Script: Building on Ghidra: Tools for Automating Reverse Engineering and Malware Analysis
SME: *Garret Wasserman and Jeffrey Gennari*
Interviewer: *Suzanne Miller*
Interview Conducted*:* Friday, October 29 at 2 p.m. ET

<Canned Intro>

Suzanne Miller: Welcome to the SEI Podcast Series. My name is Suzanne Miller, and I am a principal researcher in the SEI's Software Solutions Division.

Today I am pleased to welcome to our podcast Garrett Wasserman, a vulnerability analyst, and Jeffrey Gennari, a senior malware reverse engineer, both with the SEI's CERT Division. Today they are joining us to talk about Kaiju, not the monster-heavy genre of films and television, but a series of tools they have developed that allows for malware analysis and reverse engineering that helps analysts take better advantage of Ghidra, the National Security Agency’s reverse engineering tool.

Welcome to you both.

Garret/Jeffrey: Respond.

1. **Suzanne**: Before we delve into that topic, tell us about your backgrounds and the work that you do here at the SEI. What is the best part of your job? Jeff, you have been a guest on our podcast series before to talk about your work in this area. Why don’t you start and tell our audience a little bit about yourself.

2. **Suzanne:** Today we are here to talk about your work on Kaiju. Tell us about the series of tools and capabilities included in Kaiju as well. Let’s start off by having you explain for us the catalyst behind this work. To harken back to Heilmeir’s Catechism, what are you trying to do or accomplish with Kaiju? What problem are you trying to solve?

3. **Suzanne:** Tell us a little bit about the process of building out Kaiju. One of the benefits of working at Carnegie Mellon is

that we get to collaborate with researchers from throughout the university and beyond.

4. **Suzanne**: As I understand it, and as you explained in your blog post on this work, Kaiju is part of a larger body of work known as Pharos, which Jeff has talked with us about in a previous podcast. Tell us about this family of tools that you have developed, and what is next in this work?

5. **Suzanne**: As you know, one aspect of our work that we like to highlight in our podcasts is transition. If I want to play in the Kaiju sandbox, where do I go? What resources are available to me?

6. **Suzanne:** What is next for you? Over the next year, what problems will you and your team be working to solve?

Suzanne: Garret, Jeffrey, thank you for talking with us today about this work. For our audience, we will include links in the transcript to resources mentioned during this podcast. Thanks again for joining us.

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