of Cyber: Cybercrime
- Designing Trustworthy Al
- My Story in Computing with Madison Quinn Oliver

SEI Events



The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

Featured events

- Webinar <u>A Discussion on DoD Software</u>
 Advances and What's Next from SEI
- Software Engineering Workshop for Educators
- NatCSIRT 2020
- FloCon 2021



SEI Videos

Short videos of SEI work from our experts

- Webinar <u>Top 5 Considerations Before</u> Boarding the Container Ship
- Webinar <u>Trust, Verify & Authorize with</u> <u>DevSecOps</u>
- Webinar <u>Adopting a DevSecOps Culture in the DoD</u>



SEI Training

The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

- Insider Threat Program Evaluator
 July 28-30, 2020 (SEI, Arlington, Va.)
- Insider Threat Program Manager:
 Implementation and Operation
 August 11-13, 2020 (SEI, Arlington, Va.)



SEI Careers

Featured opportunities

- Machine Learning Research Scientist
- Senior Research Scientist-Machine Learning
- Information Security Analyst
- All Current Opportunities

About the SEI Bulletin

The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI community. We hope you find the SEI Bulletin useful and informative.

Send Us Your Story

Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu, and you could be featured in a future issue of the SEI Bulletin.







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