

in-toto:

https://in-toto.io

Securing the Software Supply Chain





Challenge:

 Software supply chain steps are vulnerable to attacks

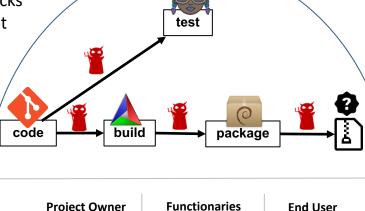
· Point solutions are not enough

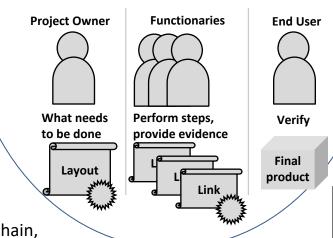
No comprehensive framework to systematically secure the entire chain

Diversity of supply chains

Solution:

- Generate cryptographically signed metadata for each step in the chain, and link together and carry these metadata throughout the entire chain
- Tool agnostic, seamless integration, expressive enough for any supply chain, compromise resilience





Scientific Impact:

- Raise the bar significantly for many classes of attacks
- Make the software development process transparent and publicly verifiable
- Incentivize developers to follow safe software practices

Broader Impact:





Through integrations, used by thousands of companies and improves the security of millions of users



debian













solarwinds



SAMSUNG





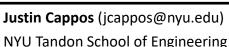
COMCAST











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