



Six Secrets to Go From Rock *Zero* to *Superhero*



Me



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IT Manager
The Crossing (**St. Louis!**)
@jimmichael



Why We're Here

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You

You

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our org.



Secret #1

Make monitoring **Rocket.Chat** part of your job description (really.)

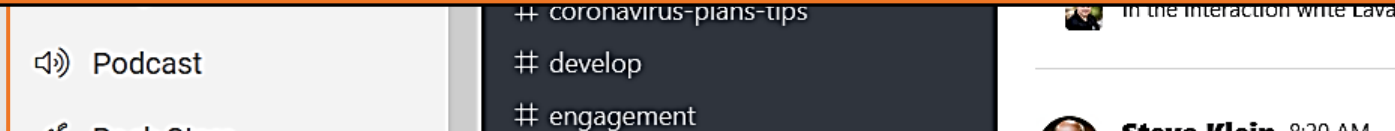
*“Involvement in Church IT Network and **RockRMS communities** as a source of support, knowledge, and developing/maintaining professional relationships, but also giving back to these communities by sharing advice, knowledge, procedures, code, etc. to further Kingdom impact.”*



Secret #1 – Rocket.Chat

- Quickest option is on the Community site

If you “don’t have time” to at least check in on Chat on an almost daily basis, you’re Doing It Wrong.



Secret #2

Monitor the #github



github 3:15 PM

SparkDevNetwork/Rock **shivambareria** **Label**
Group History does not respect group secu
Type: Bug, Status: Confirmed, Fixed in v13.7



github 1:36 PM

SparkDevNetwork/Rock **br**
Group Member Add Wor
Members with the Same

Prerequisites



github 7:38 PM



MikeDPeterson Pushed to **SparkDevNetwork/Rock :develop**
3d2c5cf - Merge branch 'hotfix-1.13.7' into develop

Conflicts:

Rock.Rest/Controllers/PeopleController.Partial.cs

ec659ac - - Updated PDFGenerator to check for incomplete
install and re-install if needed.

5ff4b87 - - Added BlockUserPreference endpoints that accepts a
block Guid instead of an Id.

ad92403 - - Updated Group Member Service to revert back the
logic related IsArchived that was recently added.

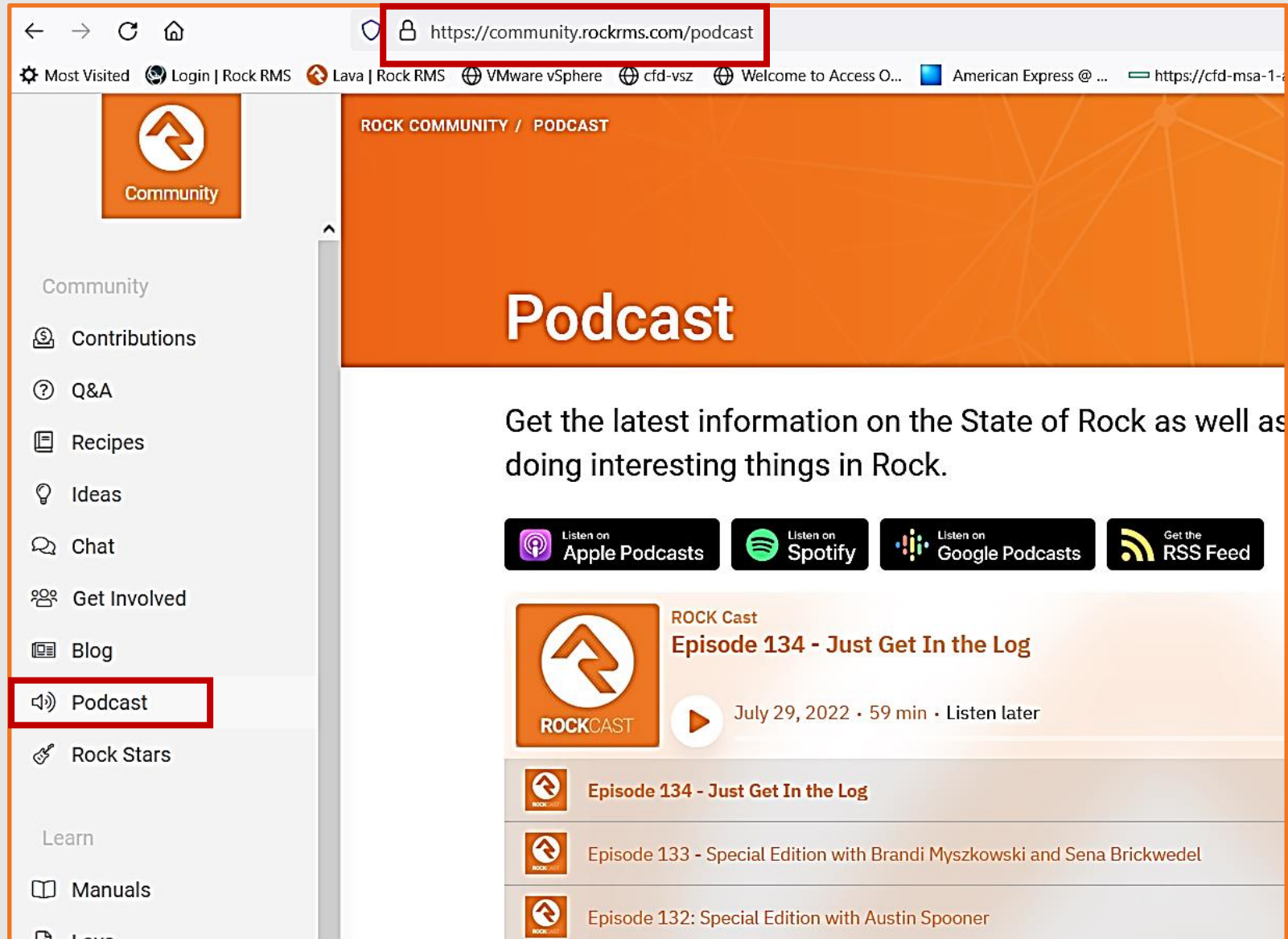
e8491ae - + (Event) Updated Registration Entry to pass the
Registration Registrant as the entity to the Workflow of type
Registrant. (Fixes #5042)

db11695 - - (Group) Updated Group Member Historical Service
with minor improvements.

131f54d - + (Group) Fixed Meeting Detail section from
disappearing in group detail block. (Fixes #5061)



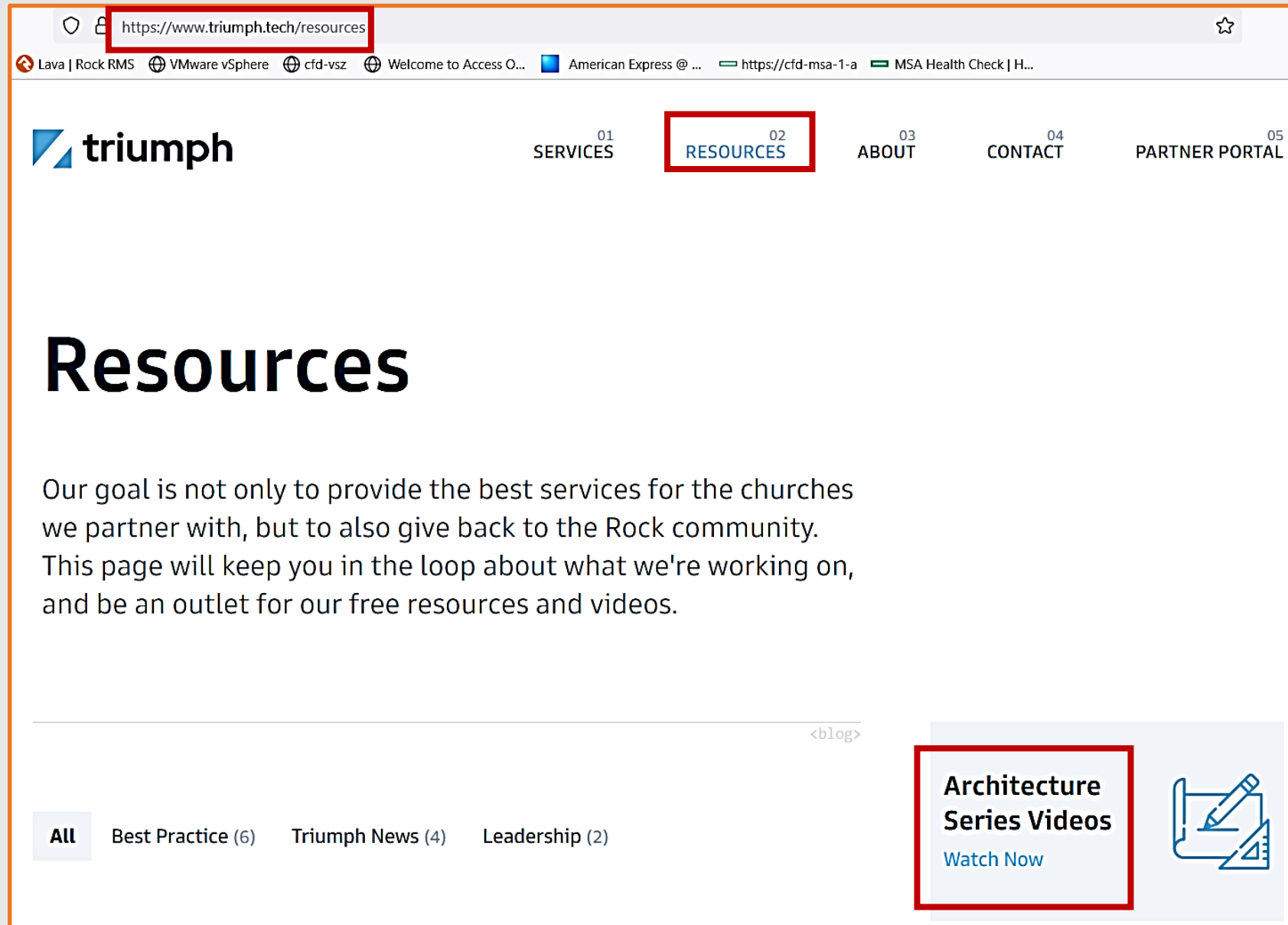
Secret #3 Listen to the Podcast



The screenshot shows a web browser at the URL <https://community.rockrms.com/podcast>. The page features a left-hand navigation menu with the following items: Community, Contributions, Q&A, Recipes, Ideas, Chat, Get Involved, Blog, Podcast (highlighted with a red box), Rock Stars, Learn, Manuals, and Lava. The main content area has an orange header with the text "ROCK COMMUNITY / PODCAST" and a large "Podcast" title. Below the title is a description: "Get the latest information on the State of Rock as well as doing interesting things in Rock." This is followed by four buttons: "Listen on Apple Podcasts", "Listen on Spotify", "Listen on Google Podcasts", and "Get the RSS Feed". The first episode is featured with a large orange square containing the Rock logo and the text "ROCKCAST". The episode title is "Episode 134 - Just Get In the Log", dated "July 29, 2022", with a duration of "59 min" and a "Listen later" button. Below this, a list of previous episodes is shown, including "Episode 133 - Special Edition with Brandi Myszkowski and Sena Brickwedel" and "Episode 132: Special Edition with Austin Spooner".



Secret #4 Watch the Architecture Series Videos



The screenshot shows a web browser at the URL <https://www.triumph.tech/resources>. The browser's address bar and the 'RESOURCES' link in the navigation menu are highlighted with red boxes. The navigation menu includes links for SERVICES, RESOURCES, ABOUT, CONTACT, and PARTNER PORTAL, each with a small number above it (01, 02, 03, 04, 05 respectively). The main heading is 'Resources'. Below it, a paragraph states: 'Our goal is not only to provide the best services for the churches we partner with, but to also give back to the Rock community. This page will keep you in the loop about what we're working on, and be an outlet for our free resources and videos.' At the bottom, there is a filter bar with 'All', 'Best Practice (6)', 'Triumph News (4)', and 'Leadership (2)'. A red box highlights a button labeled 'Architecture Series Videos' with a 'Watch Now' link below it. To the right of this button is an icon of a document with a pencil and a ruler. In the bottom right corner of the slide, there is a large orange circular logo with a white stylized 'A' and a curved arrow.

<https://www.triumph.tech/resources>

Lava | Rock RMS | VMware vSphere | cfd-vs2 | Welcome to Access O... | American Express @ ... | <https://cfd-msa-1-a> | MSA Health Check | H...

triumph

SERVICES⁰¹ **RESOURCES⁰²** ABOUT⁰³ CONTACT⁰⁴ PARTNER PORTAL⁰⁵

Resources













Our goal is not only to provide the best services for the churches we partner with, but to also give back to the Rock community. This page will keep you in the loop about what we're working on, and be an outlet for our free resources and videos.

<blog>

All Best Practice (6) Triumph News (4) Leadership (2)

Architecture Series Videos
[Watch Now](#)

Secret #4 Watch the Architecture Series Videos

 <p>Dashboard Design Part 1</p>	 <p>Project Estimates Three Point Estimates</p>	 <p>Triumphant Problem Solving Grabbing Success from the Jaws of the Toughest Problems</p>	 <p>Giving Unit Analytics Advanced SQL Sessions</p>
<p>Dashboard Design - Part 1</p> <p>Dashboards tell a story with the data they display. This first video describes a few key concepts of the dashboards that Triumph creates.</p>	<p>Three Point Estimates</p> <p>Use this powerful tool to help guide timelines and project budgets with greater accuracy.</p>	<p>Triumphant Problem Solving</p> <p>Full of helpful tricks and tips, this video is a can't miss toolkit for the next big technical problem you face.</p>	<p>Giving Unit Analytics</p> <p>Use the new analytics table to dramatically improve the speed of your giving queries.</p>
 <p>Grouping Sets Advanced SQL Sessions</p>	 <p>Pivot Pattern Advanced SQL Sessions</p>	 <p>Window Functions Advanced SQL Sessions</p>	 <p>Intro to HTML Email Communications Series</p>
<p>Grouping Sets</p> <p>Learn how to use Grouping Sets to make your SQL more performant and powerful.</p>	<p>Pivot Pattern</p> <p>Learn how to write faster and more efficient SQL with the Pivot Pattern.</p>	<p>SQL Window Functions</p> <p>Learn how to bring SQL Window Functions to help simplify challenging queries.</p>	<p>Intro to HTML Email</p> <p>Learn two successful strategies for working with HTML Email, and specific tips to help you succeed with Rock.</p>
 <p>Entity Commands v2 Better than they were before. Better...stronger...faster.</p>	 <p>Semantic Markup UI Series</p>	 <p>Proper Workflow Form Architecture Series</p>	 <p>Date Keys Architecture Series</p>



Secret #4 Watch the Architecture Series Videos

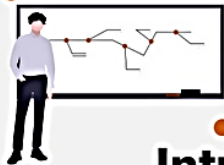
Architecture

In this series you'll get a deep understanding of how Rock is built. And you'll learn how to maximize Rock to design high performance experiences for your organization.

New Home for Architecture Videos

The Architecture Video series has moved to the [content creators new website](https://community.rockrms.com/rocku/architecture). Please be sure to visit the new site for the latest releases. Videos are also available on the creators Youtube channel.

<https://community.rockrms.com/rocku/architecture>



Introduction

Why Technical Architecture Matters

Introduction

11m



Performance

Understanding the Components of Speed

Performance

15m



Interactions

Data Model Deep Dive

Interactions

27m



Secret #5

TEST Updates before you click the button

- You can't treat Rock like an iPhone.
- Requires "Sandbox" instance.

On-Premise Hosting a Test Environment Using Production Data

Intermediate

IT

Database Admin

SOLANA B

I will share with you how Central hosts a Rock test environment using a copy of our production database. We will look at the hosting environment and the scripts used to copy the web and database pieces to create a "RockTest" instance.

Slides

Takeaway



Derek Mangrum

Central Christian Church of Arizona



Secret #5

TEST Updates before you click the button

- You can't treat Rock like an iPhone.
- Requires "Sandbox" instance.
- During upgrade, ***monitor server and only proceed when utilization is back to normal.***
 - ✓ Task manager on IIS CPU utilization
 - ✓ SQL utilization



Secret #6

Configure Jobs to Alert You

- You have to know what normal looks like.
- Let Rock **tell you** when something has gone wrong.
- You should wake up each day with a few routine emails that let you take Rock's "pulse."




Secret #6 Configure Jobs to Alert You

Rock Job Notification [Warning]: Rock Cleanup



Rock <rock@wcrossing.org>

To ✓ Jim Michael

 Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

0 Family Salutations (3,338ms)

0 Anonymous Giver Logins (134ms)

0 Temporary Registrations (70ms)

19 Workflow Logs (108ms)

135 Workflows (5,578ms)

unused attribute value

2 Transient Communications (414ms)

0 Financial Transactions (174ms)

33 Person Tokens (66ms)

0 Job Histories (1,229ms)

0 Group Memberships (999ms)

22 Attendance Label Data (85ms)

0 Locations (141ms)

0 Attribute Values (6,757ms)

0 Merge Streak Data (103ms)

0 Refresh Streak Data (1ms)

0 Validate Schedules (1,386ms)

0 Set Nameless SMS Responses (30ms)

0 Merge Nameless To People (164ms)

Some jobs have errors. See exception log for details.

res in this message.

tures in this message.



Secret #6 Configure Jobs to Alert You

Scheduled Job Detail

Home > System Settings > Jobs Administration > Scheduled Job Detail

⌚ Edit Service Job

Notification Status

All

All

Success

Error

None

All

Notification Emails ⓘ
itm@wcrossing.org

Job Type •
Get Scheduled Payments



Secret #6

What Jobs Are Good Candidates?

- Send Communications (Error)
- Communication Queue Alert
- Download Payments (All)
- Rock Cleanup (All)
- DB Maintenance (All)
- Renew Certificates (Error)
- Family Analytics (All)
- Data Automation (All)



Secret #6 Configure Jobs to Alert You

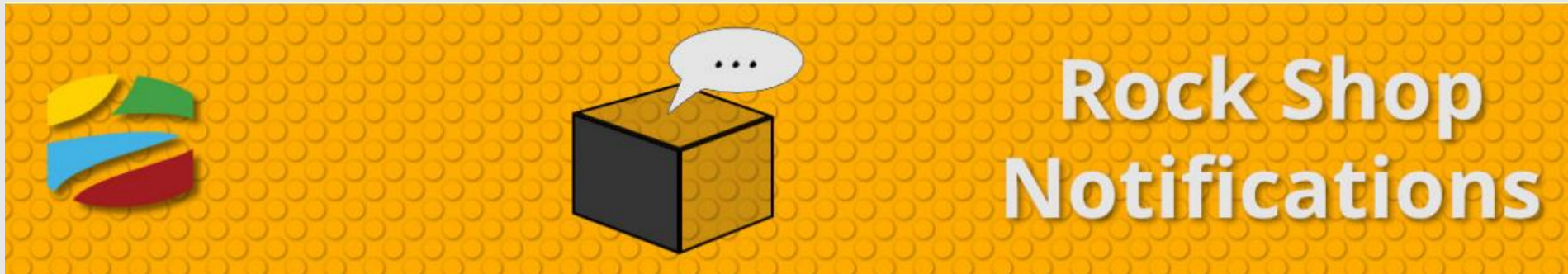
🕒 Jobs List											
Name	Last Successful Run	Last Run Date	Last Run Duration	Last Status	Last Status Message	System	Active	History	Run Nov	Notify On	Alert Email
Job Pulse	8/7/2022 5:04 PM	8/7/2022 5:04 PM	1s	Success		✓	✓			Error	
Update Persisted DataViews	8/7/2022 5:04 PM	8/7/2022 5:04 PM	0s	Success	Updated 0 dataviews		✓	🔄	▶	Error	itm@wcrossing.org
Group Sync	8/7/2022 5:00 PM	8/7/2022 5:00 PM	2s	Success	22 groups were synced and 0 groups were changed		✓	🔄	▶	Error	itm@wcrossing.org
Process Workflows	8/7/2022 5:00 PM	8/7/2022 5:00 PM	1s	Success	7 workflows processed		✓	🔄	▶	Error	itm@wcrossing.org
Send Communications	8/7/2022 5:00 PM	8/7/2022 5:00 PM	1s	Success	No communications to send		✓	🔄	▶	Error	itm@wcrossing.org

Configure new columns to show Notification status and address (TAKEAWAY.)



Bonus Secrets!

- Consider having bounced emails sent to you or another admin.
- Visit <https://community.rockrms.com/recipes> regularly.



THANK YOU!

