





















- [28] V. Raychev, M. Vechev, and A. Krause. Predicting program properties from big code. In *ACM SIGPLAN Notices*, volume 50, pages 111–124. ACM, 2015.
- [29] V. Raychev, M. Vechev, and M. Sridharan. Effective race detection for event-driven programs. In *ACM SIGPLAN Notices*, volume 48, pages 151–166. ACM, 2013.
- [30] K. Sadalkar, R. Mohandas, and A. R. Pais. Model based hybrid approach to prevent sql injection attacks in php. In *Security Aspects in Information Technology*, pages 3–15. Springer, 2011.
- [31] P. Saxena, D. Akhawe, S. Hanna, F. Mao, S. McCamant, and D. Song. A symbolic execution framework for javascript. In *Security and Privacy (SP), 2010 IEEE Symposium on*, pages 513–528. IEEE, 2010.
- [32] K. Sen, S. Kalasapur, T. Brutch, and S. Gibbs. Jalangi: A selective record-replay and dynamic analysis framework for javascript. In *Proceedings of the 2013 9th Joint Meeting on Foundations of Software Engineering*, pages 488–498. ACM, 2013.
- [33] K. Sen, G. Necula, L. Gong, and W. Choi. Multise: Multi-path symbolic execution using value summaries. In *Proceedings of the 2015 10th Joint Meeting on Foundations of Software Engineering*, pages 842–853. ACM, 2015.
- [34] Y. Takata, M. Akiyama, T. Yagi, T. Hariu, and S. Goto. Minespider: Extracting urls from environment-dependent drive-by download attacks. In *Computer Software and Applications Conference (COMPSAC), 2015 IEEE 39th Annual*, volume 2, pages 444–449. IEEE, 2015.
- [35] D. Y. Wang, S. Savage, and G. M. Voelker. Cloak and dagger: dynamics of web search cloaking. In *Proceedings of the 18th ACM conference on Computer and communications security*, pages 477–490. ACM, 2011.
- [36] J. Wilhelm and T.-c. Chiueh. A forced sampled execution approach to kernel rootkit identification. In *International Workshop on Recent Advances in Intrusion Detection*, pages 219–235. Springer, 2007.
- [37] X. Xing, W. Meng, B. Lee, U. Weinsberg, A. Sheth, R. Perdisci, and W. Lee. Understanding malvertising through ad-injecting browser extensions. In *Proceedings of the 24th International Conference on World Wide Web*, pages 1286–1295. International World Wide Web Conferences Steering Committee, 2015.
- [38] Y. Zheng, T. Bao, and X. Zhang. Statically locating web application bugs caused by asynchronous calls. In *Proceedings of the 20th international conference on World wide web*, pages 805–814. ACM, 2011.
- [39] Y. Zhou and D. Evans. Understanding and monitoring embedded web scripts. In *Security and Privacy (SP), 2015 IEEE Symposium on*, pages 850–865. IEEE, 2015.