

Dinis Cruz

CISO and Transformation Agent



Ed Adams

CEO, Security Innovation Inc.

August 20, 2019, Ed was senior to Dinis but didn't manage directly

Dinis is a force of nature. I have never met someone so capable as a CISO, development lead, IT risk executive, and cybersecurity educator. Dinis is all of this and more. His energy is infectious and seemingly boundless. I also have the utmost respect for him as a person. There are very few people for whom I would write such a recommendation; he is one. When you hire Dinis, you get more than 100% of a normal resource. He will tire you, but not because he is tiring, but because he never stops -- asking, questioning, interrogating, investigating. This is the kind of employee I value. [See less](#)

finalist 
Cyber Security Awards



2019 CISO of the
Year

SPV Engineering

GLASSWALL

CISO

photoboxgroup
security

Revolut

Board Member

OWASP
The Open Web Application Security Project

Dir. Advanced Tech

OUNCE LABS



**Rare combination of
management
experience
with
deep technical
skills**

Project leader
and main
developer

PLATFORM

OSBOT 
(OWASP Security Bot)

Can code in:

Python, C#, Coffeescript,
Javascript, Bash, Java,
Groovy, Go, C++, PHP,
Ruby, Swift, SQL, Perl,
Clipper, Assembly (m68k and
x86), Delphi, Pascal and
Basic

Respected by peers and team members



David Campbell

Chief Operating Officer at
Electric Coin Company
August 13, 2019, Dinis worked
with David in the same group

Dinis is a unicorn CISO that possesses a rare combination of technical acumen (yes, he still codes!) with the ability to have executive level conversations about business risk. I first worked with Dinis nearly two decades ago at an investment bank in the UK, where he brought a passion for application security to the team during a time when most in the industry were still focused on network and infrastructure risk. Since then, I've continued to collaborate with Dinis via OWASP and also have had the pleasure of working with him directly on a variety of professional engagements. I believe that Dinis defines a new paradigm for the CISO role, in which we refuse to surrender technical skills while still prioritizing the communication, organizational and political capabilities which are required to be part of the C-suite.



Jeff Williams

Co-Founder and CTO at
Contrast - DevSecOps
August 14, 2019, Jeff worked
with Dinis in different groups

Dinis is the most passionate, disruptive, and innovative application security organizer in the industry. At OWASP, he taught me a lot about creating a massive, transparent, volunteer-driven, radically open organization. Dinis can operate at the exec level but is also incredibly technical. He created innovative security tools to support his vision of how to get appsec done. He is excited to explore new approaches and innovate on the cutting edge. Dinis is a force of nature and may ruffle some feathers, but there's nobody better at disrupting the status quo and establishing an innovative, effective appsec program. I would love to work with him again. [See less](#)



Daniel Cuthbert

Global Head of Cyber
Security Research
August 13, 2019, Daniel worked
with Dinis in different groups

There are very few in this industry I respect. There are the consumers, those who take and rarely give back and then there are the creators, those who want to see change and help others break old traditions and push innovation. In the security world, Dinis is the latter and it has been a true honour to work with him on numerous projects, at an enterprise level, and with ones helping change our world.

He's passionate, quirky in a way that challenges your perceptions of people and is addictive to be around. As a modern CISO, this is what I feel should be the template. Still very technical, still able to understand how to build and be more engineering, and most importantly, someone who GETS how to make stuff more secure.

We need more like Dinis in the C-suite layer. [See less](#)



Jon Hawes

Head of Detect & Security
Innovation @ Photobox
Group
June 22, 2019, Jon reported
directly to Dinis

Dinis is a visionary security leader who has the rare gift of being able to operate and deliver with equal comfort at strategic and technical levels. His generosity with his time for any member of the team, his keen fostering of debate about the 'why and how' of priorities, his trust, and his constant smile (regardless of pressures) set an amazing example to all of us at Photobox. I would work with him again in a heartbeat, and if you have the opportunity, take it! It will be life-changing and career transforming. Thank you for everything Dinis. [See less](#)

Innovate and Transform



Ian Spiro
Cybersecurity Risk And Assurance | Principal Consultant - US at Wipro Technologies Application Security Technical Lead
August 17, 2019, Dinis was senior to Ian but didn't manage directly

Dinis "does not fit the mold" Cruz is the most motivated, productive, inquisitive and fearless leader whom I've had the pleasure of working with and learning from. Any manager or recruiter that cares more about resume format or content than having an opportunity at hiring one of the top technical minds in the industry just doesn't get it.

Dinis has always been the one to follow and those of us fortunate enough to have been taken under his wing have found that his true genius is his infectious appetite for learning. Whether pushing the boundaries of every technology, process or artificial social construct in his path, Dinis Cruz is a man of the future.

Don't be fooled by the myth that he's a robot in human clothing, he only codes that way because no one else will. It's also not true that he doesn't need sleep, it's just that neither sleep, fame nor fortune are as important to him as solving the next problem which the security industry as a whole will likely run straight into in a couple of years.

Dinis is that rare CISO combination; clarity of vision and business value coupled with deep cyber experience and practical hands-on coding skills. It means he can deliver transformation of the security function and leverage it across the business, attract and motivate key cyber talent in a hot market and engage the open-source security community to validate and peer review his best practice methodologies.



Sam Stepanyan
Application Security / Cyber Security Consultant / OWASP London Chapter Leader / F5 & Imperva WAF Subject Matter Expert
September 3, 2019, Dinis worked with Sam in the same group

Let me start by saying if you don't know who Dinis Cruz is you probably don't know much about Application Security / CyberSecurity industry!

Dinis is one of OWASP and Application Security industry's true legends - a restless warrior, an inspirational leader, mentor and visionary.

There are two fascinating things about Dinis: 1. He is an amazing visionary and innovator - well ahead of his time. He constantly generates new ideas and keeps asking 'Why don't we do this?'. Once you come out of a conversation with Dinis you feel that you witnessed something great, that 'Eureka' moment. For example Dinis was doing DevSecOps (or SecDevOps) long time before people even started talking about the concept and by that time Dinis had already published a book called 'SecDevOps and Risk Workflow'!

2. The Energy that Dinis radiates. It's contagious. I will never forget how several years ago at AppSec EU conference in Rome Dinis Cruz was delivering one of his talks. I already knew what kind of a 'force of nature' and a genius that Dinis is. However 500+ people in the audience in Rome were experiencing Dinis presenting for the first time and they could not believe their eyes and their ears - that is how engaging Dinis was. When Dinis finished presenting and asked if anyone had any questions a member of the audience picked up a microphone and said 'I have never seen a talk like this before - I am sweating just because I have been listening to you!"

Dinis is a humble and confident genius who leads, motivates and inspires people for greatness. If you have a chance to work with him, have him as a mentor, conference speaker or as a CISO - do not miss it.



Ben Schofield
Digital Media Consultant - media logistics and metadata
August 19, 2019, Ben reported directly to Dinis

Mentor talent and Created diverse teams



Jane Frankland
CISO Advisor, Author,
Keynote Speaker &
Champion for Women in
Cybersecurity

September 4, 2019, Jane
worked with Dinis but at
different companies

I've known Dinis for nearly twenty years, having first been introduced to him at an OWASP event. Since then, I've enjoyed watching him transition from an enthusiastic, technical consultant to a highly inspiring, collaborative and inclusive leader. What's striking about Dinis is his unwavering passion for the industry, his love of problem solving, and his commitment to excellence. He encourages this in his team, too, making working with him both rewarding and fun. Finally, as a huge champion of gender diversity, and a great supporter of the IN Security Movement, I am very happy to recommend Dinis! [See less](#)



Ann-Marie Grace
Available for contract work
from September

August 22, 2019, Ann-Marie
reported directly to Dinis

Dinis is one of the most inspiring managers I have ever worked with. His unquenchable enthusiasm for his work and his faith in his team are hugely motivating, and his ability to think creatively and holistically, especially in pressured situations, are invaluable to any team or organisation. His leadership style fosters a collaborative environment, and his mentoring skills allow his team to develop and deliver. I would be very happy to work with Dinis again. [See less](#)



Andra Lezza
Application Security
Specialist at Worldpay |
OWASP London Chapter
Leader | OWASP WIA
London Co-Founder

August 15, 2019, Dinis worked
with Andra in the same group

I have been very lucky to have met Dinis so early in my career. He is one of the most passionate and inspiring people I have had the chance to collaborate with. He's had a substantial impact on each team and company he's worked with and the breadth and passion for all aspects of security and innovation have influenced and motivated not only company-wide shifts towards security best practices, but also changed the mentality of various groups about security in general.



Maeve Scarry
Product & Platform
Associate Security
Engineer at Photobox
Group

August 18, 2019, Maeve
reported directly to Dinis

I have thoroughly enjoyed working as part of Dinis' team, and have been fortunate to work closely with Dinis on a number of projects. An enthusiastic, innovative and motivated individual, Dinis is passionate about the technology industry and especially Security. I have learnt so much from working with Dinis, he is extremely creative at generating ideas, working through solutions to problems and mentoring people through their career journeys.

Dinis has extensive technology, programming and security knowledge and is committed to sharing his insight with those around him, whether it is during the working day, at meet-ups, on twitter, through blog posts or writing a book (he is the author of 'Generation Z Developers'). What I have also observed about Dinis is his, optimistic attitude, adaptability and the inquisitive way he embraces new technology or ways of thinking. It was Dinis who first introduced me to Jupyter notebooks, Wardley maps and the concept of presenting data in a hyperlinked, graph based format, and in doing so, he has broadened my outlook.



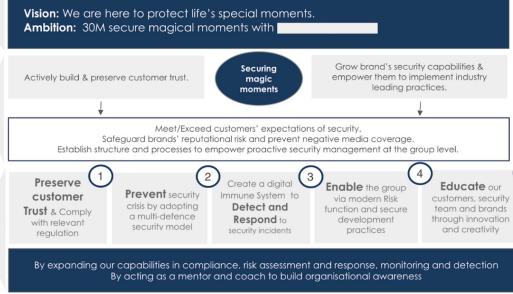
Lauren Chiesa
Security Consultant

September 18, 2019, Lauren
worked with Dinis but at
different companies

I haven't had the pleasure of working for Dinis but that hasn't prevented him from making an impact on me. We first connected properly at the Open Security Summit where, despite him being pulled in all directions as the organiser, he found plenty of time to check in about some ideas I had - challenging me on them and helping me develop them.

Since then, he's helped me recognise my value in the industry, inspired me to think about how I can use data science to better communicate Security risk and encouraged me to present on my ideas I learned at the Open Security Summit. In the short time I've known Dinis, I've absorbed a lot of wisdom from him and I'm very grateful that he invested some of his time in my development. I have no doubt that I can speak for many people when I say that Dinis has always been overwhelmingly generous with his time and is happy to invest in and support anyone that shows curiosity and passion about not only Security but Data Science and Automation!

Strategy

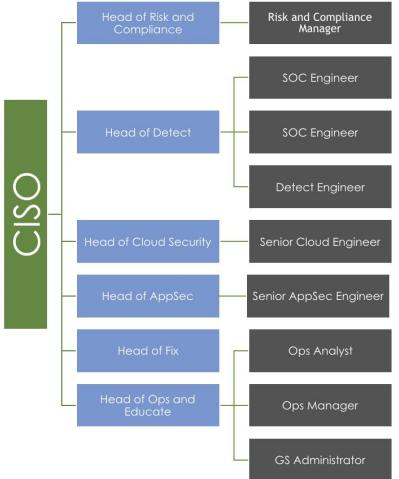


Risk Dashboards

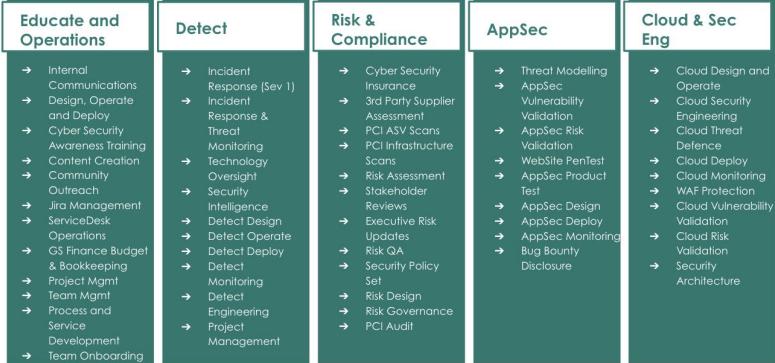
Employee awareness and responsibility	Incident detection and response	Governance & oversight	Secure Applications & Services	Protect Data	Protect Brand
Security training & awareness	Threat Intelligence	Policies and standards	Security testing	Company assets	Keep customer data confidential
Role specific training	Incident Detection	Playbooks	Patching process	Access Controls	Create accurate products
Defined roles & responsibilities	Incident Response	Business Continuity and Disaster Recovery	Security by Design	Network implementation	Provide reliable services
	Breach Alerting	Define and quantify compliance status	Secure by default	End-of-Life systems/software	Trust in the brand
	Attack Simulation	Oversight on 3rd parties	Secure in deployment	Unsupported hardware/software	
		Security assurance	Cloud security infrastructure		

Modern CISO

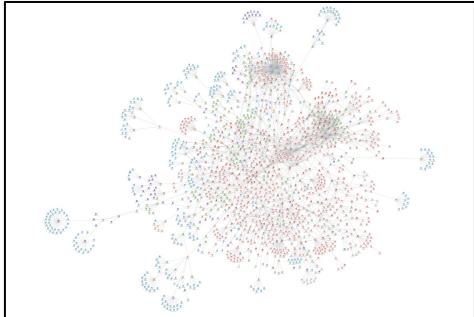
Create strong team



Services Driven



Graph everything



Services Driven

Educate and Operations

- Internal Communications
- Design, Operate and Deploy
- Cyber Security Awareness Training
- Content Creation
- Community Outreach
- Jira Management
- ServiceDesk Operations
- GS Finance Budget & Bookkeeping
- Project Mgmt
- Team Mgmt
- Process and Service Development
- Project Management
- Team Onboarding

Detect

- Incident Response (Sev 1)
- Incident Response & Threat Monitoring
- Technology Oversight
- Security Intelligence
- Detect Design
- Detect Operate
- Detect Deploy
- Detect Monitoring
- Detect Engineering
- Project Management

Risk & Compliance

- Cyber Security Insurance
- 3rd Party Supplier Assessment
- PCI ASV Scans
- PCI Infrastructure Scans
- Risk Assessment
- Stakeholder Reviews
- Executive Risk Updates
- Risk QA
- Security Policy Set
- Risk Design
- Risk Governance
- PCI Audit

AppSec

- Threat Modelling
- AppSec Vulnerability Validation
- AppSec Risk Validation
- WebSite PenTest
- AppSec Product Test
- AppSec Design
- AppSec Deploy
- AppSec Monitoring
- Bug Bounty Disclosure

Cloud & Sec Eng

- Cloud Design and Operate
- Cloud Security Engineering
- Cloud Threat Defence
- Cloud Deploy
- Cloud Monitoring
- WAF Protection
- Cloud Vulnerability Validation
- Cloud Risk Validation
- Security Architecture



Created OWASP Summit* event.
Motivated 100+ Security professionals to collaborate together, and
release knowledge/code under Open Source (or Creative Commons)
* now called Open Security Summit



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Computing & Internet Computer Science

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GEN Z DEVELOPERS
Key concepts and ideas for the next generation of developers

QUESTION EVERYTHING
MAKE FACT BASED DECISIONS
UNDERSTAND THE HISTORY OF TECH
LEARN HOW TO LEARN
UNDERSTAND WHAT GAME IS BEING PLAYED
DEVELOP INTELLECTUAL CURIOSITY
SHAKE THINGS UP

DINIS CRUZ

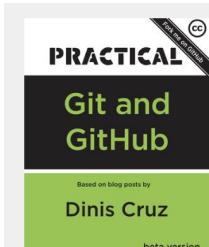
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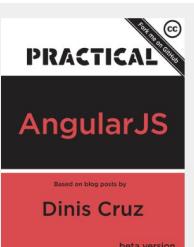
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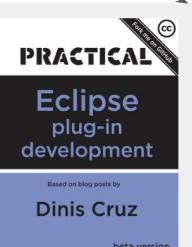
Key concepts and ideas for the next generation of developers. I'm focusing on Generation Z because I believe they've missed the historical understanding of a number of key technology revolutions in order to be competitive in the market place. At the current pace of technological advancement, so much history can be taken for granted. Without a full understanding of the past, we only learn from shadows and



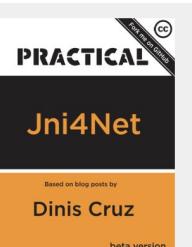
Practical Git and GitHub
Dinis Cruz



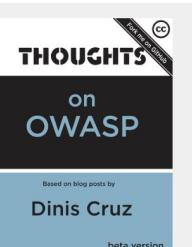
Practical AngularJS
Dinis Cruz



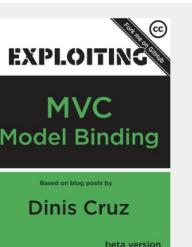
Practical Eclipse Plugin Development
Dinis Cruz



Practical Jni4Net
Dinis Cruz



Thoughts on OWASP
Dinis Cruz



Exploiting MVC Model Binding
Dinis Cruz



SecDevOps Risk Workflow
Dinis Cruz



Hacking Portugal
Dinis Cruz

Technical and strategic presentations



Evolving challenges for modern enterprise architectures in the age of APIs

Dinis Cruz, CISO, Photobox
April 2018

 photobox moonpig posterXXL Hofmann

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Using Security to drive Chaos Engineering

Dinis Cruz, CISO, Photobox
April 2018

photobix moonpig posterxx Habitacion

Improving the Quality of Your Cyber Security Hires via Pre-Interview Challenges

Dinis Cruz
ISO Photobox Group, 25th Jan 2018

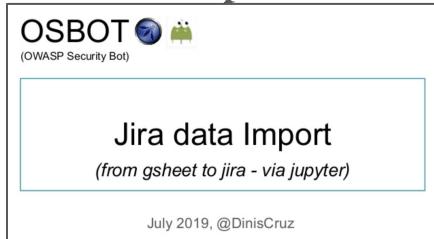
 Hofmann

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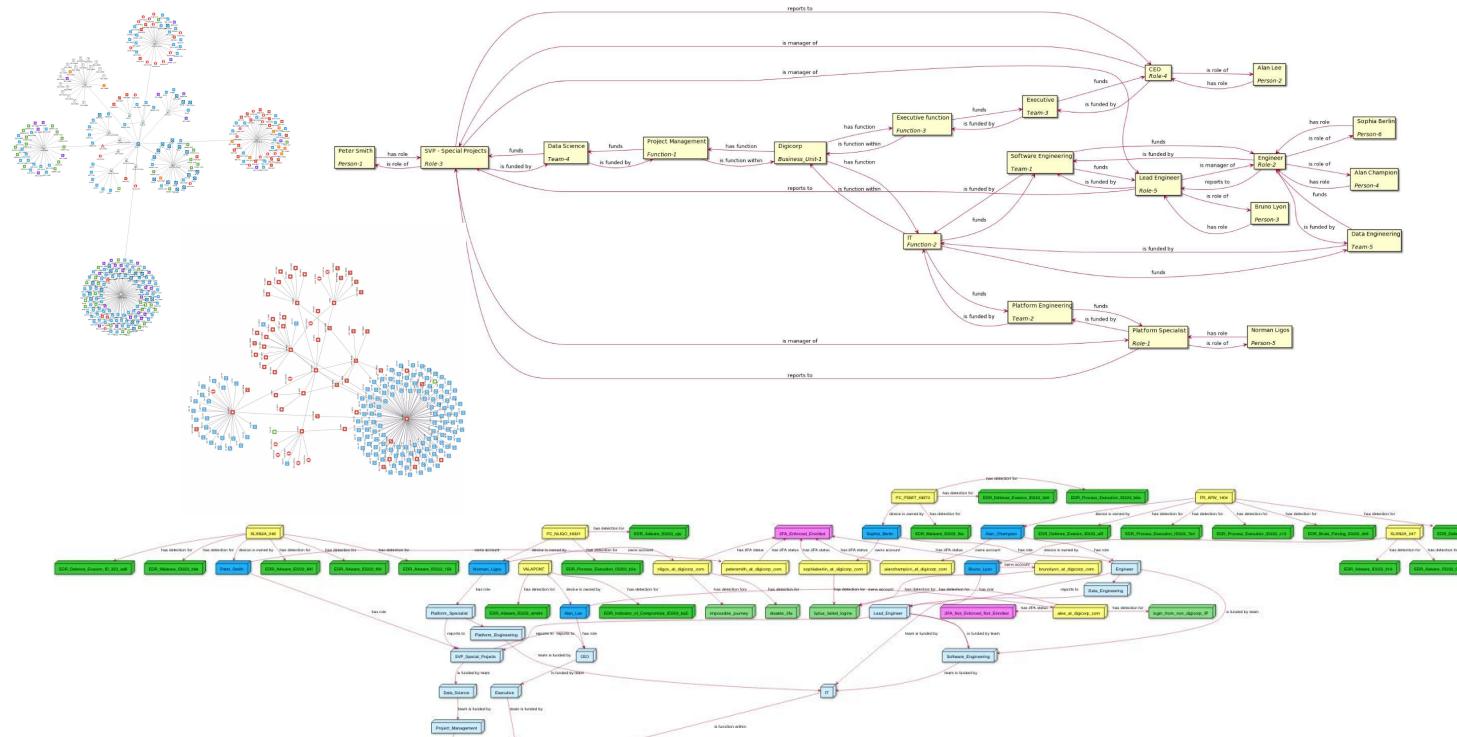
Creating a Graph-based Security Organisation



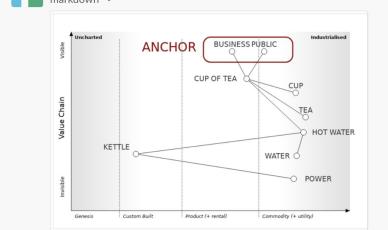
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Thinks in Graphs and Maps



gs-bot APP 7:49 PM
gsbot APP 7:49 PM
markdown ▾

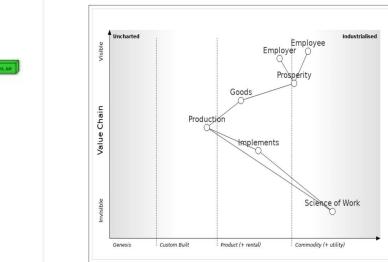


Wardley map - Taylorism

For dynamically generating a Wardley Map using Serverless Functions

```
1 (12) "Uncharted"
from env_ktl_with_input"
Input: "Uncharted"
add("Employee", 3, 1)
add("Product", 2, 1)
add("Customer", 2, 2)
add("Supplier", 2, 2)
add("Competitor", 2, 3)
add("Regulator", 1, 4)
add("Technique", 1, 4)
add("Tool", 1, 4)
add("Process", 1, 4)
add("Resource", 1, 4)
add("Skill", 1, 4)
add("Production", 1, 4)
add("Source of Ideas", 1, 4)

Env: "Employee", "Product", "Customer", "Supplier", "Competitor", "Regulator", "Technique", "Tool", "Process", "Resource", "Skill", "Production", "Source of Ideas"
```





Video interviews and presentations

the
cyber leaders'
network

**DINIS CRUZ, CISO OF PHOTOBX
GROUP ON HOW TO IDENTIFY,
COMMUNICATE AND RESOLVE CYBER
SECURITY RISKS.**



<https://cyberleadersnetwork.org/dinis-cruz-ciso-of-photobox-on-how-to-identify-communicate-and-resolve-cyber-security-risks/>



LinkedIn, GitHub, Twitter, Blog, Email

LinkedIn Profile

Dinis Cruz
CISO (looking for my next challenge)
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Information Technology and Services

<http://www.linkedin.com/in/diniscruz>

dinis.cruz@owasp.org

Twitter Profile

Dinis Cruz
@DinisCruz
(Looking for my next Challenge)
CISO of PhotoBox Group. Finalist for CISO of the Year 2019 at #CyberSecurityAwards

Personal account, options are my own
London ⌂ blog.diniscruz.com Joined September 2008

373 Following 4,104 Followers

<https://twitter.com/DinisCruz>

GitHub Profile

2,229 contributions in the last year

Contribution settings ▾

Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Mon	Less	More										
Wed	More											
Fri	More											

Learn how we count contributions.

<http://github.com/diniscruz>

Dinis Cruz Blog

A personal blog about: transforming Web Application Security into an 'Application Visibility' engine, the OWASP O2 Platform, Application/Data interoperability and a lot more

Home AppSec Presentations OWASP O2 Platform Real-Time Vulnerability Feedback in VisualStudio About

WEDNESDAY, 12 DECEMBER 2018

Creating Wardley Maps using Lambda Functions

One of the biggest limitations that I had when trying to use/create Wardley Maps was my inability to programmatically create the maps (ideally via a DSL or something like DOT language).

What I really wanted was to be able to create Maps from an serverless environment, namely from an Lambda Function.

After some research, I was able to find a nice way to do just that :slight_smile: (all the code is available on this GitHub repo <https://github.com/gpb-gs/wardley-maps-generator>)

<http://blog.diniscruz.com/>