

Welcome to
InterSystems
Global Summit
2022



Welcome to InterSystems Global Summit 2022

It's been three years since we've been able to gather in person. We've got some catching up to do, particularly given the changes we've seen over the course of the pandemic. From the wide acceptance of virtual health to the ravenous adoption of online shopping, banking, and investing, these changes have created new challenges for all of us. At InterSystems, we've been hard at work developing new solutions to help you, our customers, stay ahead of the ever-changing demands, including investments into InterSystems HealthShare® and TrakCare®, InterSystems IRIS®, and InterSystems IRIS for Health™.

You'll learn more about all these developments ... and more ... at our morning featured presentations from thought leaders, your fellow users, and, of course, our product leaders. All the technical detail will be fleshed out in 69 afternoon breakout sessions. We'd like to highlight a few of these.

First, we can't wait to update you on Python embedded in InterSystems IRIS. There are two Focus Sessions on this topic and a hands-on Experience Lab, "Parsing Images and Charting Data with Embedded Python."

Our "sneak peek" sessions are a special treat for anyone interested in InterSystems IRIS FHIR SQL Builder and the new Healthcare Action Engine, part of HealthShare 2022.1. Plus, there are seven "New & Next" sessions on topics including "Analytics at InterSystems" and "Unified Care Record."

Use of HL7®FHIR® continues to grow and mature. There's something special this year for anyone new to the standard and for those of you who don't have technical backgrounds. On Monday afternoon, we're hosting a special four-hour workshop led by Russ Leftwich, MD, with Laura Heermann Langford, Ph.D., RN, FAMI. You'll learn what HL7 FHIR is, how it works (through a hands-on exercise), and how it is revolutionizing data interoperability and the healthcare data standard of the future.

Dive deep into the technical details of our products in our Tech Exchange, where you can schedule one-on-one meetings with InterSystems product managers and developers. Also in the Tech Exchange, you'll be able to view demos of best or new practices and join discussion tables on topics like change control and columnar storage.

InterSystems Safety Statement

Our priority at the InterSystems is the health and safety of our attendees, employees, and staff supporting Global Summit. In partnership with the Hyatt Regency Seattle, InterSystems will adhere to all official government and local authority guidance, as well as any venue- or location-specific regulations. We will continue to monitor the evolving situation and guidelines.

Duty of Care Measures – As of May 4, 2022

The safety of our attendees and staff is our highest priority. Safety measures listed below are in accordance with the [CDC](#) and local authority guidelines. It is important to consider your own personal situation and the risk to you, other attendees, and staff before participating.

- All InterSystems employees supporting Global Summit are fully vaccinated.
- Although InterSystems cannot provide risk levels for specific event activities, we will monitor the CDC Community Risk Level and adjust our protocols accordingly.
- In accordance with the CDC and the City of Seattle, attendees will no longer be required to wear facial coverings at Global Summit. We will not require proof of vaccination; however, we encourage attendees who are not fully vaccinated or are safe social interactions.
- InterSystems is offering a hands-free check-in experience to minimize touch points during the check in process. Attendees will simply scan their provided QR codes with their phones and print out their badges.
- Custom signage will be placed throughout the venue showing required health and safety protocol and attendee behavior expectations.
- PCR Tests: If you require a PCR test, the [Westin Seattle Hotel](#) provides testing. The Westin is located four blocks from Hyatt Regency Seattle.

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CONNECT & COMMUNICATE

Global Summit Event App



Our improved event app is the single resource for all your Global Summit needs. Use it to view and update your schedule, receive notifications, download content, view an event floor plan, access speaker bios, and complete surveys.

To get the app, follow these instructions

1. Use your device camera to scan the QR code on this page to download the Cvent Events app.
2. Install and launch the Cvent Events app.
3. In the search field, enter Global Summit. When the app for Global Summit appears, click the download icon.
4. You'll be prompted to enter your first and last names and your email. NOTE: Make sure you use the same email you entered on your registration.
5. You'll receive a verification code, which you enter in the app. NOTE: If you don't receive this code, stop by the registration desk for help.
6. You'll see a card asking for permission to send you notifications through the app. Click Get Notifications or Dismiss.
7. Note the menu at the bottom of the screen. If you want fellow attendees to know you're at Global Summit, click Profile/Settings/Visibility settings. Turn the Visibility setting to On.

NOTE: We recommend allowing notifications and turning your visibility on.

Some Events Require Preregistration

- Our staff at the main registration desk can help you sign up for our Experience Labs if you haven't already done so.
- To schedule meetings with our experts or sessions with our Learning Services team members, email GSTechExchange@intersystems.com or visit the 5th Floor meeting concierge outside the Tech Exchange.
- Register for morning yoga in our event app.

Check Your Email

You can check your email anywhere throughout the Global Summit.

Network: InterSystems
Password: gs22seattle

Wired stations for checking email are located on the 7th Floor.

Let's Get Social #GlobalSummit22



Win iPad

By sharing your Global Summit experience, including photos, videos, and favorite quotes, you become eligible to win a new 10.5" iPad Air.

Using the #GlobalSummit22 hashtag on Twitter or LinkedIn automatically enters you in our social media contest. Post as much as you can between June 18 and June 23 to increase your chances of winning. Original posts with the hashtag and shares or replies containing the hashtag all count in the contest.

The winner will be announced on June 23.

Contest Rules

Eligible participants: Global Summit attendees or Developer Community/Global Masters members

Accounts: personal accounts only

Social Media: Twitter and LinkedIn

Content: relevant to Global Summit, original (not copyrighted), business appropriate (no offensive language or images).

Thank You Developer Community Moderators

Here's to the people who give their time and effort to edit and translate content.

Djeniffer Greffin, Portuguese language moderator
Dmitry Maslennikov, English language moderator
John Murray, English language moderator
Irène Mykhailova, French language moderator
José Roberto Pereira, Portuguese language moderator
Scott Roth, English language moderator
Lorenzo Scalese, French language moderator

Developer Community



Participating in the InterSystems Developer Community is like attending the Global Summit every day from the comfort of your computer. It's where you learn about our technologies, ask questions, share solutions, and keep up to date on our latest developments. Visit the InterSystems Developer Community at community.intersystems.com or in the Tech Exchange. For full community privileges, including the right to contribute content, log on using your WRC credentials.

Charge!

Top off your devices at power stations on 3rd, 5th, and 7th Floors.

LET'S HAVE FUN

MORNING YOGA

Tuesday - Thursday, June 21 - 23, 7:00 AM - 8:00 AM, 4th Floor Foyer

Let's start the day with a good stretch. Mats will be provided. Space is limited, so please register in the event app.

MEETUP FOR WOMEN AT GLOBAL SUMMIT

Monday, June 20, 5:00 PM - 6:00 PM, 3rd Floor Foyer

Get to know other women at Global Summit. Join us for appetizers and wine from a woman-owned vineyard in Washington State.



WELCOME RECEPTION

Monday, June 20, 6:00 PM - 8:00 PM, Columbia Ballroom (3rd Floor)

Join us for a full dinner and music with a "Welcome to the Pacific Northwest" theme.

NIGHT AT THE MUSEUM OF POP CULTURE

Tuesday, June 21, 7:00 PM - 10:00 PM (depart from hotel at 6:45 PM)



Join us at the [Museum of Pop Culture](#), Seattle's most popular museum, for food, pop culture, and music by Integrity Check, a band headed up by our own Don Woodlock on drums. You'll probably recognize several of the other musicians as leading InterSystems personalities.

DINNER IN THE TECH EXCHANGE

Wednesday, June 22, 6:30 PM - 8:00 PM, Tech Exchange (5th floor)

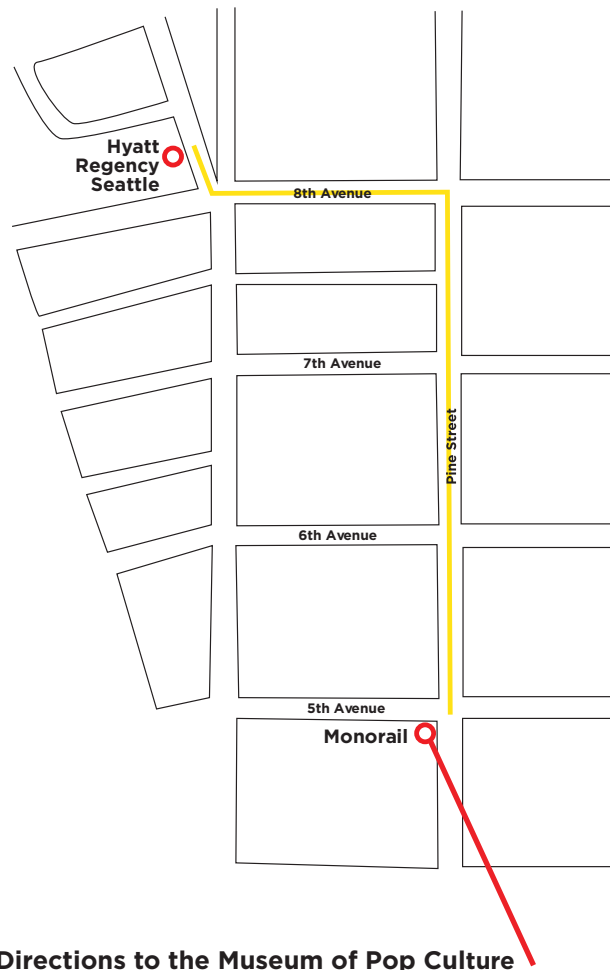
Spend time with our developers and experts while playing lots of games. Fun menu of food includes sliders, corn dogs, waffle fries, and street tacos.



FAREWELL RECEPTION

Thursday, July 23, 3:15 PM - 4:30 PM, 7th Floor Foyer

Join us for a post-summit gathering and ice cream bar before heading home.



Directions to the Museum of Pop Culture

1. Gather in the hotel lobby at 6:25 PM. Human arrows wearing royal blue shirts and holding signs will direct you every step of the way.
2. Walk straight south up 8th.
3. Take a right on Pine Street and walk straight to 5th Avenue.
4. The Seattle Monorail entrance is on the corner of 5th and Pine.

NOTE: The Monorail runs every five minutes and is a 90-second ride over (and back) to the Museum of Pop Culture. It operates until 11:00 PM.

CAUTION: Please do not jaywalk, as it is not only dangerous, but also illegal in Seattle and could set you back \$68 if you're caught.

Earn Rewards for Completing Peer Insights Reviews

Take 10 minutes to write a review at our kiosks on the 3rd, 5th, and 7th Floors, and choose your prize:

- **JBL Speaker** or
- **Space Needle Pass** or
- **Land's End Towel**

AND three months of Gartner Insights Plus Research

Or leave a review now by using these QR codes. Collect your reward at our kiosks.



HealthShare



InterSystems IRIS
(IRIS for Health,Cache, Ensemble)

Get Certified For Free

All Global Summit attendees get one free attempt (value \$150) at any of our six certification exams.

Exams

- HealthShare Health Connect HL7 Interface Specialist
- HealthShare Patient Index Technical Specialist
- HealthShare Unified Care Record Technical Specialist
- InterSystems CCR Technical Implementation Specialist
- InterSystems IRIS Core Solutions Developer Specialist
- InterSystems IRIS System Administration Specialist (Beta)

Times

Please arrive 15 minutes prior to the start of the exam. Exams start promptly at the stated times. No late entry allowed. Laptops will be provided. Photo ID required. Space is limited. Pre-registration is required.

Monday, June 20

1:30 PM - 3:30 PM

3:45 PM - 5:45 PM

Tuesday, June 21 & Wednesday, June 22

7:00 AM - 9:00 AM

3:30 PM - 5:30 PM

Thursday, June 23

7:00 AM - 9:00 AM

Place

504 Foss, 5th Floor

Registration

For more information or to register, stop by our table at Foss 504 or email Shane.Nowack@intersystems.com.

INTERSYSTEMS TECH EXCHANGE

Elwha B (5th Floor)

Tuesday, June 21

1:30 PM - 5:30 PM

Wednesday, June 22

1:30 PM - 5:30 PM

6:00 PM - 8:00 PM for the evening event

Thursday, June 23

1:30 PM - 3:30 PM

The Tech Exchange is the happening place for interacting with the people who build our products and train our users. It's your opportunity to dive deep into technical details. View demos of state-of-the-art practices, get one-on-one training or help planning a learning path, meet with our product experts and developers, and participate in our discussion group tables (See topics below).

To schedule meetings with our experts or sessions with our Learning Services team members, email GSTechExchange@intersystems.com or visit the 5th Floor meeting concierge outside the Tech Exchange.



DEMOS

Autoscaling InterSystems IRIS in Kubernetes

Tuesday, June 21, 1:45 PM

Wednesday, June 22, 4:30 PM

Easy & Repeatable InterSystems IRIS Configuration with CPF

Tuesday, June 21, 1:45 PM

Wednesday, June 22, 4:30 PM

Log In Accounts

Default log in accounts are a concern. View a demo of what the change will look like in InterSystems IRIS, and we'd love to hear your feedback.

Tuesday, June 21, 3:30 PM

Wednesday, June 22, 3:30 PM

PEX Embedded Python: An Experiment

Live demo and ready-to-use template.

Tuesday, June 21, 4:30 PM

Wednesday, June 22, 3:30 PM

SCHEDULED DISCUSSIONS

Should We Get Rid of MacOS & CentOS Support?

Wednesday, June 22, 1:30 PM

Using Learning Services Resources to Motivate Upskilling

Tuesday, June 21, 4:30 PM

Wednesday, June 22, 1:45 PM

Tips, Tricks & Tech

Come exchange your best practices for managing InterSystems products. May the best nerd win!

Tuesday, June 21, 4:30 PM

Wednesday, June 22, 4:30 PM

TABLE TOPICS

Join these tables at any time while the Tech Exchange is open.

- **Analytics, Reporting, BI & AI/ML with InterSystems IRIS**
- **AppS Open Source Packages**
- **Benchmarking Tips**
- **Bring Your Problem**
- **Change Control Strategies & Best Practices**
- **CI/CD with InterSystems IRIS**
- **Columnar Storage**
- **Health Data on FHIR**
- **InterSystems Customer-Facing Applications**
- **InterSystems IRIS + Python | Java | C# | node.js | C++ | ...**
- **InterSystems IRIS Administration & Observability**
- **Keeping your Big Globals Organized**
- **Method Foo() [Language = Python] { }**
- **Migrating to InterSystems IRIS & “Migration Advice”**
- **Security**
- **SQL at Terabyte Scale**
- **System or Application Architecture**

LEARNING SERVICES IN THE TECH EXCHANGE

Stop by the Learning Services table to chat about your experience learning InterSystems technologies. A quick conversation enters you into a daily raffle to win big!

PERSONAL ONE-ON-ONE TRAINING

Have you attended a session and want to learn more about certain topics? Do you struggle with a technical concept or issue you would like to resolve? Are you new to InterSystems technologies and looking to get a head start on learning about them?

Take advantage of our learning team’s in-depth knowledge and training experience while you are at the Global Summit. Schedule a 45-minute, one-on-one training session with one of our talented technical “personal trainers.”

To schedule a session, email GSTechExchange@intersystems.com or visit the 5th Floor meeting concierge outside the Tech Exchange.

CREATE A PERSONALIZED LEARNING PLAN

Schedule a 30-minute session with Jenny Ames, Manager of Online Learning, or Derek Robinson, Senior Content Developer, to create a personalized learning plan for you and your team. What are your biggest pain points when it comes to training your team? Let us help you make a better plan using our materials and yours!

To schedule a session, email GSTechExchange@intersystems.com or visit the 5th Floor meeting concierge outside the Tech Exchange.

UX TABLE IN THE TECH EXCHANGE

The InterSystems UX group is designing the next generation of user interfaces for our world-leading product lineup, and we can’t do it without you! Sound interesting? Come check out what we’re working on. Stop by to participate in some quick usability testing, and you’ll be entered into our daily raffle. We’re excited to hear what you think!

EXPERIENCE LABS

Throughout the Summit, we offer Experience Labs focusing on the newest of our new technologies. Each lab starts with a brief introduction outlining a particular task. Then you'll be set free to complete the task on your own laptop, getting hands-on as you use one or more of our new technologies. Each experience should take about 45 minutes to complete. Sales engineers and other experts will be on hand to offer advice and assistance.

Space is limited. Sign up in advance for the Experience Lab you want.

All Experience Labs are in Quinault (5th floor).

Parsing Images and Charting Data with Embedded Python

*Product Manager Bob Kuszewski, InterSystems
Andreas Dieckow, Principal Product Manager,
InterSystems*

Get hands-on experience with Bob Kuszewski as he shows you how to use Embedded Python to seamlessly integrate InterSystems ObjectScript and Python within an application. Explore an expense-tracking app that uses open-source Python libraries to parse images of receipts, store receipt data in an InterSystems database, and plot total weekly expenses. Requirement: Bring your own laptop.

Wednesday, June 22, 3:30 PM

Thursday, June 23, 1:30 PM

Streamlining Development and Distribution with InterSystems Package Manager

*Sebastian Musielak, Product Manager, InterSystems
Timothy Leavitt, Application Services Development
Manager, InterSystems*

Get hands-on with InterSystems Package Manager as you complete an exercise on how to retrieve useful software packages from the InterSystems Open Exchange or from your own private repositories. Tim Leavitt will show you how to modify packages, share code, and deploy packages to multiple environments with a sample InterSystems ObjectScript application. Requirement: Bring your own laptop.

Tuesday, June 21, 1:30 PM

Wednesday, June 22, 4:30 PM

Using InterSystems Cloud Services with FHIR Data

*Patrick Jamieson, Product Manager, InterSystems
Regilo Souza, Product Owner, InterSystems*

Get hands-on with InterSystems Cloud Services to transform healthcare messages into FHIR resources, store those resources, and run queries against the newly transformed FHIR data. InterSystems Cloud Services provide core InterSystems functionalities in service-based offerings that can be launched and hosted on-demand. Experts Regilo Souza and Pat Jamieson provide an overview of the FHIR cloud services available from InterSystems. Requirement: Bring your own laptop.

Tuesday, June 21, 2:30 PM

Wednesday, June 22, 2:30 PM

PARTNER PAVILION

Visit these InterSystems vendors, consultants, and service providers in the 5th Floor Gallery.

ATSCALE

www.atscale.com

AtScale enables smarter decision-making by accelerating the flow of data-driven insights, and extends business intelligence and data science capabilities for enterprise customers across all industries. With AtScale, customers are empowered to democratize data, implement self-service BI, and build a more agile analytics infrastructure for better, more impactful decision-making.



BANKSIA GLOBAL

www.banksiaglobal.com

Our consultants bring decades of experience building sophisticated products and integration solutions on platforms offered by InterSystems: InterSystems IRIS data platform, HealthShare integration platform, and TrakCare EMR. No matter what you have in mind, you can count on us to deliver.



CARETDEV

www.caretdev.com

The CaretDev team is an international team of specialists – back-end and front-end developers, DevOps engineers, designers, and project managers. We have extensive experience working with InterSystems products, and our experts have participated in projects for various industries in different countries. CaretDev is ready to share our experience with your development team with increased efficiency and decreased expenses for development and maintenance.



EHEALTH TECHNOLOGIES

www.ehealthtechnologies.com

eHealth Technologies is a leading healthcare technology company that advances the delivery of life-altering care. We provide seamless access to healthcare information, enabling caregivers to focus on what matters most – patients.



FIRST LINE SOFTWARE

www.firstlinesoftware.com

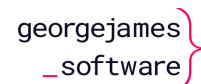
First Line Software is a premier provider of software engineering, software enablement, and digital transformation advisory services to clients across North America, Europe, Asia, and Australia. Headquartered in the United States, First Line's global staff of 600 technical experts leverages agile technological excellence to efficiently deliver complex projects in retail digitalization; web content management & e-commerce; healthcare IT & real-world evidence and data; machine learning; and enterprise data management. First Line Software is consistently recognized with industry rankings and awards from top global and regional, independent research agencies.



GEORGE JAMES SOFTWARE

www.georgejames.com

George James Software is a team of multi-talented engineers who design and architect straightforward and innovative solutions. We believe the foundation of every successful system is its code, and software maintainability is paramount to adapt to the needs of your organization. Our host of tools has been widely adopted within the industry and helps developers build well-engineered solutions, increase productivity, and improve the quality of their code.



HENRY ELLIOTT & COMPANY

www.henryelliott.com

Henry Elliott & Company specializes in staffing solutions to enable InterSystems clients to manage, and rapid development for contract, project-based work, or direct hire. We provide specialists experienced with InterSystems IRIS for Health, HealthShare, Ensemble, Caché, and related technology - VA Vista, EPIC, HL7, FHIR, Angular, Java, .NET, Cloud.



READY COMPUTING

www.readycomputing.com

True End-to-End IT Solutions, from concept to deployment: our teams work with you every step of the way. Each service we provide is tailored to your specific industry and is custom fitted to make you successful. For nearly 10 years, the backbone of Ready Computing's business model has been healthcare interoperability and clinical data exchange. Over that same period, we have also evolved our business model to include capabilities in virtually every other industry.



HICG

www.hicgrp.net

Formed by leading healthcare integration architects and developers, HICG offers exceptional value and return on investment for your internal and external application integration projects. Our company principals have, collectively, over 100 years of real-world healthcare integration experience across a broad spectrum of inpatient, departmental, and EMR applications using a variety of integration middleware solutions and communication methods.



RHODES GROUP

www.rhodesgroup.com

The Rhodes Group was founded and incorporated in 2000 with a commitment to serve the laboratory marketplace through operational efficiency, revenue collections, analytics, and lab consulting services. We have since grown, driven by the desire to help our clients solve complex problems. In 2015, the Rhodes Group was purchased by a core customer, TriCore Reference Laboratories. Today, Rhodes Group supports thousands of end-users belonging to multiple clients, from Hawaii to the East Coast of the United States.



J2 INTERACTIVE

www.j2interactive.com

J2 Interactive, two-time recipient of Best in KLAS for Technical Services, is an award-winning consulting firm with over 200 healthcare IT experts in the United States, Europe, and the Middle East. With over 20 years' experience and an exclusive focus on healthcare and life sciences, our expertise runs the gamut from strategy and best-practices consulting to large-scale InterSystems IRIS & HealthShare implementations, as well as Caché application development.



XCHANGEWORX

www.xchangeworx.com

XchangeWorx provides innovative solutions for some of the largest Healthshare health information exchanges (HIE) in the nation including Healthix, MHC, and Hixny. Our innovations to support those clients include our FHIRWorx platform - which can turn any web app into a SMART on FHIR app with complete user and patient context launching within the EHR. Our solutions coupled with our world class consulting services for InterSystems Healthshare make us hard to beat as a partner for your next HIE project.



LITE SOLUTIONS

www.litesolutions.es

Lite Solutions is an innovative company that builds products and offers customized services, listening to and accompanying customers in their process of merging business and technology, with a commitment to providing competitive solutions. Our mission is to create and deliver business and technology solutions that fit your needs and drive the results you want.



ZEBRA

www.zebra.com

Zebra's purpose-built healthcare mobility platform helps enable seamless collaboration at the point of care with Trakcare. Zebra's best-in-class healthcare mobile phones, tablets, scanners, printers, and wristbands seamlessly connect to empower your providers with everything they need to administer flawless care - right from the patient's side.



OPTIMUS IT INFRA LTD

www.optimusit.co.uk

Optimus IT Infra is a thought leader providing world-class IT services and business solutions. We specialize in supporting the IT requirements of modern enterprises, which allows our clients to concentrate on what they do best - running their business. Working in partnership with our customers, we ensure they maximize efficiencies with their current available resources and can move forward with new technologies and innovations as their business growth demands.



PERIOPTIMIZATION

www.perioptimization.com

PeriOptimization is a comprehensive surgical management system of the future. It was designed and developed by actual users, caregivers on the front lines of patient care delivery. The result is a system like no other, designed to take surgery management into the future with continuous efforts to improve efficiencies, safety, and facility revenues.



INTERSYSTEMS STARTUP ACCELERATOR

Meet a few of the startups we selected to build innovations with InterSystems FHIR Cloud Services from our new HL7 FHIR Healthtech hybrid startup incubator, Caelestinus, based in Prague. Join us after lunch at tables in the 5th Floor Gallery, across from Elwha A and Quinault.

LONGEVICA Pioneering healthy aging transformation Longevica.com



Longevica is a Boston-based healthtech company transforming senior care for providers, caregivers, and patients. InterSystems-incubated Longevica develops an end-to-end healthy aging platform comprising patient scoring, AI-driven personalized care plans, and a home-based digital nurse device that monitors over 80 criteria. The solution drives new revenue streams to hospitals and clinics while delivering complex clinical programs in an efficient, scalable, personalized, and timely manner - bringing the right care for better patient outcomes.

MED.ME Connecting patients and medical organizations! www.med.me



Med.me is an electronic health record sharing and medical appointment scheduling system to connect clinics, health maintenance organizations and insurance companies, patients, doctors, and pharmaceutical companies. Powered by Health Connect Cloud, Med.me integrates with MIS/EMR systems, creates interconnected space, and offers, on top of that, PRM for clinics, personal cabinet and appointment scheduling for patients, telemedicine, a business-to-business communication module, and a well-developed API to build your own apps.

MILD BLUE We create algorithms that save lives <https://mild.blue>



Mild Blue, an AI-powered health-tech startup is introducing the newest in its successful line of products, HealthWarden, a smart application that helps doctors discharge patients sooner and still stay in perfect touch with them. Its artificial intelligence (AI) module helps a doctor to set a personalized profile for each individual patient, guaranteeing the best care possible given the condition of the patient and the procedure the patient underwent. Based on this profile, the application “watches” the patient and uses state-of-the-art prediction tools to notify doctors about impending problems. Its modern design and underlying AI module ensure a smooth and frictionless user experience even for elderly patients. Additionally, the application runs on FHIR, making integration easy and straightforward.

NANTEO Fast, easy, and enjoyable preventive care www.nanteo.cz



Nanteo aims to bring fast, easy, and enjoyable preventive care close to patients. This is made possible by our device, MALIA, which provides your health results within 25 minutes. As small as a capsule coffee machine, it has the accuracy of high-volume random-access analyzers (RAA) thanks to the use of specially modified magnetic particles and CLIA (Chemiluminescence Immunoassays) detection. With MALIA, taking care of ourselves will be as easy as making a coffee in a capsule coffee machine.

VIRTUAL LAB Save real lives with virtual training <https://virtual-lab.cz/vr-jip/>



VR ICU is unique skills-based training that ensures the delivery of the only appropriate care in critical situations and significantly reduces error rates. Save real lives with virtual training! The unique system solution for multiple devices from different manufacturers in one place enables comprehensive training and remote training; similar systems are not being developed.

GENERAL SESSIONS

7th Floor Regency A/B

Tuesday, 9:00 AM – 12:00 PM

Welcome & Introduction

Don Woodlock, Head of Healthcare Solutions, InterSystems

Continuing Success

Terry Ragon, CEO, InterSystems

Pulling Out All the Stops: Disrupting Healthcare

Don Woodlock, Head of Healthcare Solutions, InterSystems

The Designers Mindset: How Design Thinking Can Change the Way We Work

Jess Kessin, Design Leader, Entrepreneur, Educator

Managing Brain Health at Scale: Transforming Healthcare with AI & Interoperability

Tom Sawyer, Chief Financial Officer, Cognativity

Know Me & Keep It Simple: Driving a Better Experience for Both Patients & Providers

Eduardo Conrado, Executive Vice President, Chief Strategy & Innovation Officer, Ascension

InterSystems Healthcare: What's New, What's Next

Panel discussion led by Jonathan Teich, MD, Director, HealthShare Product Management, InterSystems

Wednesday, 9:00 AM – 12:00 PM

Welcome to Day Two

Scott Gnau, Head of Data Platforms, InterSystems

Zone to Win: Organizing to Compete in an Age of Disruption

Geoffrey Moore, Bestselling Author, Consultant, Disruptive Technology Specialist

Smart Data Fabric: Enabling Future Innovations

Scott Gnau, Head of Data Platforms, InterSystems

Breaking the Bank: How BBTS Integrated Data to Enable Open Banking

Flávio Augusto Corrêa Basilio, Executive Director & President, BBTS/Banco do Brasil

Leaving No Stone Unturned: SPAR's Transformation Via Connected Retail Data

Gerd Karnitschnig, Head of Software Solutions International, SPAR/ASPIAG

InterSystems IRIS: What's New, What's Next

Panel led by Jeffrey Fried, Director Product Management, Data Platforms, InterSystems

Thursday, 9:00 AM – 12:00 PM

Welcome to Day Three

John Paladino, Head of Client Services, InterSystems

Customer Innovations

Joe Lichtenberg, Head of Product & Industry Marketing, Data Platforms, InterSystems

What AI Can & Can't Do

Janelle Shane, AI Speaker & Humorist

Passion for Client Success

John Paladino, Head of Client Services, InterSystems

Learning as the Cornerstone of Success

Jim Breen, Head of Learning Services, InterSystems

Gaining Acceptance & Adoption

Panel discussion moderated by:

Mike Fuller, Regional Marketing Director, InterSystems

Ed Meagher, former CIO, Department of Veteran Affairs

Gerd Karnitschnig, Head of Software Solutions International, SPAR/ASPIAG

Neil Sarkar, President & CEO, Rhode Island Quality Institute

Start-Up Brilliance

Randy Pallotta, Head of North American Sales Engineering, InterSystems

Hackathons: Fun & Innovative

Dean Andrews, Head of Developer Experience, InterSystems

Wrap-Up & Thank-You

Jim Rose, Head of Global Marketing, InterSystems

GENERAL SESSION GUEST SPEAKERS

Flavio Basilio, BBTS/Banco do Brasil

Breaking the Bank: How BBTS Integrated Data to Enable Open Banking

About: Flavio Basilio, Executive Director and President is a career employee of Banco do Brasil, owner of BB Tecnologia e Serviços, an information technology company. Before his current position, he was an executive for BB Risks, where his responsibilities included risk integration, cyber risk management, and IT. He has also worked for the Brazilian federal government in several capacities, including Secretary National Public Security, Secretary of Defense Products, and Deputy Secretary of Public Affairs International. Basilio is a professor at Mackenzie Presbyterian University and served as a professor in the Department of Economics at University of Brasília and the UDF University Center.



Eduardo Conrado, Ascension Health

Know Me and Keep It Simple: Driving a Better Experience for Both Patients and Providers

Some industries have digitized the customer experience so seamlessly, it's almost a given. Healthcare still has some catching up to do. Learn how Ascension, one of the nation's leading non-profit and Catholic health systems, is changing the care experience for both patients and providers to deliver personalized and compassionate care for all.

About: Eduardo Conrado, Executive Vice President, Chief Strategy & Innovation Officer, leads the Ascension-wide strategy aligning the portfolio, investments, and actions to position the health ministry to thrive as the preferences and expectations of those it serves change. Recognized by Modern Healthcare as a Top 20 Innovator in Healthcare in 2021, Conrado also leads Ascension's digital and data strategy, driving the platform to enable an exceptional consumer experience, as well as a strengthened clinician experience across the enterprise. He joined Ascension in 2018 as Executive Vice President and Chief Digital Officer and served on the Ascension Board of Directors from 2014 to 2018.



Gerd Karnitschnig, Austria SPAR International AG

Leaving No Stone Unturned: SPAR's Transformation Via Connected Retail Data

After 20 years of InterSystems Caché technology, the SPAR Austria Group is opting for a new and forward-looking IT architecture with InterSystems IRIS. One country organization after another is being carefully brought up to the new standard.

About: Gerd Karnitschnig, Head of Software Solutions International, has for the past 28 years been responsible for IT in Eastern European country organizations for SPAR Group, the leading food retailer in Austria and neighboring countries. His career began at Online Computer/Graz as head of the software department. After that, he was project leader and product manager at Taylorix and Externa (Porsche IT subsidiaries). With the expansion of SPAR Austria into the surrounding countries, he moved to ASPIAG (Austria SPAR International AG) in Widnau/Switzerland.



Jess Kessin

The Designer's Mindset: How Design Thinking Can Change the Way We Work

Design Thinking is a method for creative problem-solving centered in human needs. It can help solve big, messy problems when there is no obvious solution and help us move from commercially driven business to customer-driven innovation. By embracing the processes and mindsets of Design Thinking, we can shift the way we work to start helping the patients, providers, and caregivers who need the drastic changes we are capable of delivering.

About: Jess Kessin is a design leader, entrepreneur, and educator with a deep passion for human-centered design and using design to create equity and a better future. She loves to find messy problems and bring a diverse team together to create extraordinary solutions. Her career began when she started a toy company to help children of all abilities engage in accessible play. In addition, she established and led three unprecedented design practices at Capital One, including Design Thinking, Physical Experience Design, and Data Visualization. Over the last year, Kessin has worked in health technology as the Head of Design and Design Strategy for Invitae, a medical genetics company. For seven years, she taught undergraduates in Stanford's Product Design & Mechanical Engineering Program, and for the past decade she has taught Design Thinking to executives at Stanford.



Edward Meagher, Department of Veteran's Affairs

Gaining Acceptance & Adoption Panelist

About: Edward Meager, former Chief Technology Officer at the Department of Veteran Affairs (VA), was a career federal sector senior executive. His extensive career in both the public and private sectors in information technology and healthcare informatics spans over 40 years. At the VA, he provided direction, oversight, and IT management for the federal government's largest civilian department, with a multi-billion-dollar budget and over 225,000 employees. He has received numerous awards in recognition of his performance, leadership, and contributions in information technology, both in the federal arena and private sector.



Geoffrey Moore

Zone to Win: Organizing to Compete in an Age of Disruption

Digital transformation is changing the face of healthcare, financial services, and supply chain management. Enterprises must not only embrace new operating models and transition to new IT infrastructure, but also continue to deliver their core services reliably and efficiently. These are conflicting demands, and to meet them organizations must learn to “think globally, but act locally.” In *Zone to Win*, Geoffrey Moore presents an organizational model specifically designed to address this challenge. Join Moore as he presents this framework and shares lessons learned at Salesforce, Microsoft, Cisco, and elsewhere.

About: Geoffrey Moore, Bestselling Author, Consultant, and Disruptive Technology Specialist, splits his consulting time between start-up companies in the Wildcat Venture Partners portfolios and established high-tech enterprises, most recently including Salesforce, Microsoft, Autodesk, F5Networks, Gainsight, Google, and Splunk.

His life’s work has focused on the market dynamics of disruptive innovations. His first book, *Crossing the Chasm*, is about the challenges start-up companies face in transitioning from early adopters to mainstream customers. It has sold more than a million copies. Moore’s most recent work, *Zone to Win*, addresses the challenge large enterprises face when embracing disruptive innovations, even when it is in their best interests to do so.



Neil Sarkar, President & CEO of Rhode Island Quality Institute

Gaining Acceptance & Adoption Panelist

About: Neil Sarkar, President and CEO of Rhode Island Quality Institute, researches the application and development of biomedical informatics techniques to semantically integrate disparate sources of knowledge. Also an associate professor of medical science and associate professor of health services, policy & practice at Brown University, he has written over 125 peer-reviewed articles and edited a textbook, *Methods in Biomedical Informatics: A Pragmatic Approach*.



Janelle Shane

What AI Can Do & Can't

Artificial intelligence (AI) is making headlines for its successes and for its failures. But how can we predict whether AI will succeed at a given task? At her AI humor blog, AiWeirdness.com, Shane watches machine learning algorithms struggle to deal with the complexities of the human world. From AIs that struggle to invent plausible paint colors to AIs that struggle to recognize which pictures don't actually contain giraffes or sheep, we can learn a lot from the funny failures of AI. Shane talks about where AI will succeed, fail, or succeed at solving the wrong problem entirely.

About: Janelle Shane is an Artificial Intelligence Speaker & Humorist. Her AI humor blog, Alweirdness.com, looks at the strange side of artificial intelligence. She has been featured in the *New York Times*, *The Atlantic*, *WIRED*, *Popular Science*, “All Things Considered,” and *Slate*. In 2019, she was named one of Fast Company’s 100 most creative people in business. Her soon-to-be-released TED talk is a funny and insightful look at the nature of machine learning algorithms. Her upcoming book, *You Look Like a Thing and I Love You: How AI Works and Why It's Making the World a Weirder Place*, uses cartoons and humorous pop-culture experiments to look inside the minds of the algorithms running our world.



Thomas Sawyer, MD, Cognetivity Neurosciences

Managing Brain Health at Scale: Transforming Healthcare with AI & Interoperability

How can we know what is happening in your brain? Is everything OK in there? Historically, this has been a difficult problem for healthcare, with brain health assessments taking time and expertise. However, new AI-driven technology can transform brain health management, allowing routine assessment with a fast, sensitive, scalable, and connected test. Putting high quality, relevant information straight into the hands of clinicians allows better decisions to be made earlier, enabling better outcomes, and making the clinical pathway more efficient.

About: Tom Sawyer, MD, Chief Financial Officer, combines practical business skills and strategy with an understanding of the importance of science in driving medical and technology companies. He has a background in life science research and two decades of experience in entrepreneurship, consulting, private equity investment, corporate finance, and strategy in sectors including biotechnology, information technology, logistics, and natural resources across the globe. Also, an entrepreneur, he has worked on merger and acquisition activities, initial public offerings and capital raises for private and public companies in the United States, Europe, and Africa, and has held CTO, CFO, CEO, and COO positions at start-ups and private equity-backed ventures. He has lectured on entrepreneurial finance at the University of Cambridge and Exeter University and is an Honorary Lecturer at University College at London’s School of Pharmacy.





Monday, June 20

<p>Registration 7th Floor Foyer 1:30 PM - 7:00 PM</p>
<p>Pre-Summit Workshop Getting to Know FHIR: The Best Explanation of FHIR They've Ever Heard <i>Russ Leftwich, MD</i> <i>Laura Heermann Langford, Ph.D., RN, FAMI</i> Elwha A (5th Floor) Pre-registration required 2:00 PM - 6:00 PM </p>
<p>Meetup for Women at Global Summit 3rd Floor Foyer 5:00 PM - 6:00 PM</p>
<p>Welcome Reception Columbia Ballroom - B, C, D (3rd Floor) 6:00 PM - 7:30 PM</p>

(Schedule subject to change)

Solution Developers Conference								
Yoga 7:00 AM - 8:00 AM, 4th Floor Foyer Pre-registration required • Yoga mats provided								
Breakfast: 7:00 AM - 9:00 AM, Columbia Ballroom - B, C, D (3rd Floor)								
7:00 AM	General Sessions - 7th Floor Regency A/B <i>Terry Ragon, CEO, InterSystems</i> <i>Jess Kessin, Design Leader, Entrepreneur, Educator</i> <i>Don Woodlock, Head of Healthcare Solutions, InterSystems</i> <i>Tom Sawyer, Chief Financial Officer, Cognetivity</i> <i>Eduardo Conrado, Executive Vice President and Chief Strategy & Innovation Officer, Ascension</i> InterSystems Healthcare: What's New, What's Next Moderated by <i>Jonathan Teich, MD, Head of Product Management, HealthShare, InterSystems</i>							
1:00 PM	Lunch 12:00 PM - 1:30 PM, Columbia Ballroom - B, C, D (3rd Floor)							
1:30 PM	Elwha A (5th Floor) Health Connect Cloud <i>Alex MacLeod</i> <i>Mark Bolinsky</i> <i>Regilo Souza</i>	702 Clearwater (7th Floor) What's New in Financial Services <i>Joe Lichtenberg</i>	512 Willapa (5th Floor)	501 Chiwawa (5th Floor) The Data Architecture that Leaves You Glueless <i>Benjamin De Boe</i>	502 Cowlitz (5th Floor) Updates in Security <i>Andreas Dieckow</i>	301 Ashnola (3rd Floor) Introduction to the TrakCare Innovation Toolkit <i>Eslam Farahat</i>	302 Beckler (3rd Floor) Personal Community: New & Next <i>Meredith Staszak</i>	Experience Lab Quinault (5th Floor) Streamlining Development and Distribution with InterSystems Package Manager <i>Sebastian Mustelick</i> <i>Timothy Leavitt</i>
2:15 PM	Break: 2:15 PM - 2:30 PM							
2:30 PM	API Management with InterSystems IRIS <i>Stefan Wittmann</i> <i>Bob Kuszewski</i>	HealthShare Health Connect: Tips & Tricks <i>Aya Heshma</i> <i>Justin Owens</i>	Introduction to AutoML <i>Thomas Dyar</i> <i>David Lepzelter</i> <i>Akshat Vora</i>	Why Horizontal Scalability Is Like Teamwork <i>Benjamin De Boe</i>	Modern(izing) Full Stack Development on InterSystems IRIS <i>Timothy Leavitt</i>	How InterSystems IRIS Helped Us Innovate <i>David Reche</i> <i>Bidatzi Marín Bastida</i>	Care Plans & Shared Care Through InterSystems Care Community <i>Jeremy Davis</i>	Using InterSystems Cloud Services with FHIR Data <i>Patrick Jamieson</i> <i>Regilo Souza</i>
3:15 PM	Break: 3:15 PM - 3:30 PM							
3:30 PM	The Future of HealthShare in the Cloud: Containers/ Kubernetes <i>Mark Bolinsky</i> <i>Renan Lourenco</i>	InterSystems IRIS Live Demos <i>Joe Gallant</i> <i>Wei-Wen Lee</i>	Observability with InterSystems IRIS <i>Bob Kuszewski</i>	Analytics with InterSystems: New & Next <i>InterSystems Analytics Product Management Team</i>	Real-Life Experiences Migrating a Caché Application Portfolio to InterSystems IRIS <i>Matthew Giesmann</i> <i>Harry Huang</i>	Achieving Single Sign-On: External Providers, HealthShare Unified Care Record, Clinical Viewer <i>François Le Floch</i>		
4:15 PM	Break: 4:15 PM - 4:30 PM							
4:30 PM	InterSystems IRIS FHIR SQL Builder: Sneak Peek <i>Patrick Jamieson</i>	Challenges of Global Supply Chain & How InterSystems IRIS Supply Chain Addresses Them <i>Mark Holmes</i> <i>Ming Zhou</i>	InterSystems Startup Accelerator: Pitching Sessions <i>Evgeny Shvarov</i> <i>Dean Andrews</i>	CommonWell Connection <i>Alex MacLeod</i> <i>Kevin Ferriter</i>	Open Q&A with Data Products Product Management <i>Jeffrey Fried</i> <i>Members of Data Platforms team</i>	Customer Spotlight: At Parc Tauli, Data Lake Improves Healthcare <i>Alberto Fuentes</i> <i>José Carlos Ruiz</i>	Health Insight: New & Next <i>Ben Schlanger</i> <i>Jonathan Wald</i>	
Reception at the Museum of Pop Culture Depart: 6:45 PM Reception: 7:00 PM-10:00 PM								

NOT YOUR RANDOM TABLE

Columbia, B, C, D (3rd Floor)

InterSystems Product Managers will be moderating conversations at tables about selected topics during our lunches. Here is a chance to tell us what's on your mind and influence our product roadmap. Space at each table is limited, so please come prepared.

Healthcare Leadership Conference by invitation only
Networking Lunch 12:00 PM - 1:30 PM
Panel Discussion 1:30 PM - 2:30 PM
Break 2:30 PM-2:45 PM
Breakout Session 2:45 PM - 3:45 PM
Break 3:45 PM - 4:00 PM
Fireside Chat 4:00 PM - 5:00 PM

Solution Developers Conference								
Yoga 7:00 AM - 8:00 AM, 4th Floor Foyer Pre-registration required • Yoga mats provided								
Breakfast: 7:00 AM - 9:00 AM, Columbia Ballroom - B, C, D (3rd Floor)								
9:00 AM	General Sessions - 7th Floor Regency A/B <i>Geoffrey Moore, Bestselling Author, Consultant, and Disruptive Technology Specialist</i> <i>Scott Gnau, Head of Data Platforms, InterSystems</i> <i>Flávio Augusto Corrêa Basílio, Executive Director and President, BBTS/Banco do Brasil</i> <i>Gerd Karnitschnig, Head of Software Solutions International, SPAR/ASPIAG</i> InterSystems IRIS: What's New, What's Next Moderated by <i>Jeff Fried, Director, Product Management, Data Platforms, InterSystems</i>							
12:00 PM	Lunch 12:00 PM - 1:30 PM, Columbia Ballroom - B, C, D (3rd Floor)							
1:30 PM	Elwha A (5th Floor)	702 Clearwater (7th Floor)	512 Willapa (5th Floor)	501 Chiwawa (5th Floor)	502 Cowlitz (5th Floor)	301 Ashnola (3rd Floor)	302 Beckler (3rd Floor)	Columbia A (3rd Floor)
	Open Time for Tech Exchange Elwha B (5th floor)					Patient Experience & the EHR <i>Meredith Staszak</i>	Semantic Interoperability at Healthix: Using Managed Terminology within HealthShare <i>Nick VanDuyne</i> <i>Steve McGlothlin</i>	How InterSystems Supports the CMS & ONC Regulations as well as Prior Authorization <i>Lynda Rowe</i>
2:15 PM	Break: 2:15 PM - 2:30 PM							
2:30 PM	Using Python with InterSystems IRIS <i>Bob Kuszewski</i> <i>Stefan Wittmann</i> <i>Raj Singh</i>	Data at the Heart of Supply Chain Resilience <i>Mark Holmes</i>	Developer Ecosystem: Community, Global Masters, Open Exchange <i>Evgeny Shvarov</i> <i>Dean Andrews</i>	Ten Times Faster Queries with Columnar Storage <i>Benjamin De Boe</i>	Integrated ML Advanced Topics <i>Thomas Dyar</i>	Overview of Clinical Research Powered by InterSystems <i>Qi Li, MD</i> <i>Anatoly Postilnik</i> <i>Shawn Murphy, MD</i>	Unified Care Record: New & Next <i>Matt Spielman</i> <i>Sebastian Musielak</i>	Town Hall: Meet InterSystems Data Platforms Leaders <i>Scott Gnau</i> <i>Jeffrey Fried</i> <i>Todd Sylvester</i>
3:15 PM	Break: 3:15 PM - 3:30 PM							
3:30 PM	InterSystems IRIS Cloud On-Demand Services <i>Todd Sylvester</i> <i>Sam Ferguson</i>	InterSystems Security Development Lifecycle <i>Mark-David McLaughlin</i>	Understanding Your InterSystems Login Account & Where to Use It <i>Benjamin Spead</i> <i>Pravin Barton</i>	Healthcare Action Engine & CDS Hooks: Sneak Peek <i>Frank Pandolfe</i>	InterSystems IRIS SQL: Not Your Average (Wedding) Planner <i>Benjamin De Boe</i>	Querying 6 TB of Protected Health Information at Northwell <i>Liang (Simon) Sha</i> <i>Kyle Baxter</i>	HealthShare Provider Directory & Patient Index: New & Next <i>James Derrickson</i>	Breaking Data Silos Through Strategic Healthcare Partnerships <i>Rick VanNess</i>
4:15 PM	Break: 4:15 PM - 4:30 PM							
4:30 PM	Embedded Python Use Cases <i>Guillaume Rongier</i> <i>Ronald Soelkner</i> <i>Hideyuki Takahashi</i>	HealthShare Analytics Solution: So Many Tools, So Much Power <i>Kenneth Connaughton</i> <i>Renan Lourenco</i>	InterSystems IRIS Cloud SQL <i>Richard Guidice</i> <i>Steve LeBlanc</i>	Reporting & Business Intelligence: What's New? <i>Carmen Logue</i> <i>Asaf Sinay</i>	Can Technology Close the Gap of Health Equity? <i>Mike LaRocca</i>	A Payer's Journey to Regulatory Compliance and Beyond <i>Eric Tienda</i>	Clinical Viewer & Navigation Application: New & Next <i>Julie Smith</i>	Use Natural Language Processing to Drive Patient Engagement <i>Qi Li, MD</i> <i>Benjamin De Boe</i> <i>Joseph Cofone</i> <i>Kenneth Riley</i>
Reception at Tech Exchange Elwha B (5th Floor) 6:30 PM-8:00 PM								

NOT YOUR RANDOM TABLE




Columbia, B, C, D (3rd Floor)

InterSystems Product Managers will be moderating conversations at tables about selected topics during our lunches. Here is a chance to tell us what's on your mind and influence our product roadmap. Space at each table is limited, so please come prepared.


Wednesday's Tables

How Do You Get Data In & Out of InterSystems IRIS?

Host: Stefan Wittmann, Product Manager, InterSystems

Experience Lab Quinault (5th Floor)
Using InterSystems Cloud Services with FHIR Data <i>Patrick Jamieson</i> <i>Regilo Souza</i>

Parsing Images and Charting Data with Embedded Python <i>Bob Kuszewski</i>

Streamlining Development and Distribution with InterSystems Package Manager <i>Sebastian Musielik</i> <i>Timothy Leavitt</i>


Solution Developers Conference								
Yoga 7:00 AM - 8:00 AM, 4th Floor Foyer Pre-registration required • Yoga mats provided								
Breakfast: 7:00 AM - 9:00 AM, Columbia Ballroom - B, C, D (3rd Floor)								
9:00 AM	General Sessions - 7th Floor Regency A/B <i>Joe Lichtenberg, Head of Global Industry Marketing, InterSystems</i> <i>Janelle Shane, Artificial Intelligence Speaker and Humorist</i> <i>John Paladino, Head of Client Services, InterSystems</i> <i>Jim Breen, Head of Learning Services, InterSystems</i> Panel Discussion Moderator: <i>Mike Fuller, Regional Marketing Director, InterSystems</i> <i>Gerd Karnitschnig, Head of Software Solutions International, SPAR/ASPIAG</i> <i>Ed Meagher, former CIO, Department of Veterans Affairs</i> <i>Neil Sarkar, President & CEO, Rhode Island Quality Institute</i> <i>Randy Pallotta, Head of North American Sales Engineering, InterSystems</i> <i>Dean Andrews, Head of Developer Relations, InterSystems</i> <i>Jim Rose, Head of Global Marketing, InterSystems</i>							
12:00 PM	Lunch 12:00 PM - 1:30 PM, Columbia Ballroom - B, C, D (3rd Floor)							
1:30 PM	Elwha A (5th Floor)	702 Clearwater (7th Floor)	512 Willapa (5th Floor)	501 Chiwawa (5th Floor)	502 Cowlitz (5th Floor)	301 Ashnola (3rd Floor)	302 Beckler (3rd Floor)	Columbia A (3rd Floor)
	Using FHIR Shorthand <i>Patrick Jamieson</i>	Let InterSystems IRIS Do the Work: Git Source Control & Linting ObjectScript Across Editors <i>Sarmishta Velury</i> <i>Timothy Leavitt</i>	View From the Control Tower: From Source to Consumption <i>Jochen Boldt</i> <i>Mark Holmes</i>	InterSystems IRIS Cloud IntegratedML <i>Kinshuk Rakshith</i>	Language SDKs: New & Next <i>Stefan Wittmann</i>	Time to Value: Reducing the Time & Cost of Your Implementation <i>Leah Goddard</i>	Open Q&A with HealthShare Product Management <i>Members of the HealthShare Product Management team</i>	AWS Event-Driven Architecture: InterSystems FHIR Transformation Service Use Case <i>Regilo Souza</i> <i>Dimitri Restaino</i>
2:15 PM	Break: 2:15 PM - 2:30 PM							
2:30 PM	InterSystems Deployment Options <i>Ray Wright</i>	Working with Event Streaming Platforms <i>Michael Braam</i>	Real-World CI/CD: Keep Calm & Build On <i>Andries Demont</i> <i>Jelle Michiels</i>	The OWASP Top 10 & InterSystems IRIS Application Development <i>Pravin Barton</i> <i>Harry Huang</i>	System Performance Review for InterSystems IRIS Applications <i>Murray Oldfield</i>		Updates in Security in the HealthShare Suite <i>Sebastian Musielak</i>	AWS & InterSystems FHIR Technologies <i>Regilo Souza</i> <i>Gopi Kolla</i>
3:15 PM	Farewell Reception 7th Floor Foyer 3:15 PM - 4:30 PM							

 Bring your own laptop

NOT YOUR RANDOM TABLE

Columbia, B, C, D (3rd Floor)

InterSystems Product Managers will be moderating conversations at tables about selected topics during our lunches. Here is a chance to tell us what's on your mind and influence our product roadmap. Space at each table is limited, so please come prepared.

Thursday's Tables

What Does Analytics Mean in Your Organization?

Hosts:

Benjamin De Boe, Product Manager, InterSystems

Carmen Logue, Product Manager, Analytics and AI, InterSystems

Thomas Dyar, Product Specialist, Machine Learning, InterSystems

InterSystems IRIS in the Cloud

Host: Bob Bob Kuszewski, Product Manager, Developer Experience, InterSystems

Experience Lab Quinault (5th Floor)

**Parsing Images
and Charting
Data with
Embedded
Python**

Bob Kuszewski



GUIDE TO BREAKOUT SESSIONS

CLOUD

- Health Connect Cloud
- InterSystems IRIS Cloud IntegratedML
- InterSystems IRIS Cloud On-Demand Services
- InterSystems IRIS Cloud SQL
- InterSystems IRIS FHIR SQL Builder
- The Future of Healthcare in the Cloud

DATA ANALYTICS

- Analytics with InterSystems: New & Next
- Customer Spotlight: At Parc Tauli, Data Lake Improves Healthcare
- HealthShare Analytics Solution: So Many Tools, So Much Power
- IntegratedML Advanced Topics
- Reporting & Business Intelligence: What's New?
- Ten Times Faster Queries with Columnar Storage

DATA PLATFORMS

- API Management with InterSystems IRIS
- InterSystems IRIS Live Demos
- InterSystems IRIS SQL: Not Your Average (Wedding) Planner
- Language SDKs: New & Next
- Open Q&A with Data Platforms Product Management
- Ten Times Faster Queries with Columnar Storage
- The Data Architecture that Leaves You Glueless
- Town Hall: Meet InterSystems Data Platforms Leaders
- Use Natural Language Processing to Drive Patient Engagement
- Why Horizontal Scalability Is Like Teamwork
- Working with Event Streaming Platforms

DATA PLATFORMS MIGRATION

- How InterSystems IRIS Helped Us Innovate
- Real-Life Experiences Migrating a Caché Application Portfolio to InterSystems IRIS

DATA PLATFORMS SECURITY

- The OWASP Top 10 & InterSystems IRIS Application Development
- Updates in Security

DEPLOYMENT

- InterSystems Deployment Options

DEVELOPER EXPERIENCE

- Let InterSystems IRIS Do the Work: Git Source Control & Linting ObjectScript Across Editors
- Modern(izing) Full Stack Development on InterSystems IRIS
- Understanding Your InterSystems Login Account & Where to Use It

DEVOPS

- Observability with InterSystems IRIS
- Real-World CI/CD: Keep Calm and Build On
- System Performance Review for InterSystems IRIS Applications

EMBEDDED PYTHON

- Embedded Python Use Cases
- Using Python with InterSystems IRIS FHIR

FHIR

- AWS Event-Driven Architecture: InterSystems FHIR Transformation Service Use Case
- AWS & InterSystems FHIR Technologies
- Getting to Know FHIR: The Best Explanation of FHIR They've Ever Heard
- InterSystems IRIS FHIR SQL Builder: Sneak Peek
- Using FHIR Shorthand

FINANCIAL SERVICES

- What's New in Financial Services

HEALTHCARE CUSTOMER

- A Payer's Journey to Regulatory Compliance and Beyond
- Customer Spotlight: At Parc Tauli, Data Lake Improves Healthcare
- Querying 6 Terabytes of Protected Health Information at Northwell
- Semantic Interoperability at Healthix: Using Managed Terminology within HealthShare

HEALTHSHARE

- Achieving Single Sign-On: External Providers, HealthShare Unified Care Record, Clinical Viewer
- Care Plans & Shared Care Through InterSystems Care Community
- Clinical Viewer & Navigation Application: New & Next
- CommonWell Connection
- Health Connect Cloud
- Health Insight: New & Next
- Healthcare Action Engine and CDS Hooks: Sneak Peek
- HealthShare Analytics Solution: So Many Tools, So Much Power
- HealthShare Health Connect: Tips & Tricks
- HealthShare Provider Directory & Patient Index: New & Next
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- Overview of Clinical Research Powered by InterSystems
- Personal Community: New & Next
- Querying 6 Terabytes of Protected Health Information at Northwell
- Semantic Interoperability at Healthix: Using Managed Terminology within HealthShare
- The Future of HealthShare in the Cloud: Containers/ Kubernetes
- Time to Value: Reducing the Time & Cost of Your Implementation
- Unified Care Record: New & Next
- Updates in Security in the HealthShare Suite

MACHINE LEARNING

- IntegratedML Advanced Topics
- Introduction to AutoML

PARTNER & USER COMMUNITIES

- Can Technology Close the Gap of Health Equity?
- Developer Ecosystem: Community, Global Masters, Open Exchange
- InterSystems Startup Accelerator: Pitching Sessions

SUPPLY CHAIN

- Challenges of Global Supply Chain & How InterSystems IRIS Supply Chain Addresses Them
- Data at the Heart of Supply Chain Resilience
- View From the Control Tower: From Source to Consumption

TRAKCARE

- Introduction to the TrakCare Innovation Toolkit
- Patient Experience and the EHR

BREAKOUT SESSIONS

In alphabetical order. All breakout sessions are 45 minutes long.

Achieving Single Sign-On: External Providers, HealthShare Unified Care Record, Clinical Viewer

Tuesday, June 21, 3:30 PM, 301 Ashnola (3rd Floor)
François Le Floch, Senior Solutions Engineer, InterSystems

This session will focus on web browser single sign-on (SSO) from third-party applications to HealthShare Unified Care Record® and the Clinical Viewer.

Third-party applications could include a hospital electronic medical record, a professional user portal, or ubiquitous industry identity services solutions, such as Microsoft Azure AD, WSO2, Okta, or Apple.

We'll review our customers' most commonly used methods for browser single sign-on access to HealthShare, with examples covering SAML, OAuth/OpenID Connect, and Integrated Windows Authentication (which leverages Kerberos and LDAP for users logged in to a Windows AD domain). Advanced level.

Analytics with InterSystems: New & Next

Tuesday, June 21, 3:30 PM, 501 Chiwawa (5th Floor)
InterSystems-wide product management team

Overview of new and improved capabilities for analytics and artificial intelligence on data managed by InterSystems. We'll take a look at analytics across InterSystems IRIS and InterSystems IRIS for Health platforms, HealthShare, and TrakCare. This session will help you to determine which additional sessions about analytics and artificial intelligence are relevant to you. Beginner level.

A Payer's Journey to Regulatory Compliance and Beyond

Wednesday, June 22, 4:30 PM, 301 Ashnola (3rd Floor)
Eric Tienda, Enterprise Architect, CareSource

Learn how CareSource, a U.S.-based payer, plans to leverage HealthShare beyond meeting CMS Interoperability rules. You'll get background on the U.S. regulations and CareSource's decision to select HealthShare. Then we'll take a deep dive into the implementation and lessons learned. There will be some technical discussion about the architecture of CareSource's solution, including implementation of the FHIR server. We'll end with CareSource's future plans to leverage the infrastructure for other use cases. All levels.

API Management with InterSystems IRIS

Tuesday, June 21, 2:30 PM, Elwha A (5th Floor)
Stefan Wittmann, Product Manager, InterSystems
Bob Kuszewski, Product Manager, Developer Experience, InterSystems

Join us for a brief overview of the InterSystems API Manager (IAM) and a deeper dive into new features of IAM 2.3 and 2.8. Intermediate level.

AWS & InterSystems FHIR Technologies

Thursday, June 23, 2:30 PM, Columbia A (3rd Floor)
Regilo Souza, Product Owner, InterSystems
Dimitri Restaino, Solutions Architect, Amazon Web Services

How AWS and InterSystems technologies work together to offer world class services. Intermediate level.

AWS Event-Driven Architecture: InterSystems FHIR Transformation Service Use Case

Thursday, June 23, 1:30 PM, Columbia A (3rd Floor)
Regilo Souza, Product Owner, InterSystems
Gopi Kolla, Partner Solutions Architect, HCLS at Amazon Web Services

How InterSystems FHIR Transformation Services modified its architecture to AWS Event-Driven Architecture to improve performance and reduce costs. Intermediate level.

Breaking Data Silos Through Strategic Healthcare Partnerships

Wednesday, June 22, 3:30 PM, Columbia A (3rd Floor)
Rick VanNess, Director, Product Development, Rhodes Group

Learn how Rhodes Group, a software company serving laboratories and health systems, leveraged aggregated data to address public health needs around hepatitis C in New Mexico. You'll get background on how laboratory data is uniquely positioned to address a variety of large-scale needs. We'll explore lessons learned, discuss some of the technical architecture, and share how we plan to leverage this data and more to address future challenges. Intermediate level.

Can Technology Close the Gap of Health Equity?

Wednesday, June 22, 4:30 PM, 502 Cowlitz (5th Floor)
Mike LaRocca, Founder & CEO, Ready Computing

Health equity and the role of technology in delivering whole patient care is growing in popularity. It is evident that whole-person care happens outside medical settings. Medical facilities are ill-equipped to meet the complete needs of the individuals they serve. This presentation will outline the challenges of providing care, especially in rural and underserved communities. As technology has evolved, there are growing options available for budget-strapped entities to better serve their community and achieve health equity. Intermediate level.

Care Plans & Shared Care Through InterSystems Care Community

Tuesday, June 21, 2:30 PM, 302 Beckler (3rd Floor)
Jeremy Davis, Product Manager, InterSystems

Learn about Care Community's® shared, collaboratively authorable care plan and the tasks, notifications, and care team capabilities that drive proactive care planning and coordination. Intermediate level.

Challenges of Global Supply Chain & How InterSystems IRIS Supply Chain Addresses Them

Tuesday, June 21, 4:30 PM, 702 Clearwater (7th Floor)
Mark Holmes, Senior Advisor of Supply Chain, InterSystems
Ming Zhou, Head of Supply Chain Strategy, InterSystems

Learn about the state of our supply chain today, where it is headed, and what InterSystems IRIS® data platform offers our partners and customers. We'll look at how InterSystems IRIS addresses supply chain business challenges today and the data platform's roadmap for the future. We'll discuss customer success stories addressing end-to-end supply chain visibility and actionable insights using our smart data fabric as the enabler. Relevant for anyone looking to improve operational excellence in retail, consumer goods, healthcare, medical devices, and government. Beginner level.

Clinical Viewer & Navigation Application: New & Next

Wednesday, June 22, 4:30 PM, 302 Beckler (3rd Floor)
Julie Smith, Clinical Product Manager, InterSystems

Learn about new features in Clinical Viewer and what's coming next. Intermediate level.

CommonWell Connection

Tuesday, June 21, 4:30 PM, 501 Chiwawa (5th Floor)
Alex MacLeod, Director, HealthShare Commercial Initiatives, InterSystems
Kevin Ferriter, Program Manager, InterSystems

Learn about the HealthShare CommonWell integration, which connects to over 159 million patients and over 25,000 provider sites. Beginner level.

Customer Spotlight: At Parc Tauli, Data Lake Improves Healthcare

Tuesday, June 21, 4:30 PM, 301 Ashnola (3rd Floor)
Alberto Fuentes, Sales Engineer, InterSystems
José Carlos Ruiz, Professional Services Manager, InterSystems

Learn how InterSystems helped Parc Tauli, a major healthcare provider group in Northern Spain, implement a normalized and validated data lake as the backbone for improving quality of care, creating analytics, accelerating decision-making processes, and incorporating technological innovations in a public consortium of healthcare centers. Intermediate level.

Data at the Heart of Supply Chain Resilience

Wednesday, June 22, 2:30 PM, 702 Clearwater (7th Floor)
Mark Holmes, Senior Advisor of Supply Chain, InterSystems

Join this special supply chain roundtable discussing top business challenges and the importance of accurate, real-time, actionable insights. Intermediate level.

Developer Ecosystem: Community, Global Masters, Open Exchange

Wednesday, June 22, 2:30 PM, 512 Willapa (5th Floor)
Startups and Community Manager Evgeny Shvarov, InterSystems
Head of Developer Relations Dean Andrews, InterSystems

Learn about the latest news and features of InterSystems powerful Developer Community portal, Global Masters developer contest site, and our Open Exchange application marketplace. We'll demonstrate how to take full advantage of these amazing resources to accelerate your projects, learn integration details, and earn rewards. Beginner level. Related Experience Lab: Streamlining Development and Distribution with InterSystems Package Manager

Embedded Python Use Cases

Wednesday, June 22, 4:30 PM, Elwha A (5th Floor)
Guillaume Rongier, Sales Engineer, InterSystems
Ronald Soelkner, Software Engineer, Novacom GmbH
Hideyuki Takahashi, Senior Manager, RS System Department, Information Systems Division, PALTAC CORPORATION

Learn how InterSystems IRIS users are deploying Embedded Python to speed their application development. Intermediate level. Related Experience Lab: Parsing Images and Charting Data with Embedded Python

Getting to Know FHIR: The Best Explanation of FHIR They've Ever Heard

Monday, June 20, 2:00 PM - 6:00 PM, Elwha A (5th Floor)
Russ Leftwich, MD, Senior Clinical Advisor, Interoperability, InterSystems
Laura Heermann Langford, Ph.D., RN, FAMIA

This four-hour nontechnical workshop has gotten the same comment from attendees at each of 18 presentations: "It's the best explanation of FHIR I have heard. Now I understand why it is the future of healthcare interoperability." You'll learn what HL7 FHIR is, how it works (through a hands-on exercise), and why it is a game changer for data interoperability and the healthcare data standard of the future. Delivered by Russ Leftwich, InterSystems internal FHIR expert, co-chair of two HL7 workgroups developing the FHIR standard, and a director and treasurer of the HL7 FHIR foundation, this workshop is designed for nontechnical learners or developers who are unfamiliar with FHIR. It has been presented at the CyncHealth Nebraska HIE Interoperability Conference and MedInfo International in France. The American Medical Informatics Association accepted it 10 times for its meetings, and it has become part of the biomedical informatics curriculum at Arizona State University. Bring your own laptop.

Health Connect Cloud

Tuesday, June 21, 1:30 PM, Elwha A (5th Floor)
Alex MacLeod, Director, HealthShare Commercial Initiatives, InterSystems
Mark Bolinsky, Principal Technology Architect, InterSystems
Regilo Souza, Product Owner, InterSystems

Get a brief overview of our new Health Connect PaaS offering in the cloud. Health Connect has a proven record of success in demanding and data-intensive environments. Health Connect Cloud will empower organizations to accelerate data integration and connectivity processes while reducing resource and IT staff requirements. Beginner level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

Health Insight: New & Next

Tuesday, June 21, 4:30 PM, 302 Beckler (3rd Floor)
Ben Schlanger, Product Manager, InterSystems
Jonathan Wald, Clinical Product Manager, HealthShare Health Insight Solutions, InterSystems

We will review the latest additions to Health Insight and future product plans for analytics in HealthShare.

Healthcare Action Engine and CDS Hooks: Sneak Peek

Wednesday, June 22, 3:30, Chiwawa (5th Floor)
Frank Pandolfe, Clinical Product Specialist, InterSystems

Learn how the upcoming Healthcare Action Engine will combine event detection, complex logic, and a notification framework to improve synchronous and asynchronous notifications. Intermediate level.

BREAKOUT SESSIONS

In alphabetical order. All breakout sessions are 45 minutes long.

HealthShare Analytics Solution: So Many Tools, So Much Power

Wednesday, June 22, 4:30 PM, 702 Clearwater (7th Floor)
Kenneth Connaughton, Senior Solution Architect, InterSystems
Renan Lourenco, Solutions Engineer, InterSystems

There are a lot of building blocks in the HealthShare Analytics Solution, often working their magic behind the scenes. Learn what it takes to get to valuable insights from your data and how to take advantage of tools your teams may already know, such as Tableau or PowerBI. Intermediate level.

HealthShare Health Connect: Tips & Tricks

Tuesday, June 21, 2:30 PM, 702 Clearwater (7th Floor)
Aya Heshmat, Product Specialist, InterSystems
Justin Owens, Programmer Analyst, Orlando Health

Whether you're a new user to Health Connect or a veteran, you'll discover best practices for building interfaces with Health Connect by leveraging all the capabilities at your fingertips. In this session, you'll learn about ways to enhance and optimize your integrations to increase efficiencies. Intermediate level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

HealthShare Provider Directory & Patient Index: New & Next

Wednesday, June 22, 3:30 PM, 302 Beckler (3rd Floor)
James Derrickson, Product Manager, InterSystems

Learn about new features in Provider Directory and what's coming next for curating and sharing provider information as a data asset. Intermediate level.

How InterSystems IRIS Helped Us Innovate

Tuesday, June 21, 2:30 PM, 301 Ashnola (3rd Floor)
David Reche, Sales Account Manager
Bidatzi Marín Bastida, Servicio Andaluz de Salud

Join us to learn how a large regional healthcare provider migrated from InterSystems Ensemble® to InterSystems IRIS for Health. The focus will be on high-volume processing, performance increases, and the ability to serve a broader set of use cases through more feature functionality. Intermediate level.

How InterSystems Supports the CMS & ONC Regulations as well as Prior Authorization

Wednesday, June 22, 1:30 PM, Columbia A (3rd Floor)
Lynda Rowe, Senior Advisor, Value-Based Markets, InterSystems

Regulations in the U.S. market can have a significant impact on payers and providers. Come hear how InterSystems has been building out capabilities to support current and future regulations. All levels.

IntegratedML Advanced Topics

Wednesday, June 22, 2:30 PM, 502 Cowlitz (5th Floor)
Thomas Dyar, Product Specialist, Machine Learning, InterSystems

How can IntegratedML® fit into your analytics and application development workflows? How can it, Adaptive Analytics, DataRobot, and related tools work together to enable actionable predictive analytics? Join us to get the answers. Advanced level.

InterSystems Deployment Options

Thursday, June 23, 2:30 PM, Elwha A (5th Floor)

Ray Wright, Principal Technology Architect, InterSystems

Choosing the right deployment environment for your application built with InterSystems technologies means making informed decisions on a range of topics: container, virtual machine, or bare metal? On-premise, hosted, private cloud, or public cloud? Linux or Windows horizontal scaling, vertical scaling, or both? Platform high availability or synchronous mirroring? Disaster recovery required or not? In this session, you'll hear real-world feedback about current best practices, the thinking behind it, and how InterSystems can help you make deployment decisions that mean your system will be effective, scalable, and resilient. Intermediate level.

InterSystems IRIS Cloud IntegratedML

Tuesday, June 21, 1:30 PM, 512 Willapa (5th Floor)
Saurav Gupta, Sales Engineer, InterSystems
Kinshuk Rakshith, Sales Engineer, InterSystems

Machine learning: How difficult can it be? Intermediate level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

InterSystems IRIS Cloud On-Demand Services

Wednesday, June 22, 3:30 PM, Elwha A (5th Floor)
Todd Sylvester, Director, Cloud Strategy, Execution, and Alliances, InterSystems
Samuel Ferguson, Systems Developer, InterSystems

Review of present InterSystems cloud services and use cases, as well as a roadmap for the future. Beginner level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

InterSystems IRIS Cloud SQL

Wednesday, June 22, 4:30 PM, 512 Willapa (5th Floor)
Richard Guidice, Senior Cloud Engineer, InterSystems
Steve LeBlanc, Product Specialist, InterSystems

Learn how to deploy a fully managed, scalable, and secure InterSystems IRIS® SQL engine in the cloud in under a minute. We'll show you how to get up and running quickly through the InterSystems Cloud Portal — import your schemas and data and connect easily using InterSystems JDBC, ADO.NET, DB-API, and ODBC client drivers. Intermediate level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

InterSystems IRIS FHIR SQL Builder: Sneak Peek

Tuesday, June 21, 4:30 PM, Elwha A (5th Floor)
Patrick Jamieson, Product Manager, InterSystems

Join us to learn about exciting new ways to perform analytics using data in your FHIR repository. Intermediate level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

InterSystems IRIS Live Demos

Tuesday, June 21, 3:30 PM, 702 Clearwater (7th Floor)
Joe Gallant, Manager, Sales Engineering, InterSystems
Wei-Wen Lee, Quantitative Development Engineer, Financial Services, InterSystems

See InterSystems IRIS in action as it is applied to real-world use cases, including business 360 and real-time analytics processing. Intermediate level.

InterSystems IRIS SQL: Not Your Average (Wedding) Planner

Wednesday, June 22, 3:30 PM, 502 Cowlitz (5th Floor)
Benjamin De Boe, Product Manager, InterSystems

InterSystems IRIS has a proven, mature SQL engine that leverages advanced statistics, smart caching, and automation to take your big question through careful planning and smooth execution to a wonderful result. In this session, we'll explain this process in full and describe how the enhancements we've rolled out this year for one customer cut the time to run a benchmark literally in half. Intermediate level.

InterSystems Security Development Lifecycle

Wednesday, June 22, 3:30 PM, 702 Clearwater (7th Floor)

Mark-David McLaughlin, Principal Security Architect, InterSystems

InterSystems actively partners with you to meet your security requirements. In this session, you'll learn about InterSystems approach to security and our security practices. This information will help you understand how to receive and use the information critical to developing, deploying, and operating secure applications. Beginner level.

InterSystems Startup Accelerator: Pitching Sessions

Tuesday, June 21, 4:30 PM, 512 Willapa (5th Floor)

*Startups and Community Manager Evgeny Shvarov, InterSystems
Head of Developer Relations Dean Andrews, InterSystems*

Check out the innovative solutions introduced by cutting-edge healthcare startups. Members of InterSystems 2022 FHIR Startup Accelerator - Caelestinus - will present their solutions, all built on InterSystems FHIR Cloud and Health Connect services. Beginner level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

Introduction to AutoML

Tuesday, June 21, 2:30 PM, 512 Willapa (5th Floor)

*Thomas Dyar, Product Specialist, Machine Learning, InterSystems
David Lepzelter, Data Scientist, InterSystems
Akshat Vora, Systems Developer, InterSystems*

AutoML can help customers with little or no machine learning knowledge build predictive models from their data. Discover its features, when and how to use it, and how to interpret results. Beginner level.

Introduction to the TrakCare Innovation Toolkit

Tuesday, June 21, 1:30 PM, 301 Ashnola (3rd Floor)

Eslam Farahat, Product Manager, InterSystems

The InterSystems TrakCare Innovation Toolkit is a free download that enables TrakCare users to quickly access their data in standard FHIR format, making the system of record a system of transformation. Intermediate level.

Language SDKs: New & Next

Thursday, June 23, 1:30 PM, 502 Cowlitz (5th Floor)

Stefan Wittmann, Product Manager, InterSystems

Get an overview of new and enhanced capabilities of the language SDKs. Intermediate level.

Let InterSystems IRIS Do the Work: Git Source Control & Linting ObjectScript Across Editors

Thursday, June 23, 1:30 PM, 702 Clearwater (7th Floor)

*Sarmishta Velury, Developer, Application Services, InterSystems
Timothy Leavitt, Application Services Development Manager, InterSystems*

Learn about two Open Exchange projects, git-source-control and isc-codetidy, which help in the development process independent of your code editor of choice. Isc-codetidy is new to the Open Exchange, while git-source-control was demonstrated in a session last year and has seen significant improvement thanks to input from the developers who use it. Intermediate level. Related Experience Lab: Streamlining Development and Distribution with InterSystems Package Manager

Modern(izing) Full Stack Development on InterSystems IRIS

Tuesday, June 21, 2:30 PM, 502 Cowlitz (5th Floor)

Timothy Leavitt, Application Services Development Manager, InterSystems

Want to move on from CSP/Zen, but not sure how? Leverage InterSystems-backed tools available on the Open Exchange for rapid REST API development for new and existing data models, along with unified packaging via the InterSystems Package Manager. We'll cover Open Exchange packages, such as isc-json, isc-rest, and isc-ipm-js, plus one or two demo applications to tie it all together. Intermediate level.

Observability with InterSystems IRIS

Tuesday, June 21, 3:30 PM, 512 Willapa (5th Floor)

Bob Kuszewski, Product Manager, Developer Experience, InterSystems

Learn about observability of your InterSystems IRIS application with InterSystems System Alerting and Monitoring (SAM) and modern DevOps tooling. Intermediate level.

Open Q&A with the Data Platforms Product Management

Tuesday, June 21, 4:30 PM, 502 Cowlitz (5th Floor)

*Jeffrey Fried, Director Product Management, Data Platforms, InterSystems
Members of Data Platforms team*

Bring your questions and suggestions for this interactive question and answer session with the InterSystems Database Platform team. All levels.

Open Q&A with HealthShare Product Management

Thursday, June 23, 1:30 PM, Beckler (3rd floor)

HealthShare Product Management team

Bring your questions and suggestions for this interactive, open-discussion session with the InterSystems HealthShare® team. All levels.

BREAKOUT SESSIONS

In alphabetical order. All breakout sessions are 45 minutes long.

Overview of Clinical Research Powered by InterSystems

Wednesday, June 22, 2:30 PM, 301 Ashnola (3rd Floor)

Qi Li, MD, Physician Executive, InterSystems
Shawn Murphy, MD, Chief Research Information Officer, Partners HealthCare; and Professor of Neurology and Biomedical Informatics, Harvard Medical School
Anatoly Postilnik, Head of Healthcare Practice, First Line Software

Get updates on several initiatives with open-source research tools (i2b2/OMOP) in support of clinical research using InterSystems IRIS and HealthShare. Intermediate level.

Patient Experience and the EHR

Wednesday, June 22, 1:30 PM, 301 Ashnola (3rd Floor)

Meredith Staszak, Product Manager, Patient Experience, InterSystems

Review and discussion of patient experience initiatives and plans for our hospital clients. Beginner level.

Personal Community: New & Next

Tuesday, June 21, 1:30 PM, 302 Beckler (3rd Floor)

Meredith Staszak, Product Manager, Patient Experience, InterSystems

Get an inside look at the next generation of Personal Community. Intermediate level.

Querying 6 Terabytes of Protected Health Information at Northwell

Wednesday, June 22, 3:30 PM, 301 Ashnola (3rd Floor)

Liang (Simon) Sha, Sales Engineer, InterSystems
Kyle Baxter, Senior Technical Architect, Development Manager, Northwell

Discover how Northwell Health manages 6 TB of clinical SQL data in HealthShare Health Insight with concurrent, near real-time updates. You'll learn how to deliver analytics to your business units by

- Securing PHI access
- Enabling dynamic data normalization
- Achieving query response times that meet or exceed user needs

Other takeaways include SQL code optimization tips and tricks. Advanced level.

Real-Life Experiences Migrating a Caché Application Portfolio to InterSystems IRIS

Tuesday, June 21, 3:30 PM, 502 Cowlitz (5th Floor)

Matthew Giesmann, Developer, Application Services, InterSystems
Harry Huang, Technical Specialist, Application Services, InterSystems

Learn about AppServices' experiences migrating our collection of applications to InterSystems IRIS. We'll cover migration-related topics at the OS, platform, and application levels. Intermediate level.

Real-World CI/CD: Keep Calm & Build On

Thursday, June 23, 2:30 PM, 512 Willapa (5th Floor)

Andries Demont, Sales Engineer, InterSystems
Jelle Michiels, Sales Engineer, InterSystems

Learn how one of our customers has built a complete, modern, CI/CD (Continuous Integration/Continuous Delivery) pipeline for an InterSystems IRIS-based application using tools like Docker, Git, unit tests, and Azure DevOps to roll out new features comfortably and continuously. Learn how you can lower the stress of service delivery.

Reporting & Business Intelligence: What's New?

Wednesday, June 22, 4:30 PM, 501 Chiwawa (5th Floor)

Carmen Logue, Product Manager, Analytics & AI, InterSystems
Asaf Sinay, Analytics Technologies Support Manager, InterSystems

We have a lot to share with you about what is now available in InterSystems IRIS Business Intelligence and InterSystems Reports. In this session, we'll give you a tour through our most recent updates. Intermediate level.

Semantic Interoperability at Healthix: Using Managed Terminology within HealthShare

Wednesday, June 22, 1:30 PM, 302 Beckler (3rd Floor)

Nick VanDuyne, Senior Vice President/CIO, Healthix
Steve McGlothlin, Product Manager, J2 Interactive

Healthix, one of the largest public health information exchanges in the United States, is improving health outcomes by proactively identifying and correcting nonstandardized, incorrect, or local codes sent by its 8,000+ participants. Using J2 Managed Terminology in conjunction with InterSystems HealthShare Unified Care Record®, Healthix has seen a dramatic improvement in data quality and data trust since the beginning of the year. Join us to hear about the approach, results, and lessons learned from this ongoing effort. All levels.

System Performance Review for InterSystems IRIS Applications

Thursday, June 23, 2:30 PM, 502 Cowlitz (5th Floor)

Murray Oldfield, Principal Technology Architect, InterSystems

If you hit a bottleneck in system resources, your users will suffer. So, to ensure your systems are the right size, you need to understand how your InterSystems IRIS applications use system resources. This is even more important when you move applications to the cloud, where vendors impose strict limits on capacity and throughput. In this session, you'll learn the key metrics and how to collect them. Beginner level.

Ten Times Faster Queries with Columnar Storage

Wednesday, June 22, 2:30 PM, 501 Chiwawa (5th Floor)

Benjamin De Boe, Product Manager

Columnar storage is an all-new SQL table option that easily speeds up your analytical queries by a factor of 10 or more. In this session, we'll describe how this storage option differs from the classic transaction-oriented layout and which use cases benefit most from it. Intermediate level.

The Data Architecture that Leaves You Glueless

Tuesday, June 21, 1:30 PM, 501 Chiwawa (5th Floor)

Benjamin De Boe, Product Manager

The world of data is full of exciting problems and even more exciting solutions. For every use case, there's a technology or service out there with the best way to manage its data. In this session, we'll use a hospital information system as an example of how a best-of-breed approach may help you to the best innovations, but also leave you with a very eclectic data architecture that is costly to glue together and maintain. There is an alternative: innovations could be part of a single, unified platform delivering translytical capabilities across data models, essentially leaving you glueless. Beginner level.

The Future of HealthShare in the Cloud: Containers/ Kubernetes

Tuesday, June 21, 3:30 PM, Elwha A (5th Floor)

*Mark Bolinsky, Principal Technology Architect, InterSystems
Renan Lourenco, Solutions Engineer, InterSystems*

Get a brief overview of the near- and long-term plans for HealthShare containerization and Kubernetes adoption, as well as a preview/demo of our current progress. Advanced level.

The OWASP Top 10 & InterSystems IRIS Application Development

Thursday, June 23, 2:30 PM, 501 Chiwawa (5th Floor)

Timothy Leavitt, Application Services Development Manager, InterSystems

*Pravin Barton, Developer, Application Services, InterSystems
Harry Huang, Technical Specialist, Application Services, InterSystems*

Explore common security pitfalls within the industry and how to avoid them when building applications on InterSystems IRIS. Intermediate level.

Time to Value: Reducing the Time & Cost of Your Implementation

Thursday, June 23, 1:30 PM, 301 Ashnola (3rd Floor)

Leah Goddard, Product Manager, InterSystems

Learn about a new tool – HL7 v2 Data Profiling Tool – to help speed up onboarding of HL7 v2 data feeds by validating messages against standard schemas, custom schemas, and SDA. Intermediate level.

Town Hall: Meet InterSystems Data Platforms Leaders

Wednesday, June 22, 2:30 PM, Columbia A (3rd Floor)

*Scott Gnau, Head of Data Platforms, InterSystems
Jeffrey Fried, Director Product Management, Data Platforms, InterSystems
Todd Sylvester, Director, Cloud Strategy, Execution, and Alliances, InterSystems*

Here's your chance to interact with the people heading up development of our InterSystems IRIS products and our cloud services. Joins us for this town-hall-style event. All levels

Understanding Your InterSystems Login Account & Where to Use It

Wednesday, June 22, 3:30 PM, 512 Willapa (5th Floor)

*Benjamin Spead, Manager, Application Services, InterSystems
Pravin Barton, Developer, Application Services, InterSystems*

Learn about your InterSystems Login Account, how to use it to get access to InterSystems Services like the Developer Community, Evaluation Service, Open Exchange, Online Learning, WRC, and others. This will also cover the new features for controlling your personal communication preferences. Beginner level.

Unified Care Record: New & Next

Wednesday, June 22, 2:30 PM, 302 Beckler (3rd Floor)

*Matthew Spielman, Senior Manager, Product Management, InterSystems
Sebastian Musielak, Product Manager, InterSystems*

A look back at recent developments in care planning and coordination and a look forward at what is on the horizon. Intermediate level. Related Experience Lab: Streamlining Development and Distribution with InterSystems Package Manager

Updates in Security

Tuesday, June 21, 1:30 PM, 502 Cowlitz (5th Floor)

Andreas Dieckow, Principal Product Manager, InterSystems

Join us for this session on security-related topics, starting with the change to the OpenSSL libraries and the general distribution of third-party libraries with InterSystems products (e.g., Web Server). We'll conclude with an early look at a new, nondefault user implementation that makes default users obsolete. Intermediate level. Related Experience Lab: Streamlining Development and Distribution with InterSystems Package Manager

Updates in Security in the HealthShare Suite

Thursday, June 23, 2:30 PM, 302 Beckler (3rd Floor)

Sebastian Musielak, Product Manager, InterSystems

Join us to learn about the new and future changes to the security framework in the HealthShare® product suite. Topics include OAuth 2.0, SSO, and the Universal Login Page. Intermediate level.

Use Natural Language Processing to Drive Patient Engagement

Wednesday, June 22, 4:30 PM, Columbia A (3rd Floor)

*Qi Li, MD, Physician Executive, InterSystems
Benjamin De Boe, Product Manager, InterSystems
Joseph Cofone, Senior Business Application Analyst, Patient Technologies, Baystate Health
Kenneth Riley, Director of Health Information Exchange, Baystate Health*

Learn how to leverage InterSystems IRIS Natural Language Processing to analyze patient portal messages and improve patient engagement. Advanced level.

BREAKOUT SESSIONS

In alphabetical order. All breakout sessions are 45 minutes long.

Using FHIR Shorthand

Thursday, June 23, 1:30 PM, Elwha A (5th Floor)

Patrick Jamieson, Product Manager, InterSystems

FHIR Shorthand (FSH) is a domain-specific language for defining FHIR artifacts involved in creation of FHIR Implementation Guides (IG). Learn how you can use FSH to create a FHIR IG. Advanced level. Related Experience Lab: Using InterSystems Cloud Services with FHIR Data

Using Python with InterSystems IRIS

Wednesday, June 22, 2:30 PM

Bob Kuszewski, Product Manager, Developer Experience, InterSystems

Stefan Wittmann, Product Manager, InterSystems

Raj Singh, Developer Experience Product Manager

Witness all the ways you can use InterSystems IRIS with Python – traditional client/server, Embedded Python, and the Python Gateway. Learn when to use each of them. Intermediate level. Related Experience Lab: Parsing Images and Charting Data with Embedded Python

View From the Control Tower: From Source to Consumption

Thursday, June 23, 1:30 PM, 512 Willapa (5th Floor)

Jochen Boldt, Sales Director, InterSystems

Mark Holmes, Senior Advisor of Supply Chain, InterSystems

Join us to discuss the supply chain journey from source to point of consumption with an “Ultimate Control Tower” demo showing how InterSystems IRIS connects data from ALL sources – from the first mile to the manufacturing shop floor to the last mile – driving real-time, accurate, actionable insights to meet customer expectations. Relevant for anyone looking to improve operational excellence in retail, consumer goods, healthcare, medical devices, and government. Intermediate level.

What's New in Financial Services

Tuesday, June 21, 1:30 PM, 702 Clearwater (7th Floor)

Joe Lichtenberg, Product and Industry Marketing Director, InterSystems

Learn how our financial services customers are using InterSystems IRIS to connect to a range of internal and external systems and sources to deliver a 360-degree view of a business and accelerate digital transformation initiatives. Beginner level.

Why Horizontal Scalability Is Like Teamwork

Tuesday, June 21, 2:30 PM, 501 Chiwawa (5th Floor)

Benjamin De Boe, Product Manager, InterSystems

With InterSystems IRIS, you can distribute your data and workload across a cluster of nodes, scale in and out, and dynamically rebalance as needed. In this session, you'll learn more about the technology and some of our deployments. Intermediate level.

Working with Event Streaming Platforms

Thursday, June 23, 2:30 PM, 702 Clearwater (7th Floor)

Michael Braam, Senior Sales Engineer, InterSystems

Learn different ways to connect and interact with event streaming platforms like Kafka. Intermediate level.

Sky Church at the Museum of Pop Culture

TRIBUTE TO SEATTLE MUSIC

Integrity Check

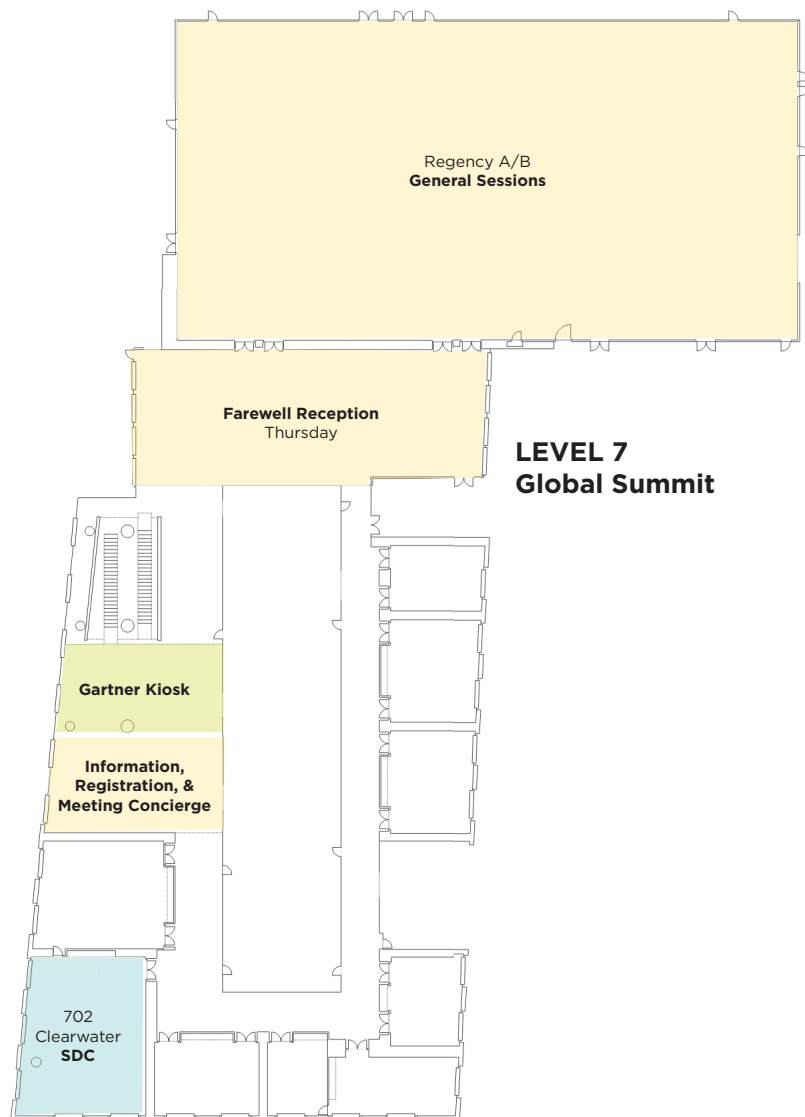
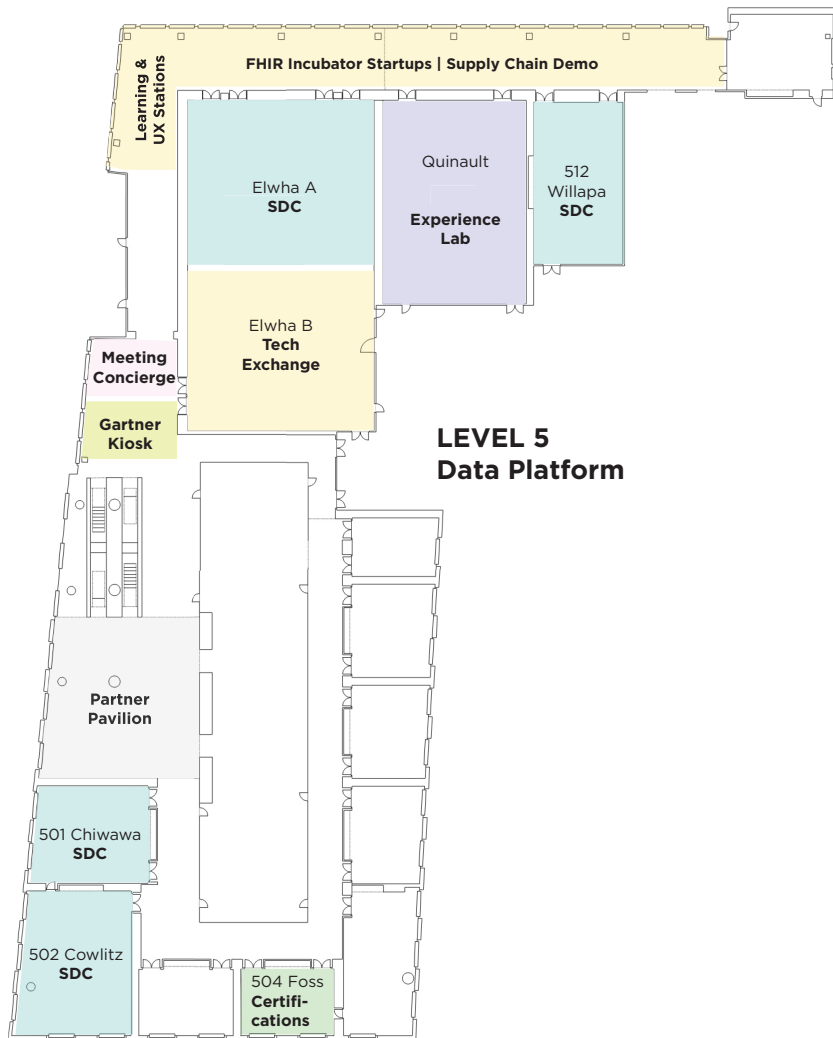
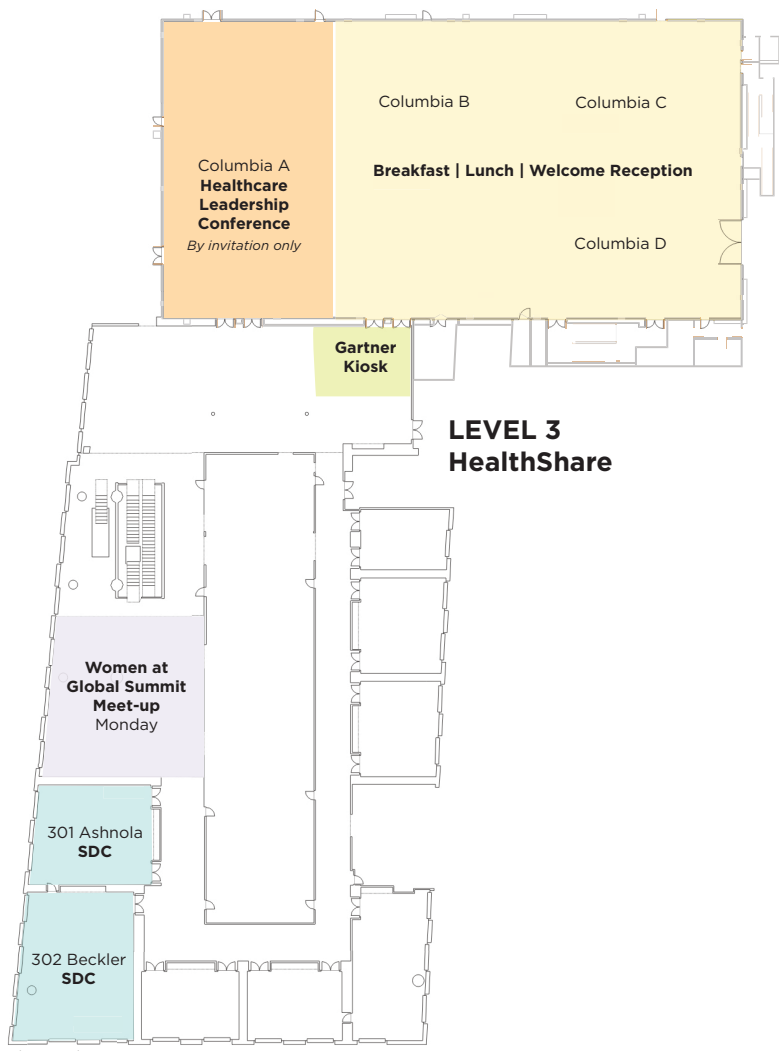
InterSystems Band

**Don Woodlock
Randy Pallotta
Joe Lichtenberg
Nicholai Mitchko
Neal Aggarwal
Cherie Goodrick**

Tuesday, June 21

**Doors Open - 7:00 PM
Band Starts - 8:30 PM**

**^Integrity
Check|]**



Directions to the Museum of Pop Culture

1. Gather in the hotel lobby at 6:25 PM. Human arrows wearing royal blue shirts and holding signs will direct you every step of the way.
2. Walk straight south up 8th.
3. Take a right on Pine Street and walk straight to 5th Avenue.
4. The Seattle Monorail entrance is on the corner of 5th and Pine.

NOTE: The Monorail runs every five minutes and is a 90-second ride over (and back) to the Museum of Pop Culture. It operates until 11:00 PM. CAUTION: Please do not jaywalk, as it is not only dangerous, but also illegal in Seattle and could set you back \$68 if you're caught.