Welcome & Keynote

Acumatica
The Cloud ERP

Ali Jani
Chief Product Officer
Acumatica

Mark Franks
Sr. Platform Evangelist
Acumatica

Agenda

- Welcome!
- Sponsors
- What You Can Expect Today & Tomorrow
- Developer Community Update
- Product Technology Update

https://www.acumatica.com/devcon

#CloudxRPSummit

Our Sponsors

DataSelf INFORMED DECISIONS

REPAY Realtime Electronic Payments

SDSI UnForm DOCUMENT MANAGEMENT

KENSIUM

VERTEX

Velixo

pacejet

ShipHawk

paya

Avalara

SWK TECHNOLOGIES

ShipStation

Schedule & Sessions - Today

JUN
15 Wednesday

9:00 am
9:30 am

Ali Jani

Welcome & Keynote

9:30 am
10:30 am

Nayan Mansinha

xRP Framework Fundamentals & Best Practices

10:40 am
11:40 am

Samuel-Oliver Lavigueur

Web Services

11:50 am
12:50 pm

Sergey Nikomarov

Acumatica Developer Fundamentals - Part One

1:00 pm
2:00 pm

Evgeny Afanasiev

Acumatica Developer Fundamentals - Part Two

```
context.AddScreenConfigurationFor(screen =>
    screen
    .StateIdentifierIs<status>()
    .AddDefaultFlow(flow =>
        flow
        .WithFlowStates(fss =>
        {
            fss.Add(initialState, flowState => flowSt
            fss.Add<State.hold>(flowState => ...);
            fss.Add<State.open>(flowState => ...);
            fss.Add<State.confirmed>(flowState => ...
            fss.Add<State.partiallyInvoiced>(flowStat
            fss.Add<State.invoiced>(flowState => ...);
            fss.Add<State.completed>(flowState => ...
        })
        .WithTransitions(transitions =>
        {
            transitions.AddGroupFrom(initialState, ts
            transitions.AddGroupFrom<State.hold>(ts =
            transitions.AddGroupFrom<State.open>(ts =
            {
                ts.Add(t => t.To<State.hold>().IsTrig
                ts.Add(t => t.To<State.confirmed>().I
            });
            transitions.AddGroupFrom<State.confirmed>
            {
                ts.Add(t => t.To<State.open>().IsTrig
                ts.Add(t => t.To<State.invoiced>().Is
                ts.Add(t => t.To<State.partiallyInvoi
            });
            transitions.AddGroupFrom<State.partiallyI
            transitions.AddGroupFrom<State.invoiced>(
            transitions.AddGroupFrom<State.completed>
        }))
```

Schedule & Sessions - Tomorrow

JUN
16 Thursday

9:00 am
9:10 am

Mark Franks

Welcome & Recap of Day One

9:10 am
10:10 am

Gabriel Michaud

Continuous Integration/Continuous Deployment

10:20 am
11:20 pm

Doug Johnson

Acumatica Workflow

11:30 am
12:30 pm

Dmitrii Naumov

Acumatica Performance Optimization Best Practices

12:40 pm
1:40 pm

Mike Chtchelkonogov

Acumatica Developer Roadmap

```
context.AddScreenConfigurationFor(screen =>
    screen
    .StateIdentifierIs<status>()
    .AddDefaultFlow(flow =>
        flow
        .WithFlowStates(fss =>
        {
            fss.Add(initialState, flowState => flowSt
            fss.Add<State.hold>(flowState => ...);
            fss.Add<State.open>(flowState => ...);
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            {
                ts.Add(t => t.To<State.hold>().IsTrig
                ts.Add(t => t.To<State.confirmed>().I
            });
            transitions.AddGroupFrom<State.confirmed>
            {
                ts.Add(t => t.To<State.open>().IsTrig
                ts.Add(t => t.To<State.invoiced>().Is
                ts.Add(t => t.To<State.partiallyInvoi
            });
            transitions.AddGroupFrom<State.partiallyI
            transitions.AddGroupFrom<State.invoiced>(
            transitions.AddGroupFrom<State.completed>
        }))
```

Developer Community Update

Developer Community

Product User Group

Community Heroes

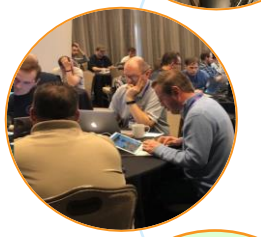
29 Dev MVPs
Developer of the Year

Developer Forum

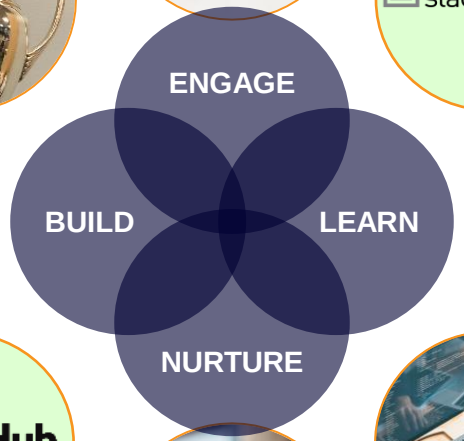
MVPs drive

Build Together

Summit Hackathon



Learn Together



Community Repositories

Acumatica Surveys
62 Active Repositories

Technical Learning

Developer
Program and Portal

Developer MVPs

Developer Spotlight

At Acumatica, we love our developers. Meet our featured developers and read their stories – where they work, what they do, and what makes them tick.

Leonardo Justiniano

The Answer Company, Computer Engineer

More Info

Sai Chettiar

Kensium, Sr. Solution Architect

More Info

Raj Gopinathan

CCS Technology, Software Developer

More Info

Troy Vars

CS3 Technology, Senior Consultant/Developer

More Info

Kyle Vanderstoep

Contou Inc., Solutions Architect

More Info

Robert Waite

APS Payments, Lead Developer

More Info

Chris Hardgrove

NexTec, Senior Developer

More Info

Samvel Petrosov

Information Integration Group, Inc., Software Architect

More Info

Keith Richardson

Haun Welding Supply, Application Systems Architect

More Info

Joe Jacob

Crestwood Associates, LLC., Senior Software Engineer

More Info

Vinay Koppula

Kensium, Developer Manager

More Info

Shawn Burt

VelocIT Business Solutions, CTO

More Info

Jean-Claude Abela

Computime Software, Senior Software Developer

More Info

Kulvir Kaila

The Answer Company, Software Development Manager, Cloud Solutions

More Info

Naveen Boga

Kensium, Lead Developer

More Info

Joshua van Hoesen

ASI, Lead Software Engineer

More Info

Fernando Amadoz

SkyKnack, CEO

More Info

Marco Villaseñor

Interastar, CTO

More Info

Yuriy Zelatskyy

Kensium Solutions, Solutions Architect

More Info

Diane Cawley

Savant Software, Chief Software Architect

More Info

Gerhard van den Heever

Astraia Technology, Technical Director

More Info

Stéphane Bélanger

Asgard Alliance Software, CEO/Developer

More Info

Joseph Caruana

Computime Software, Senior Solution Lead

More Info

Brian Stevens

SETECH, Lead Developer

More Info

Patrick Chen

SPS Commerce, Staff Software Engineer

More Info

Gabriel Michaud

Velixo, CEO

More Info

Terry Sample

AIM Solutions, Inc., Senior Software Developer

More Info

Dioris Aguilar

Asgard Alliance Software, Sr. Developer

More Info

Acumatica Developer of the Year

Developer Spotlight

At Acumatica, we love our developers. Meet our featured developers and read their stories – where they work, what they do, and what makes them tick.

Developer of the Year for **2022**

Prev Year

Stéphane Bélanger

CEO/Developer,
Asgard Alliance Software

https://www.asgardalliance.com/

Why did we pick this person?

Stéphane was received into the Developer MVP Program in 2020. But his recruitment started a year earlier, after he delivered a developer track session at our annual Summit on work as a developer and architect for a one of our customers. Since that time he has contributed by writing a number of insightful developer blogs over the past couple of years and sharing his deep developer skills at this past year's developer track at Summit as a guest speaker. He also participated in other community activities throughout the year.

He really distinguished himself in 2021, with his contributions to our community open source project - Acumatica Surveys as Robert Waite had done in 2020. He completely rearchitected and rewrote much of the code for Surveys adding a number of new features which will broaden it's adoption in 2022.

Developer Blogs | Sample Code

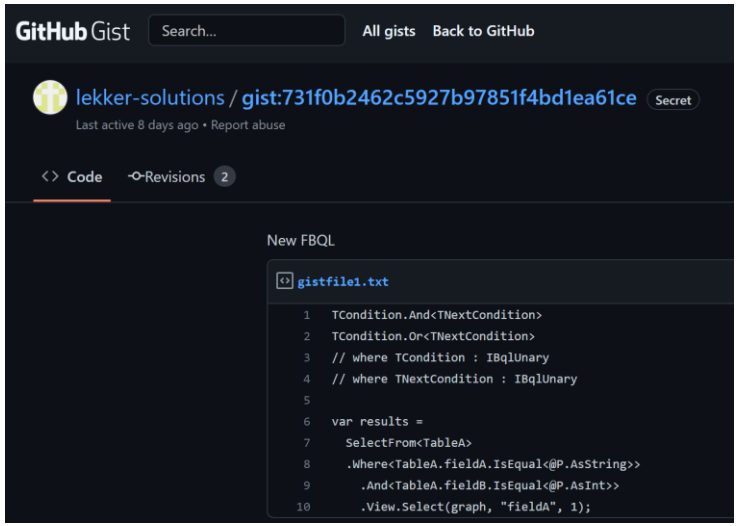
Fluent Conditions

The Fluent conditions approach uses dot-separated chaining of Tunary conditions. All **IbqlUnary** classes, including fluent comparisons, of the Acumatica core, can be used with fluent conditions. To append a condition to another one, just use **.And<Tunary>** or **.Or<Tunary>** nested classes of the first condition expression.

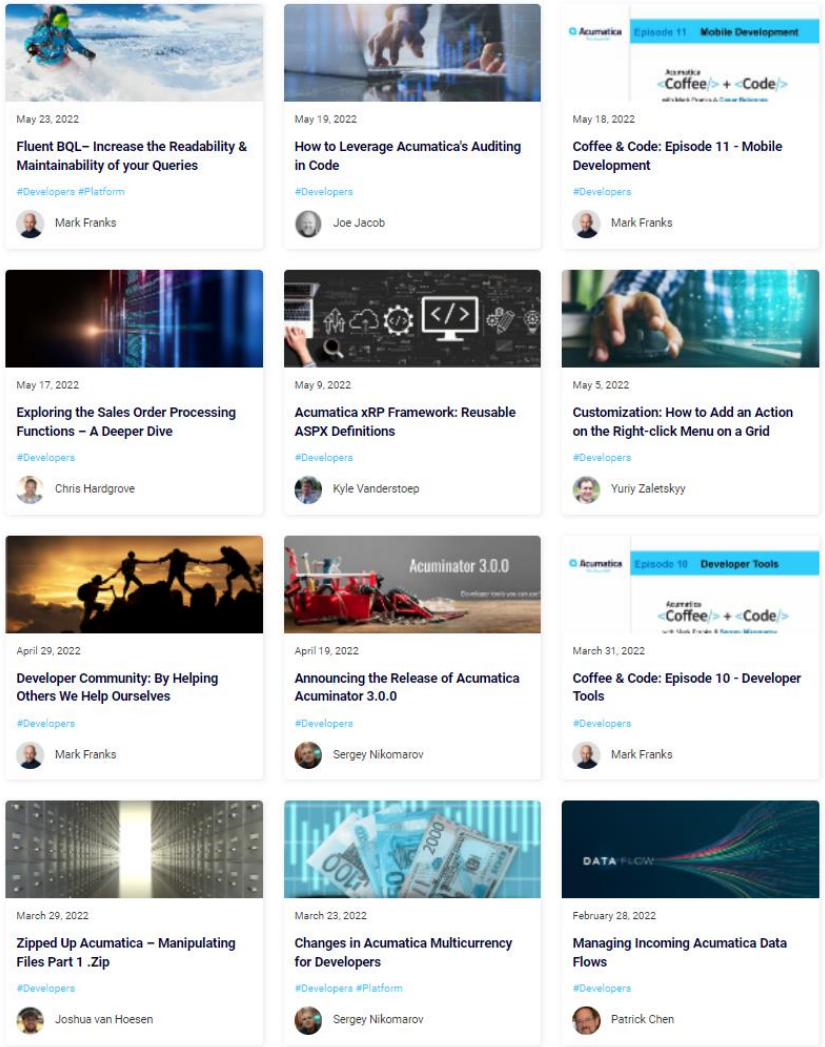
```
1  TCondition.And<TNextCondition>
2  TCondition.Or<TNextCondition>
3  // where TCondition : IBqlUnary
4  // where TNextCondition : IBqlUnary
5
6  var results =
7    SelectFrom<TableA>
8    .Where<TableA.fieldA.IsEqual<@P.AsString>>
9      .And<TableA.fieldB.IsEqual<@P.AsInt>>
10     .View.Select(graph, "fieldA", 1);
```

gistfile1.txt hosted with ❤ by GitHub view raw

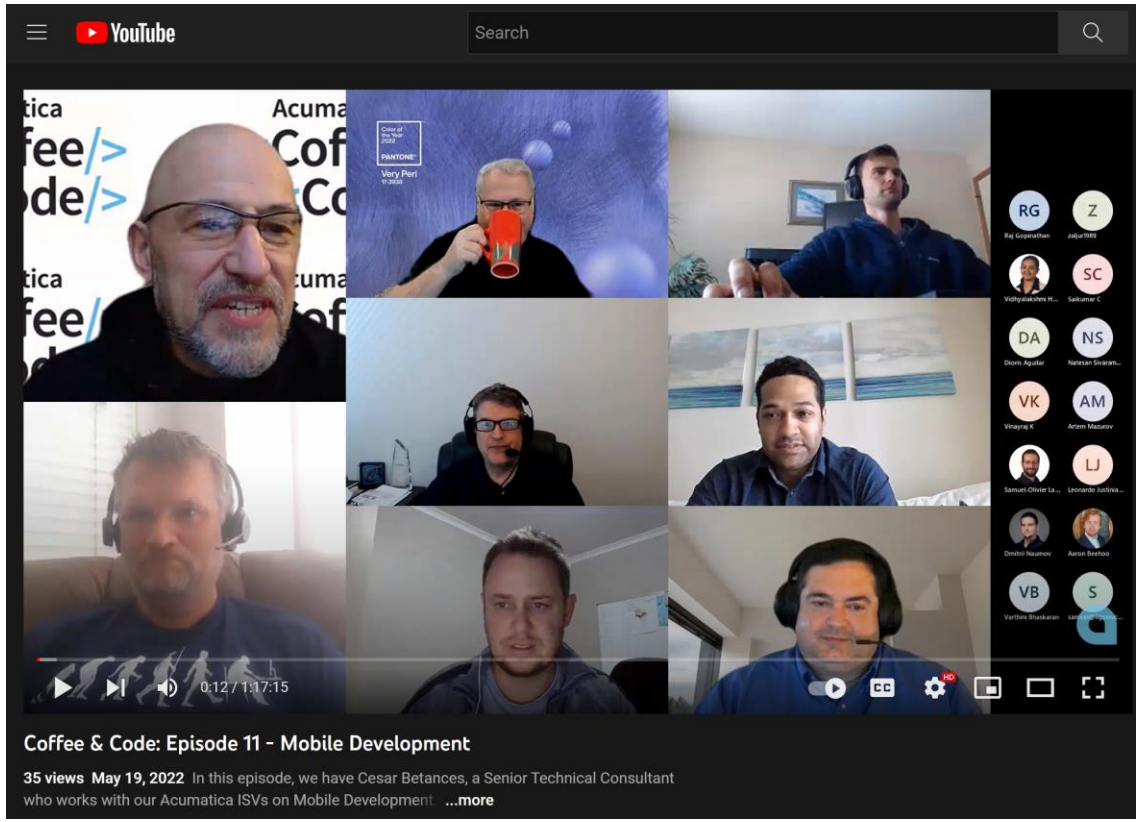
GIST: https://gist.github.com/lekker-solutions/731f0b2462c5927b97851f4bd1ea61ce



Archive by Category: Developers



Coffee & Code



Acumatica
<Coffee/> + <Code/>

A Series of Video Podcasts for Developers by Developers

Coffee & Code Episodes

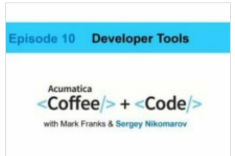
To view the recorded episodes, scroll-down and simply click on the "More Info" button for each episode to watch and view related content.

2022

May 18, 2022

Episode 11, Mobile Development

More Info

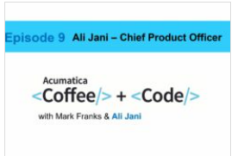


March 31, 2022

Episode 10, Developer Tools

More Info

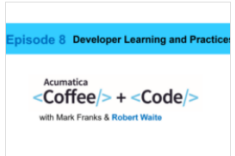
2021



December 28, 2021

Episode 9, Ali Jani - Chief Product Officer

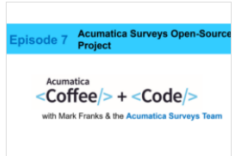
More Info



November 30, 2021

Episode 8, Developer Learning & Practices - Robert Waite

More Info



October 13, 2021

Episode 7, Acumatica Surveys Open-Source Project

More Info

August 30, 2021

Episode 6, Hackathon 2021 Winning Team

More Info

July 27, 2021

Episode 5, Developer Best Practices - Gabriel Michaud

More Info

June 3, 2021

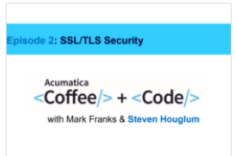
Episode 4, Acumatica Developer Challenges & Lessons Learned - Kyle Vanderstoep

More Info

May 3, 2021

Episode 3, Acumatica Technology Futures - Ajoy Krishnamoorthy

More Info



March 31 2021

Episode 2, SSL/TLS Security - Steven Houglum

More Info

March 2, 2021

Episode 1, Developer Processes - Sergey Marenich

More Info

Coffee & Code

Episodes (11)

1. Developer Engineering Processes
2. Security
3. Technology Futures
4. Developer Challenges & Lessons
5. Developer Best Practices
6. 2021 Hackathon Winning Team
7. Open-Source Projects
8. Developer Learning & Education
9. Executive Guest: Ali Jani
10. Developer Tools
11. Mobile Development

Future Episodes

- Workflow
- Low Code/No Code
- U/I
- VS Core
- Executive Guest: Mik Chtchelkonogov

Dev MVP Program

Benefits

- One complimentary pass to Acumatica Summit each year
- Recognition at the Acumatica Summit
- Participation in MVP developer events at the Acumatica Summit (Hackathon & Dev Track)
- Individual Developer & Partner organization may use the specially designed MVP Developer Badge on resumes, company website, etc.
- A button-down shirt or polo with an embroidered Acumatica Logo and distinguishing MVP Developer Badge
- MVP developer Acumatica Summit Attendee badge

Dev MVP Program

Requirements | Commitments

- 18 Answered Acumatica Dev Question PER Year on **Stackoverflow | Acumatica Community Site**
- Two **Guest Blog Post** each year
- Sample Code Contribution – **GitHub | Other**
- Attend Summit: **Hackathon, Developer Track, & MVP Developer Events**
- Extra Credit - **Present at Acumatica Dev Event & GitHub Dev Projects (Surveys)**

Acumatica
The Cloud ERP
14

Become a Developer MVP — Join us!

mfranks@acumatica.com

Product Technology Update

Intelligent ERP

Best-in-class Functionality

Industry Focused
Cross Module Workflows
Global Operations
Integrated Marketplace

Superior User Experience

Modern UI and Ease of Use
Faster Onboarding
Assistance On Demand
Always Current

Modern Technology

Future Proof Platform
Extensibility
Connected Cloud
Integrated Emerging Tech

Modern Technology

Future Proof

- Platform and UI Modernization
- Infrastructure Agnostic
- Data Accessibility

Extensibility

- XRP Platform Advancements
- Automated Customization Validation
- Business and Power Users
- Low Code, No Code

Connected Cloud

- Native Integrations Expansion
- ISV Solutions Licensing Automation and Marketplace Platform
- Marketplace Discovery and Provisioning

Integrated Emerging Technologies

- ML Enabled
- IoT Framework
- Container Automation

Call to Action for Developers – Come Join Us

Participate

Get a **StackOverflow** Account

Hackathon

source projects

& you may be awarded the next **Developer of the Year**!

Join Acumatica Communities for Developers

https://community.acumatica.com/

Acumatica
The Cloud ERP

Thank You!

www.acumatica.com/developers