

Acumatica

Virtual DevCon 2020

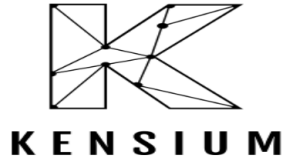
June 17 & 18



Kickoff & Welcome

Ajoy Krishnamoorthy
VP, Platform & Technology;

Our Sponsors



Future-proof platform

ACUMATICA CLOUD ERP

General Business Editions

Small Business • Advanced • Enterprise

Financials • Inventory Control • Order Mgmt • CRM • Project Accounting • Time & Expense

Industry Editions

Distribution • Commerce • Manufacturing • Construction • Field Service

Warehouse Mgmt • BigCommerce and Shopify Integration • MRP, Production Scheduling, Estimating • Project Mgmt, Industry Integrations • Field Service, Equipment, Route Mgmt

ACUMATICA CLOUD XRP PLATFORM

Document Management • Localization • User & Security Management • Multi-tenant • Mobile Framework • ORM • Workflow and APIs • Customization Framework • Cross-browser support • Analytics

DB



SQL Server



MySQL database

CLOUD



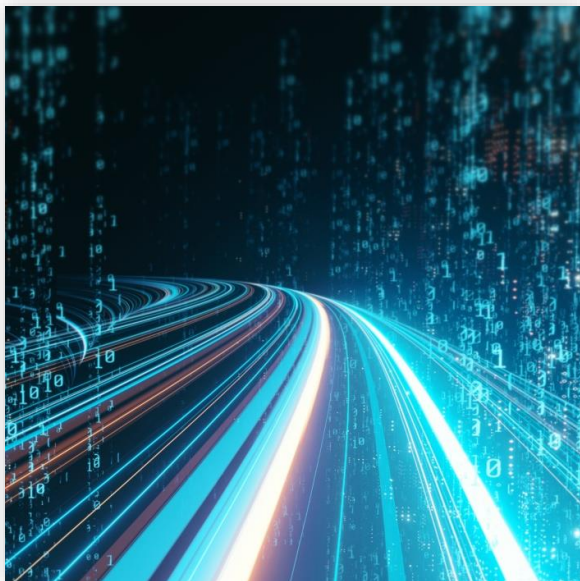
DEV



Visual Studio

.NET Framework
C# and ASP.NET





**Technology leadership
on a future-proof platform**



**Best in class business
and industry functionality**



**Ethical
business practices**

Acumatica differentiators

CONNECTED CROSS-MODULE WORKFLOWS

Developer Community Update

Community Contributions

Sharing the knowledge with Great Content & Support...

- Blogs & VLOGS
- Answering Questions on Stackoverflow
- Code Samples
- Presentations
- Webinars

Developer of the Year for 2020



Yuriy Zaletskyy

Solutions Architect,
Kensium Solutions

<https://www.kensiumsolutions.com/>



Category: Developers



April 12, 2020
VLOG: Acumatica Branch DAC Extensions - Not So Straight Forward?
Keith Buchanan
Editors Note: This is the 2020 version of vlog #2002 we are publishing from our Acumatica Community of Developer Webinars coming recently. The title...

READ MORE

Categories: Developers, Webinars



April 12, 2020
Acumatica Mobile Framework: Simple Customization to Display Codes in the Mobile App
Nikhil Banerjee
Introduction: Acumatica Mobile framework is an amazing way for to work with. You also need to know how to program for it or to make use by using the Customization Project...

READ MORE

Categories: Developers, Webinars



May 19, 2020
Using Modular Graph Extensions to Avoid "Mega" Graphs
Samuel Williams
One of the main challenges we face here at information integration Group (IG) in our development of Acumatica ERP customization packages, is the ongoing increase of our Graph-extensions size...

READ MORE

Categories: Developers, Webinars



May 21, 2020
VLOG: Analyzing SQL Queries Generated by Acumatica for MySQL
Vijay Chidambaram
Editors Note: This is our second of a number of vlogs being published by our Acumatica Community of Developer Webinars we are planning to publish in the coming months. The title...

READ MORE

Categories: Developers, Webinars



May 14, 2020
Register Now for Our 4th Annual Virtual Developer Conference
Keith Buchanan
The Acumatica Cloud ERP Summit is back for its 4th year of delivering top-notch developer content online. Attention of Devs, actual developer conference will receive great insights into Acumatica...

READ MORE

Categories: Developers, Webinars, Events



May 11, 2020
Vlog: Exploring the New Workflow Editor in Acumatica 2020R1
Keith Buchanan
Editors Note: We plan on having a number of vlogs being published by our Acumatica Community of Developer Webinars in the coming months. The title to have relatively short...

READ MORE

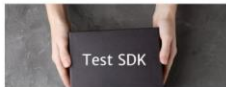
Categories: Developers



May 7, 2020
P2P Solution Certification Guidance
Tegany Marston
The Certification of P2P solutions is a process where technical, functional, documentation & other requirements are checked against treatment application standards. This process is meant to ensure the most Customer satisfaction...

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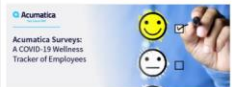
Categories: Developers, Webinars, Integration



April 28, 2020
Acumatica Test SDK: Getting More Inputs (Part II)
Patrick Chen
Introduction: One of the great and lesser known products that Acumatica ships alongside its product is the Test SDK. It is a programming framework that provides an easy way...

READ MORE

Categories: Developers, Webinars



April 21, 2020
Acumatica Surveys: A COVID-19 Wellness Tracker of Employees
Arlene
A robust, flexible development framework and a connected developer community were key to delivering our COVID-19 Wellness project in days - not months or years. Acumatica collaboration was the real key to our success...

READ MORE

Categories: Developers, Integration



March 10, 2020
Adding Custom DAC Objects to the Formula Builder
Rafael Alvarado
Introduction: The formula editor is a powerful tool in Acumatica it is very useful tool for building expressions on various reports, etc. It allows the users to use various operators...

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Categories: Developers

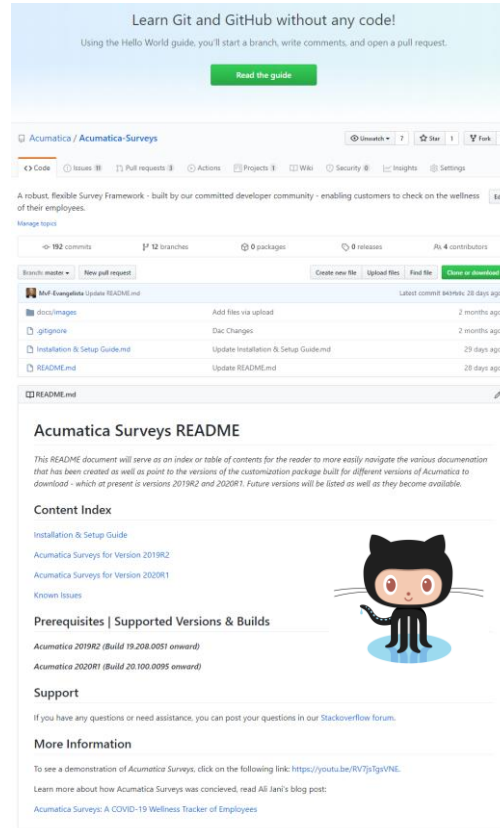
Community Contributions

Acumatica Surveys

- An open-source customization package built by our developer community:

<https://github.com/Acumatica/Acumatica-Surveys>

- Developers from different companies & organizations collaborated & contributed
- Phase 2 underway
- Power Storage Solutions
 - Keeping critical infrastructure running such as electrical grids & hospitals
 - COVID-19 Survey Wellness Package
 - Daily recurring surveys tracking wellness of employees during the pandemic



Learn Git and GitHub without any code!
Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

Acumatica / Acumatica-Surveys

A robust, flexible Survey Framework - built by our committed developer community - enabling customers to check on the wellness of their employees.

182 comments 12 branches 0 packages 0 releases 4 contributors

Multi-Environment Update README.md (Latest commit 64mins, 28 days ago)

docs/images Add files via upload (2 months ago)

gitignore Disc Changes (2 months ago)

Installation & Setup Guide.md Update Installation & Setup Guide.md (29 days ago)

README.md Update README.md (28 days ago)

Acumatica Surveys README

This README document will serve as an index or table of contents for the reader to more easily navigate the various documentation that has been created as well as point to the versions of the customization package built for different versions of Acumatica to download - which at present are versions 2019R2 and 2020R1. Future versions will be listed as well as they become available.

Content Index

- [Installation & Setup Guide](#)
- [Acumatica Surveys for Version 2019R2](#)
- [Acumatica Surveys for Version 2020R1](#)
- [Known Issues](#)

Prerequisites | Supported Versions & Builds

- [Acumatica 2019R2 \(Build 19.208.0051 onward\)](#)
- [Acumatica 2020R1 \(Build 20.100.0095 onward\)](#)

Support

If you have any questions or need assistance, you can post your questions in our [Stackoverflow forum](#).

More Information

To see a demonstration of Acumatica Surveys, click on the following link: <https://youtu.be/RV7j5tgvVNE>.

Learn more about how Acumatica Surveys was conceived, read Ali Jan's blog post: [Acumatica Surveys: A COVID-19 Wellness Tracker of Employees](#)



- Dhiren Chhapgar – Acumatica
- Harsha Sarjapur – InfoSourcing
- Robert Waite – APS Payments
- Yuiry Zaletskyy – Kensium
- Marco Villasenor – Interstar
- Chris Hardgrove – NexTec Group
- Murali Ramakrishnan – InfoSourcing
- Mark Franks – Acumatica

Developer MVPs

Casval Tinoco | Bluefin

Diane Cawley | Savant Software

Fernando Amadoz | SkyKnack

Gabriel Michaud | Velixo

Joshua van Hoesen | ASI LLC

Marco Villasenor | Interastar

Yuriy Zelatsky | Kensium Solutions

Sharif Ahammad | Kensium Solutions

Joe Jacob | Crestwood Associates

Samvel Petrosov | IIG, Inc.

Keith Richardson | Haun Welding Supply



Joseph J. Caruana | Computime Software

Jean-Claude Abela | Computime Software

Garhard van der Heever | Astraia Technology

Terry Sample | AIM Solutions

Robert Waite | APS Payments

Nicole Ronchetti | DSD Business Systems

Patrick Chen | SPS Commerce

Brian Stevens | SETECH Supply Chain Solutions

Chris Hargrove | NextTec Group

Stéphane Bélanger | Asgard Alliance Software

Coming Soon – Acumatica’s Virtual Developer Conference 2020

Come join us in our 4th Annual Virtual Dev-Con - a two half day virtual developer conference that provides our developer community with the deep knowledge they need to fully utilize Acumatica's cloud XRP platform.

[REGISTER TODAY!](#)

[RESOURCES & EVENTS](#) [COMMUNITY](#) [CLOUD XRP PLATFORM](#)

QUICK LINKS

- For New Developers
- Training
- Acumatica Virtual DevCons
- Resources
- Webinars
- Partner Success Stories
- Developer Blog
- Videos

Take advantage of our rich library of resources and insightful events we offer developers

Events for your every need

IN-PERSON EVENTS **VIRTUAL EVENTS**

Acumatica Summit 2021
January 24 - January 29, 2021
Wynn Las Vegas
Las Vegas, NV

Before you know it, Summit 2021 will be here. Whether we hold in Vegas as we announced at last year's Summit or virtually hasn't been decided as of yet due to concerns about COVID-19 and social distancing. This will be the 3rd Summit where we host our Developer Track and we'll be sure to provide our developer community great content and speakers from Acumatica and our Partner developers. We'll also be hosting a Hackathon as well in person or virtually. So stay tuned by visiting the Summit 2021 site today to get the latest news on our plans for 2021 and to register for the event when available.

[LEARN MORE NOW](#)

Acumatica Summit 2021

Before you know it, Summit 2021 will be here. Whether we hold in Vegas as we announced at last year's Summit or virtually hasn't been decided as of yet due to concerns about COVID-19 and social distancing. This will be the 3rd Summit where we host our Developer Track and we'll be sure to provide our developer community great content and speakers from Acumatica and our Partner developers. We'll also be hosting a Hackathon as well in person or virtually. So stay tuned by visiting the Summit 2021 site today to get the latest news on our plans for 2021 and to register for the event when available.

[LEARN MORE NOW](#)

[Hackathon 2021 >>](#)

Developer Content Spotlight

Acuminator 2.2

Tools you can use

Configuring and Migrating Acumatica Data to MySQL

Announcing Acumatica Acuminator 2.2

We are happy to announce a new version of Acuminator - our static code analysis and codebase add-in tool for Visual Studio - is now available for download. Acuminator simplifies development using the Acumatica framework and can colorize and format SQL statements, and can collapse attributes and parts of HQ queries.

[LEARN ABOUT THE LATEST FEATURES](#)

Configuring and Migrating Acumatica Data to MySQL

Whether you are looking to create a new Acumatica instance on MySQL, or whether you have a running Acumatica instance with MySQL, that you are looking to transition to MySQL. Fernando Amadio, one of our Developer MVPs sheds some light on this process, providing some great tips for developers and consultants alike.

[WATCH 26:20 POST](#)

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 2020

Yuriy Zaltsky
Solutions Architect, Kensium Solutions

Why did we pick this person?

Beginning in 2019, Yuriy has been actively developing applications using the Acumatica xRP framework, developing solutions for many clients over the past year. We chose Yuriy as our Developer of the Year for his dedication to building great ERP programs for his clients. He is also a frequent speaker at developer conferences, always looking to help other developers. He has been instrumental in helping our customers understand the Acumatica xRP platform and how to best utilize it. He has also been instrumental in helping our customers understand the Acumatica xRP platform and how to best utilize it.

What contributions did he make to the community?

In addition to his many contributions - creating repositories, specifically this past year, he has also been instrumental in helping our customers understand the Acumatica xRP framework. He has also been instrumental in helping our customers understand the Acumatica xRP framework and how to best utilize it.

Developer MVPs

Keith Richardson
New Mexico, US
[VIEW PROFILE](#)

Shafiq Akhmed
Houston, Delivery Lead
[VIEW PROFILE](#)

Diane Cawley
United States, C# Lead
[VIEW PROFILE](#)

Joe Jacob
United States, C# Lead
[VIEW PROFILE](#)

Julius van Hoozen
US Lead Software Engineer
[VIEW PROFILE](#)

Onboarding New Acumatica Developers

Getting Developers up to speed on a new platform can be hastened with the right resources and a clear roadmap for success. We offer a simple roadmap for new Acumatica Developers, guiding them along the way to successfully build great solutions for their clients and customers.

We just recently published a [Quick Start Guide for Developers](#) which provides a clear step-by-step instructions in getting an Acumatica Developer environment up quickly and running so they can start their development efforts, seamlessly.

This new guide is really the first step any new developer should take to get started. Below is an outline of all our developer focused content the new developer and our in-house developer should know about.

- 1. Install a Developer Instance of Acumatica**
- 2. Developer Training Paths**
- 3. Documentation Resources**
- 4. Getting Assistance**
- 5. Attend Developer Events**
- 6. Developer Blog**
- 7. Other Resources**

1. Install a Developer Instance of Acumatica

The first step should be installing a developer environment and going through the 7-part 4 hour on-boarding course. As discussed in the [Quick Start Guide for Developers](#), whether the application solution that interests you is already implemented, you should first deploy a developer instance of Acumatica. For this purpose, your development environment will require Microsoft SQL, preferably installed locally, or an on-premise or cloud-based Microsoft SQL Server. Additionally, you will require a database server - a version of Microsoft SQL Server or MySQL Server, when you have administrative rights. Please refer to [this link](#) for installing Microsoft SQL and the installation guide for details. It is important to follow the Quick Start guide which describes the process for developers, as the Installation Guide is rather generic and geared more toward IAs.

Even though you may not have access to the Acumatica Portal, you can still install a fully functional instance of Acumatica by going through the 7-part on-boarding training. The on-boarding course also allows our partner as customers to go through some training to learn more about the platform as well as their developers to help with the due-diligence process by training as much as possible about our developer platform and the ERP framework. Beginning with the [101 Series](#) (see introduction to the Acumatica Framework), following through with the other training, and providing the many resources we provide developers. This is also our current approach in working forward with partnering with Acumatica.

Once a new developer gets their feet wet by completing the 7-part course, they will understand the key components of the Acumatica platform and what is used for typical back-end application development. They will have been introduced to Acumatica's architecture.

acumatica.com/developers

Home / [Developer Resources](#) [CONTACT](#) [LOGIN](#)

Acumatica The Cloud ERP [PRODUCTS](#) [INDUSTRIES](#) [CUSTOMER STORES](#) [MARKETPLACE](#) [SUPPORT](#) [MORE](#) [SCHEDULE DEMO](#) [WATCH VIDEO](#)

Developer Resources

Developer Guides

Our complete list of reference guides for developers:

- Customization Guide
- Mobile Framework Guide
- Plugin Development Guide
- Integration Development Guide
- Framework Development Guide

Developer Training

Access to our developer training through Acumatica University hosted on our Partner Portal. For more information click here.

[Visit Acumatica Open University](#)

[LEARN MORE](#)

Developer Certification

ISIs or IASs who want to develop new modules, change business logic, create reports, build integrations, and customize Acumatica using the Acumatica Cloud XRP Platform and the Acumatica customization tools. Experience with C#/.NET/Visual Studio/SQL Server is required. On average, this badge takes 64 hours to complete. For more information click here.

[LEARN MORE](#)

Developer Support

Get support by contacting us directly, through our Knowledge-Base, and via forums. For more information click here.

[LEARN MORE](#)

Hear What Our Developers are Saying

Velixo **nonprofit+** **KENSIUM** **SkyTrack** **Interstar**

“Of what I like in Acumatica is stability. I have experience of dealing with other ERP, and each new version of ERP meant throwing away 30 - 100% of code base. And 30% is something that I've considered to be a lucky person. While I can't say that upgrade with Acumatica is pain free, but on average I can easily preserve 80% of code. And in minor upgrades this number can be up to 97%. Another one is backward compatibility. Sometime people stuck in their old versions for some reason, and still it is easy to give them meaningful help as well.”

Yuriy Zaltsky
Solutions Architect, Kensium Solutions

[PARTNER SUCCESS STORIES](#)

Conference Schedule

- Ten Minute Breaks every hour
- Please Tweet using hashtag: [#CloudxRPSummit](https://twitter.com/CloudxRPSummit)
- All Sessions are being recorded

JUN
17 Wednesday

9:00 am
9:10 am



Ajoy Krishnamoorthy
Kick-off & Welcome



9:10 am
10:10 am



Dhiren Chhapgar
xRP Framework Fundamentals & Best Practices



10:20 am
11:20 am



Dmitry Naumov
Taking Advantage of our Testing Framework & Tools to build Quality Applications



11:30 am
12:00 pm



Cesar Betances
Acumatica Mobile Framework



12:00 pm
12:30 pm



Marco Villasenor
Push Notifications & Webhooks: Synchronizing changes between Acumatica Instances



12:40 pm
1:40 pm



Sergey Nikomarov & Evgeny Afanasiev
Acuminator & Other Important Developer Tools



1:50 pm
2:30 pm



Stan Lesin
Acumatica's New Workflow Engine Functionality in 2020R2



JUN
18 Thursday

9:00 am
10:00 am



Samuel-Oliver Lavigueur
Web Services - Contract-Based REST Overview



10:10 am
10:40 am



Patrick Chen
Taking Advantage of the Testing SDK



10:40 am
11:10 am



Acumatica Surveys Team Panel
Acumatica Surveys Community Development Project



11:20 am
12:20 pm



Sergey Marenich
3rd-Party Systems Integration Framework



12:30 pm
1:30 pm



Mike Chtselkonogov
Developer Roadmap





<https://Acumatica.com/developers>