

Event Driven Surveillance Possibilities And Challenges

[#event driven surveillance](#) [#smart monitoring solutions](#) [#AI security challenges](#) [#predictive analytics security](#) [#future of surveillance](#)

Explore the exciting possibilities of event-driven surveillance, which leverages real-time data to enhance security and operational efficiency. This advanced approach promises proactive threat detection and intelligent decision-making, yet it also introduces significant challenges, including data privacy concerns, the complexity of system integration, and ethical considerations surrounding AI deployment in monitoring.

The archive includes lecture notes from various fields such as science, business, and technology.

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Event Driven Surveillance Possibilities And Challenges

government surveillance, although the two can be mutually reinforcing. The concept of surveillance capitalism, as described by Shoshana Zuboff, is driven by a... 33 KB (3,228 words) - 14:41, 13 March 2024

The analysis of big data presents challenges in sampling, and thus previously allowing for only observations and sampling. Thus a fourth concept, veracity... 160 KB (16,282 words) - 20:33, 15 March 2024

June 2017. The possibilities of billions of people connected by mobile devices, with unprecedented processing power, storage capacity, and access to knowledge... 56 KB (6,113 words) - 18:18, 22 March 2024

stock market crash. Yet the impact of computer driven trading on stock market crashes is unclear and widely discussed in the academic community. The... 72 KB (8,927 words) - 19:46, 22 March 2024

Streichert, Laura C. (July 2017). "A Practitioner-Driven Research Agenda for Syndromic Surveillance". Public Health Reports. 132 (1_suppl): 116S–126S... 108 KB (11,931 words) - 10:16, 2 March 2024

number of hostile events coincide with coordinated cyber attacks against a major civilian internet service provider and maritime surveillance system. The attacks... 149 KB (15,967 words) - 13:54, 9 March 2024

assisted in the reconstruction of the surveillance operation mounted against the IRA members in the weeks before 6 March, and the journalists hired a helicopter... 59 KB (8,370 words) - 20:57, 6 March 2024

(2015). The BRICS formation in reshaping global communication: Possibilities and challenges. In K. Nordenstreng & D. Thussu (Eds.) Mapping BRICS media (pp... 65 KB (6,585 words) - 23:11, 13 March 2024

of instruments and funding possibilities available. However, the full support of Member States, the

European Parliament, the Council, and stakeholders is... 45 KB (6,475 words) - 09:16, 1 February 2024

for anyone at substantial risk of HIV infection; Event-driven PrEP for men who have sex with men; and The dapivirine vaginal ring (DPV-VR) for women at... 74 KB (7,819 words) - 02:41, 10 March 2024
TYSON, LAURA D., and Christine Lagarde. "Trade and Policy Adjustment to Automation Challenges." Meeting Globalization's Challenges: Policies to Make... 105 KB (12,515 words) - 02:48, 22 February 2024

conservative, however, sees possibilities for technological progress and personal freedoms that lie beyond market-driven economics, finding inspiration... 154 KB (16,939 words) - 17:54, 7 March 2024
JN (September 2021). "Genomic-informed pathogen surveillance in Africa: opportunities and challenges". The Lancet. Infectious Diseases. 21 (9): e281–e289... 149 KB (15,716 words) - 20:06, 1 February 2024

can be used for generating population and tourism statistics, for measuring human mobility, creating data-driven solutions in urban planning, establishing... 27 KB (3,263 words) - 22:37, 3 December 2023
fascination with turning certain conventions this way and that, to reveal their unexpected possibilities." The director has also stressed the importance of... 126 KB (10,930 words) - 12:26, 13 March 2024
is freely moving, and the effects of anthropogenic factors. Anthropogenic factors have driven significant changes in ecosystems and species distribution... 27 KB (2,873 words) - 17:11, 3 February 2024
insomnia, post-marketing surveillance showed that the drugs were associated with a possible increase in suicidal behavior and other side effects such as... 27 KB (2,282 words) - 04:20, 19 March 2024
surveillance infrastructure and laboratories to properly test samples and diagnose cases. Haiti was tasked with developing surveillance systems and laboratories... 78 KB (8,398 words) - 09:04, 9 March 2024

War: surveillance and US-Israeli collaboration in war and security". In Zureik, Elia; Lyon, David; Abu-Laban, Yasmien (eds.). Surveillance and Control... 310 KB (36,583 words) - 00:46, 23 March 2024

local storms and hydrological events, using modified versions of those used by Navy aircraft to create the WSR-57 (Weather Surveillance Radar, 1957),... 75 KB (8,710 words) - 02:44, 2 March 2024

Event-Driven Architecture: Explained in 7 Minutes! - Event-Driven Architecture: Explained in 7 Minutes! by Alex Hyett 58,330 views 11 months ago 7 minutes, 18 seconds - Event, **-driven**, architecture is an essential architectural pattern used with microservices. In this video, I cover what it is, when you ...

What is Event Driven Architecture?

When to use it?

Advantages

Disadvantages

Event Driven Architecture - Understanding the Basics - Event Driven Architecture - Understanding the Basics by Execute Automation 68,433 views 2 years ago 14 minutes, 49 seconds - In this video, we will discuss what is **Event,-Driven**, Architecture and we will understand the basics of EDA from a complete ...

Introduction

Classical Monolith Architecture

Microservice Architectures

Event-Driven Architecture

Event-Driven Architecture designing

Apache Kafka

Events

Understanding Events

Event Streaming

Producer/Consumer of Events

Real Event-Driven Architecture app (.NET)

Managing Event Driven Architectures - Ian Cooper - NDC London 2022 - Managing Event Driven Architectures - Ian Cooper - NDC London 2022 by NDC Conferences 11,441 views 1 year ago 1 hour - You should be careful what you wish for. Once you have succeeded in persuading your team to adopt an **event,-driven**, ...

Event-Driven Business - Event-Driven Business by IBM Technology 4,217 views 9 months ago 3 minutes, 20 seconds - With customer needs and market dynamics always shifting, thousands of business **events**, flow through your organization every ...

Event-driven Model Monitoring - Event-driven Model Monitoring by Yields io 31 views 4 months ago 3 minutes, 41 seconds - Model **monitoring**, enables financial institutions to identify **issues**, track model degradation, and ensure that models perform as ...

Event-based cameras: Advantages, Disadvantages and Challenges - Event-based cameras: Advantages, Disadvantages and Challenges by Event-based Robot Vision 1,235 views 3 years ago 9 minutes, 22 seconds - Event, **-based**, Robot Vision © Guillermo Gallego 2020 Slides: ...

Intro

Working principle

Key words

Challenges

Advantages

Disadvantages

Challenge

Comments

BEWARE of Consumer Lag! Event Driven Architecture Monitoring - BEWARE of Consumer Lag!

Event Driven Architecture Monitoring by CodeOpinion 6,449 views 1 year ago 10 minutes, 39 seconds - An essential aspect of **Event,-Driven**, Architecture is understanding how your system is performing (throughput). Everything is ...

Intro

Consumer Lag / Queue Length

Competing Consumers

Increased Processing Time

Ordering

Eldercam: Event-driven AI for Surveillance • John Page • GOTO 2022 - Eldercam: Event-driven AI for Surveillance • John Page • GOTO 2022 by GOTO Conferences 15,848 views 11 months ago 38 minutes - John Page - Distinguished Engineer at MongoDB ABSTRACT In this heartfelt talk John will describe how he used the **event driven**, ...

Intro

The rough setup

MongoDB document databases

The MongoDB query API

Arduino IDE

Realm browser SDK

Atlas serverless function

JSON has limits

EJSON

HTTPS endpoints

Alerts on events

Daily roundup

Tidy up

Outro

FEARFUL! U.S Treasury RUSH to BEG China From Sanctioning U.S - FEARFUL! U.S Treasury RUSH to BEG China From Sanctioning U.S by Innovative Check 394 views 1 hour ago 7 minutes, 33 seconds - In this video, we delve into the high-stakes diplomacy of Treasury Secretary Janet Yellen's upcoming visit to China, against a ...

1.5 Trillion In Social Security Benefit Cuts - 1.5 Trillion In Social Security Benefit Cuts by Social Security Disability Benefit Videos SSI SSDI 16,334 views Streamed 2 days ago 32 minutes - In this video, Disability Attorney Walter Hnot goes over the Republican plan to end our current form of Social **Security**, Benefits.

Biggest surprise of the day! Sinwar's senior chiefs wiped out by Israeli airstrike on Rafah! - Biggest surprise of the day! Sinwar's senior chiefs wiped out by Israeli airstrike on Rafah! by 24H World News 51,021 views 2 days ago 23 minutes - Biggest surprise of the day! Sinwar's senior chiefs wiped out by Israeli airstrike on Rafah!

"Prepare For 'Black Swan' Event!" - Ron Paul's "Very, Very Dangerous" Warning To Tucker - #330 -

"Prepare For 'Black Swan' Event!" - Ron Paul's "Very, Very Dangerous" Warning To Tucker - #330

by Russell Brand 119,933 views Streamed 2 days ago 1 hour, 13 minutes - On today's show we're covering: Julian Assange's rumoured plea deal and **potential**, release; Hunter Biden's explosive ...

Ford CEO: "This New Engine Will Destroy The Entire EV Industry" - Ford CEO: "This New Engine Will Destroy The Entire EV Industry" by Discoverize 6,527 views 8 hours ago 21 minutes - For copyright

matters, please contact: juliabaker0312@gmail.com Welcome to the Discoverize! Here, we dive into the most ...

Frank Luntz Shocked By Trump's Strong Chances In 2024, Explains Where Biden Is Weak With Voters - Frank Luntz Shocked By Trump's Strong Chances In 2024, Explains Where Biden Is Weak With Voters by Forbes Breaking News 114,105 views 8 days ago 22 minutes - On "Forbes Newsroom," pollster Frank Luntz gave his take about how illegal immigration, President Biden's age, former President ...

US Army Prepares as 132k Migrants Attempt To Cross US-Mexico Border - US Army Prepares as 132k Migrants Attempt To Cross US-Mexico Border by Stealth 58,069 views 3 days ago 20 minutes - As tensions simmer at the US-Mexico border, the startling number of over 132000 migrants gearing up to cross into the United ...

Domain Driven Design: What You Need To Know - Domain Driven Design: What You Need To Know by Alex Hyett 70,108 views 10 months ago 8 minutes, 42 seconds - When you are trying to design software, one of the best ways to do this is to mimic how the business is structured in the real world.

Introduction

Strategic Design

Ubiquitous Language

Bounded Context

Context Mapping

Anti-Corruption Layer

Tactical Design

Event Driven Architecture in the Real World! 4 Practical Examples - Event Driven Architecture in the Real World! 4 Practical Examples by CodeOpinion 28,650 views 2 years ago 9 minutes, 22 seconds - Event Driven, Architecture has many benefits. Loose and temporal coupling, scaling, resilience, and more. But what does that ...

Intro

External Integrations

Workflows

State Transfer

Temporal Decoupling

URGENT: Act THIS WEEK to Get More Social Security Benefits - URGENT: Act THIS WEEK to Get More Social Security Benefits by Low Income Relief 19,207 views Streamed 1 day ago 13 minutes, 47 seconds - Major Social **Security**, changes are happening RIGHT NOW, and they could put more money in your pocket. In this video, I'll break ...

HUGE CHANGES to Social Security

TOPS Deductions: Get a 15% Boost?

COLA Myths Debunked: Fact vs. Fiction

Support the COLA Bill: Your Voice Matters

Retirement Age Increase?

Security Challenges and Opportunities of Remote Work | Kill the VPN | - Security Challenges and Opportunities of Remote Work | Kill the VPN | by Teleport 115 views 3 years ago 1 hour - The COVID-19 pandemic forced many organizations to shift to a remote workforce almost overnight, most of which were not ...

About Menlo Security

Security Challenges and Opportunities of Remote Work

The Security Implications of Using those Technologies

Phishing Emails

Regulated Industries

Digital Transformation

The Second Home Analogy

How To Secure the Dev Environment

Automating Event Driven Security in the AWS Cloud - Automating Event Driven Security in the AWS Cloud by Amazon Web Services 478 views 6 years ago 24 minutes - ---AWS Public Sector Summit Singapore 2017--- You are quickly building and deploying exciting services on top on the AWS ...

Intro

Cloud Security

Incident Response

Suspicious Objects

Demo

Defend shielding vulnerable apps

Overcoming the Challenges of Conducting a Security Risk Analysis - Overcoming the Challenges of Conducting a Security Risk Analysis by Etactics 55 views 6 years ago 59 minutes - On January, 25th, Etactics and Info GPS held a special webinar **event**, "Overcoming the **Challenges**, of Conducting a **Security**, Risk ...

Introduction

Paul Hugenberg

HIPAA Security Rule

Current News

SRA Drivers

Required and Addressable Controls

Scope and Resources

Vendors

Systems Security Risk Assessment

The Mach Numbers Cube

The 3 Types of Controls

One Line Example

The Secret

Automation

Ongoing Documentation

Triage Approach

Myths

Event Driven Architecture for Real-Time Web - Event Driven Architecture for Real-Time Web by CodeOpinion 19,568 views 2 years ago 11 minutes, 8 seconds - Event Driven, Architecture isn't just for communicating between services or systems. It's a characteristic of your architecture.

Intro

Publish/Subscribe

Demo App

Publisher

Consumer

Demo

Event-driven Architecture - Everything You Need to Know - Event-driven Architecture - Everything You Need to Know by Learn Fast Make Things 17,286 views 1 year ago 6 minutes, 25 seconds - Learn about **Event,-driven**, Architecture. What is it? When do you use it? How does it work? **Event,-driven**, architecture is a common ...

Data Driven Security Challenges - Data Driven Security Challenges by Software Engineering Institute | Carnegie Mellon University 136 views 3 years ago 33 minutes - Watch Tim Shimeall discuss "Data **Driven Security Challenges**," in this FloCon 2020 talk.

Intro

Agenda

Datadriven

Challenges

Reproducible

Scalability

Network Attacks

Unique Challenges

New Attack Options

Proxy

Summary

Comments

Network Layer

Data Structure

Solving distributed data problems in a microservice architecture | Microservices.io - Solving distributed data problems in a microservice architecture | Microservices.io by EDA Summit 23,393 views 2 years ago 25 minutes - To deliver a large complex application rapidly, frequently and reliably, you often must use the microservice architecture.

Events to the rescue: solving distributed data problems in a microservice architecture

About Chris

Discounts

Agenda

Microservice architecture = architectural style

Loose coupling is essential

Sharing database tables = tight coupling

Use a Database-per service

Traditional distributed transactions - runtime coupling AI participants must be

An event is a type of message

Services exchange events

Use asynchronous, broker- based messaging

Reliable messaging requires atomicity Request

Atomically updating state and publishing events

Sagas: event-based transactions

Create Order Saga - "rollback" using a compensating transaction

How to sequence the steps of a saga?

Choreography = event-driven sagas

Choreography-based Create Order Saga

Querying using the API Composition pattern

Pick a database that efficiently supports the queries POGT

Summary

Open-source security: challenges, solutions, and opportunities - Open-source security: challenges, solutions, and opportunities by ByteHouse 22 views 11 months ago 31 minutes - In this video, Prof. Liu Yang from Nanyang Technological University, who's also the co-founder of Scantist, talks about ...

Introduction

Usage of open-source tools for software development

Open-source security risks

Software supply chain vulnerability

Challenges with open-source software security

Research on open-source security

Opportunities to improve open-source security

Challenges in managing open-source software

Open-source health profile - OSSPERT

Q & A

National Security and Artificial Intelligence: Global Trends and Challenges - National Security and Artificial Intelligence: Global Trends and Challenges by Center for Strategic & International Studies

13,864 views Streamed 1 year ago 1 hour, 19 minutes - Much of the research, development, application, and testing of artificial intelligence technologies is taking place separately from ...

Introduction

The Chief Digital and AI Office

What is AI Assurance

Three Perspectives on AI

The New Battle Space

Data Analytics and AI

Pathfinding

Implementing Responsible AI

Competition Factors

Industry Perspective

Macro Trends

Collaborating

Competitions

Ethical AI

Implementation

Jointness

Framework

Responsible AI

Automating Event Driven Security in the AWS Cloud - Automating Event Driven Security in the AWS Cloud by Amazon Web Services 348 views 6 years ago 57 minutes - Learn more about AWS at - <http://amzn.to/2yECIcU>. This talk examines an overarching **security**, strategy for your deployment, ...

Introduction

What weve been seeing
Applications are changing
Layers of defence
What Trend Micro does
Trend Micro Smart Protection Network
Challenges of Network Based Security
Trend Model
Application Control
Hybrid Cloud
Smart Folders
Create Smart Folders
Integration with Notification Services
Application Control Panel
Administration Control Panel
Suspicious Files
Behavior Monitoring
Docker
Demo
Recap
Demonstration
Phishing Site
Multiple Layers
GDPR
What are the challenges and opportunities for next generation security? - Fujitsu Forum 2018 -
What are the challenges and opportunities for next generation security? - Fujitsu Forum 2018 by
Fujitsu 157 views 5 years ago 3 minutes, 2 seconds - Our approach to **security**, operations is
increasingly intelligence-led and playbook **driven**,. By implementing automation and ...
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