



**EDDIE HOLEMAN**

Executive Director of Ministry Services



**FELLOWSHIP**  
GREENVILLE



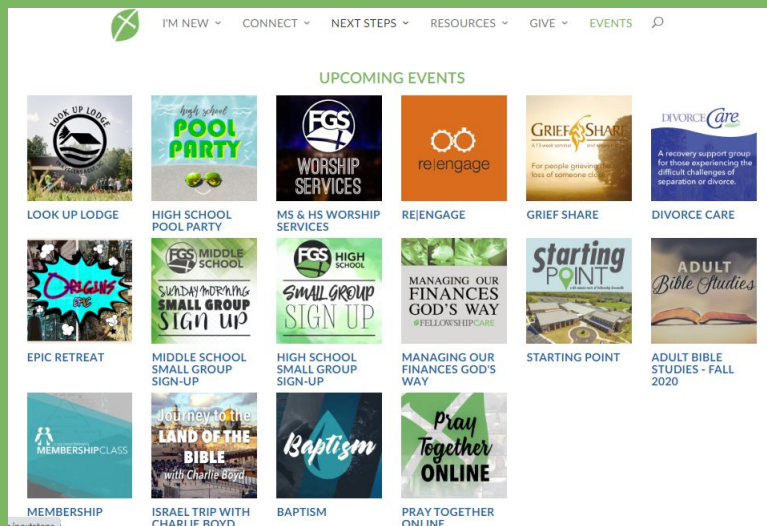
I am Eddie Holeman, Executive Director of Ministry Services at Fellowship Greenville in Greenville, South Carolina. We launched Rock at Fellowship Greenville in 2017. I have had the privilege of attending every Rock Conference to date. I am so glad to have the opportunity to share with you today some of what we have been working on in Rock here at Fellowship Greenville.

## Room Management → Projects

Using the power of Rock Workflows to automate the creation of projects and sub-projects to effectively manage a new event.



Today, I want to talk about the system we developed at Fellowship Greenville to connect reservation resources in Rock Room Management to Projects and sub-Projects in Rock Project Management. We used the power of Rock Workflows to automate this creation of projects and sub-projects to effectively manage a new event.



## Room Management → Projects



Even during a pandemic, there are lots of events being planned. These events have a limited number of event organizers and service providers handling all of the planning and implementation details.

## The Challenge:

**Ministry staff struggled to effectively manage multiple ministry events including coordination with operational staff who were handling most of the preparation for these events.**



Here is the Challenge: Our ministry staff struggled to effectively manage multiple upcoming ministry events including coordination with operational staff who were handling most of the preparations for these events.

## Libby's Monday Morning Study

[Home](#) > [Room Management](#) > [Libby's Monday Morning Study](#)

### Libby's Monday Morning Study

Unapproved

Name	Reservation Type	Locations
Libby's Monday Morning Study	Weekly/Biweekly Services, Studies, & Classes	
Schedule	Setup Time	Cleanup Time
9/21/2020 6:00 AM	30 min	30 min
9/28/2020 6:00 AM		
10/5/2020 6:00 AM		
10/12/2020 6:00 AM		
10/19/2020 6:00 AM		
10/26/2020 6:00 AM		
11/2/2020 6:00 AM		
11/9/2020 6:00 AM		
for 1 hr		
Campus	Ministry	
Main Campus	Women's Studies	
Number Attending	Setup Photo	
40		
Event Contact	Administrative Contact	
Sharon Thomas	Katie Malone	

## The Challenge



Here are the details of a Rock Room Management reservation entitled “Libby’s Monday Morning Study”. Libby is a 93 year old Bible teacher who has been leading Bible studies at Fellowship Greenville for like 125 years. We use Rock Room Management to reserve not only Room 232 for her class this Fall, but also to request Communications, Facilities, Checkin, and Website Promotion & Registration services. With the integration of Rock Room Management with our HVAC system, on each of the scheduled dates, the heat or air conditioning will be automatically set, but what about the services which a staff member must prepare for prior to the event? We aren’t talking about Libby’s preparation to teach, but the details of creating a website promotion and registration so that potential attendees can learn of this study and register themselves to attend. We are talking about the setting up of the Rock check-in system so that it is ready for the ladies to check-in each Monday morning. Rock Room Management is not a project management system so there was no effective way to help service providers manage this event’s needs along with dozens of other events which they are setting up. And the features of Room Management don’t lend themselves to the event organizer knowing the status of all the service preparation.

## Website Promotions & Registrations

### Promotion Start Date

8/3/2020

### Promotion End Date

9/21/2020

### Event Description

Thicketty Mountain: Where Life Confronts Faith An 8-week Bible Study of Hebrews 11 Thickets for the believer can conceal danger and temptation, Satan tries to use the thickets to trap us. But it's in the thickets that we can find hidden treasure seen only through the eyes of faith. In Hebrews 11 we'll find many examples of people who trusted God on 'the evidence of things not seen' throughout the chapter. May your faith be strengthened, your heart emboldened, and your walk with Christ enriched as we study God's Word together. \*\*\*This study will be onsite in a larger room to ensure space for respectful distancing. Masks will be optional.

### Registration Start Date

8/3/2020

### Registration End Date

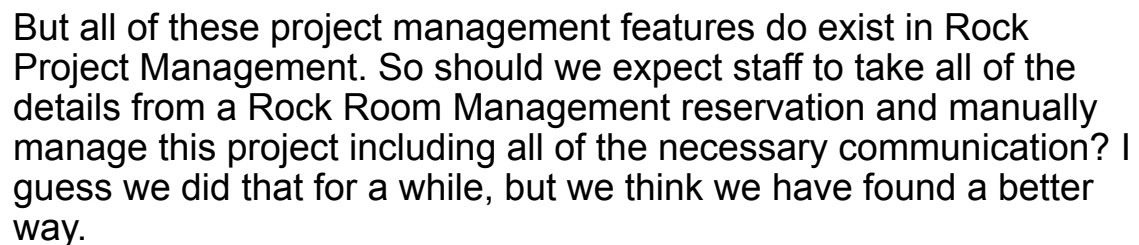
9/21/2020

# The Challenge



The staff member who will create the website promotions and registration for Libby's event can go into Rock Room Management to get the information provided, but there are always changes along the way and the event organizer of Libby's Monday Bible study needs be able to communicate changes along the way and also to know that this promotion and registration is ready. Features like this don't exist in a room management tool.

## The Challenge



## The Goal:

**To provide project management and communication tools which integrate well within our normal working environment along with our event approval system (Rock Workflows) and event processing system (Rock Room Management) to meet this challenge.**



Now that we have defined the challenge, let's talk about our goal in meeting this challenge. The goal is to provide project management and communication tools which integrate well within our normal staff working environment. These tools need to fit into our current process of Rock Workflows which make up our event approval system along with fitting well with our event processing system which is the Rock Room Management plugin.



## Ministry Approval - Events - NEW

[Home](#) > [Workflows](#) > [Ministry Approval - Events - NEW](#)

Request Entry

### Event Request Details

Requester \*

Eddie Holeman

Event Name \*

Request Description

Event Date \*

Fiscal Year \*

The Goal

At Fellowship Greenville, we developed a workflow system for our staff to submit requests for upcoming events. Once a request is approved by leadership, the requester is notified via email of the next step, that is entering their approved event into Rock Room Management. We use Room Management not just for the scheduling of rooms, but for requesting the resources needed to accomplish the event, whether that is web promotions or registrations, signage, or lots of other details.

## The Solution:

Use the power of Rock Workflows to integrate Rock Room Management with Rock Project Management.



**Let's talk through the details of our Solution:** We are taking advantage of the power of Rock Workflows to automatically take the resource details from an approved reservation and create a project and sub-projects from that information.

Room Management to Event Parent Project	7/29/2020 2:08 AM	7/29/2020 2:08 AM	3s	Success	Workflow Launch Results: Success: 1 Failed: 0
Room Management to Event Sub-Project: AV/Tech	7/29/2020 4:08 AM	7/29/2020 4:08 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: Comms	7/29/2020 3:41 AM	7/29/2020 3:41 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: Event Childcare	7/29/2020 3:58 AM	7/29/2020 3:58 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: Event Support	7/29/2020 3:51 AM	7/29/2020 3:51 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: Facilities	7/29/2020 4:15 AM	7/29/2020 4:15 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: IT	7/29/2020 4:22 AM	7/29/2020 4:22 AM	0s	Success	Workflow Launch Results: Success: 0 Failed: 0
Room Management to Event Sub-Project: Promos/Reg	7/29/2020 3:44 AM	7/29/2020 3:44 AM	1s	Success	Workflow Launch Results: Success: 1 Failed: 0



A series of system jobs run each night to collect details from any reservations which were approved during the previous day.

Name \*

Room Management to Event Parent Project

Active

☒ Yes

Description

Notification Status

All

Cron Expression

0 8 2 1/1 \* ? \*

Notification Emails

Cron Description

At 02:08 AM

Job Type \*

org.secc.jobs.WorkflowLauncher

Last Status Message

Workflow Launch Results:

Success: 1

Failed: 0

Source

SQL Query

```

1 SELECT
2   HHH(ccRRR.ReservationId) AS ReservationId
3   ,HHH(ccRRR.[Name]) AS EventName
4   ,HHH(p.Firstname) AS AdminContactFirstName
5   ,HHH(p.Lastname) AS AdminContactLastName
6   ,HHH(ccRR.[AdministrativeContactEmail]) AS AdminContactEmail
7   ,HHH(ccRR.CalendarContent) AS CalContent
8   ,HHH(ccRR.SetupMethod) AS SetupMethod
9   ,HHH(ccRR.Meta) AS ReservationMeta
10
11 FROM com_centralaz_RoomManagement_ReservationResource ccRRR
12 LEFT JOIN com_centralaz_RoomManagement_Reservation cRRR ON cRRR.ReservationId = ccRRR.Id
13 LEFT JOIN com_centralaz_RoomManagement_Resource cRR ON cRRR.ResourceId = cRR.Id
14 LEFT JOIN PersonalData pd ON cRRR.AdministrativeContactPersonId = pd.Id

```

Command Timeout

3600

Data View

Target

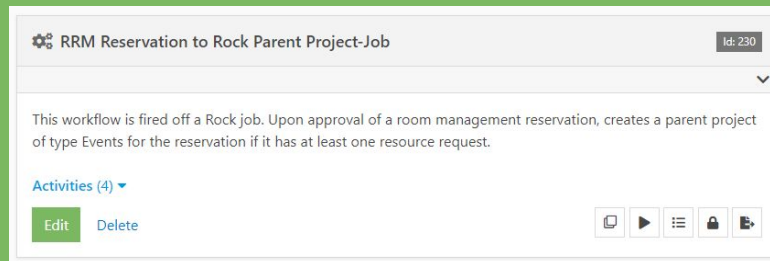
Workflow

RRM Reservation to ...

Save

Cancel

These jobs use the WorkflowLauncher job type to run a SQL Query resulting in a detailed listing of approved reservations. For each reservation in this query, the appropriate Workflow is launched.

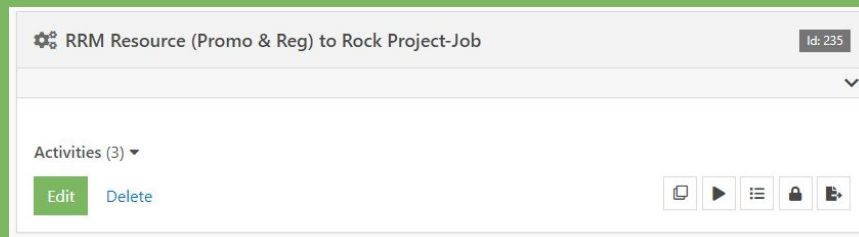


**The first workflow launcher job runs this workflow for each approved reservation which is returned from the SQL query. This creates a parent project for this reservation and assigns this project to the event organizer.**

**The Solution**



The first workflow launcher job runs this parent project workflow for each approved reservation which is returned from the SQL query. This creates a parent project for this reservation and assigns this project to the event organizer.



Other workflow launcher jobs run workflows like this one for each approved reservation resource which is returned from the SQL query. This creates a sub-project for this reservation resource and assigns it to the appropriate service provider.

**The Solution**



Other workflow launcher jobs run workflows like this one for each approved reservation resource which is returned from the SQL query. This creates a sub-project for this reservation resource and assigns it to the appropriate service provider.

**Project Types**

Requested By Me | Assigned To Me | **Projects** | Tasks

Basic Project (7), Facilities (10), Rock (4, 21), Communications Design Needs (1, 9), Comm Promo Video (14), Comm Design Web (1, 5), Accounting (1, 5), Communications Projects (10), IT Projects (3), IT Helpdesk (3), Restricted (7), AV Tech (1, 10), Events (1, 63), Event Childcare (2, 10), IT Support (1, 40), Promo & Registration (1, 14), Tim's Task List (6)

**Projects**

Filter Options ▾

Name	Requested By	Assigned To	Request Date	Due Date	State	
WM Leader Meeting	Katie Malone	Debbie Thurston	6/26/2020	7/30/2020	Active	✕
ReGeneration Recruitment Campaign	Tonya Warner	Debbie Thurston	4/28/2020	7/31/2020	Active	✕
Biblical Counseling Joint Group Meeting	Tonya Warner	Debbie Thurston	7/21/2020	7/31/2020	Active	✕

**The Solution**

The event organizer will go into Projects in Rock to manage all events. For our purposes at Fellowship Greenville, we created a Project Type called Events. The parent Project is created under this Project Type. See the beginning of the list of these Event projects at the bottom of this screenshot. This is where the Event Organizer would go to manage her events. You could select the Assigned to Me filter at the top in order to see only those events assigned to you.

## Project Detail

Home > Projects > Biblical Counseling Joint Group Meeting

Biblical Counseling Joint Group Meeting

#3983 - Events Active

Parent Project	Request Date	Due Date
Category	7/21/2020	7/31/2020
Requested By	Assigned To	
Tonya Warner	Debbie Thurston	

Details

**From Event Reservation:** Event Date: 7/31/2020 10:00:00 AM | <https://rock.fellowshipgreenville.org/ReservationDetail?ReservationId=3102> | Notes: Biblical Counseling group is meeting together with a speaker. 6 foot table in the back of the room, 6 foot table to the left of the stage on the ground closest to the windows. Event needs - Bottled waters and prepacked snacks, cheese and fruit on the 6 foot table in the back of the room. Maybe enough for 15ish? It can all be preset and I can add ice to the waters the morning of and I will clean up.

ReservationId (do not delete)  
3102

Complete

Edit

Delete

Task List

Sub Projects

AV/Tech: Biblical Counseling Joint Group Meeting (0/0)

Tomorrow 0 100%

Event Support: Biblical Counseling Joint Group Meeting (0/0)

Tomorrow 0 100%

Facilities: Biblical Counseling Joint Group Meeting (0/0)


Tomorrow 0 100%

Participants

Tonya Warner

Debbie Thurston

The Solution



Notice that the Biblical Counseling Joint Group Meeting parent project shows as Requested By the person who submitted this event in Room Management. Details include the event date along with a link to the Room Management reservation along with notes which were entered in the reservation. Note also that there are 3 Sub Projects in this parent Project of type AV/Tech, Event Support, and Facilities. The Event Organizer goes one place to handle multiple event projects and all of the resources connected to this event.



The screenshot displays a project management application. The top section, 'Project Types', shows a grid of 16 project categories, each with an icon and a count. The 'AV Tech' category is highlighted. The bottom section, 'Projects', shows a table of projects filtered by 'AV Tech'.

Name	Requested By	Assigned To	Request Date	Due Date	State	Action
AV/Tech: ReGen Leader Training	Tonya Warner	Joseph Adams	7/1/2020	8/19/2020	Active	
AV/Tech: Reengage Aug - Dec 2020 (First 2 weeks)	Amy Allen	Joseph Adams	7/22/2020	8/19/2020	Active	
AV/Tech: Parent Room	Angel Flemmer	Joseph Adams	6/30/2020	8/23/2020	Active	

**The Solution**

The service provider can then go into the Project Type of the resource that he provides, in this case AV Tech, and see only that type of project instead of having to see all of the projects and sub projects. This keeps all communications concerning this sub-project together in one location.

## The Tools:

**Description of the tools needed to accomplish this integrated system.**



Although I have referred to the Rock tools we have used in this system, I wanted to list and describe each of these for clarity.



**Room Management**

Purchased: 8/31/2017

Purchased by: Paul Tedder

**NOTE:** Central Christian Church directs 100% of the sales of this plugin (and all of their plugins) immediately to Spark Development Network as another way to donate to the core project!

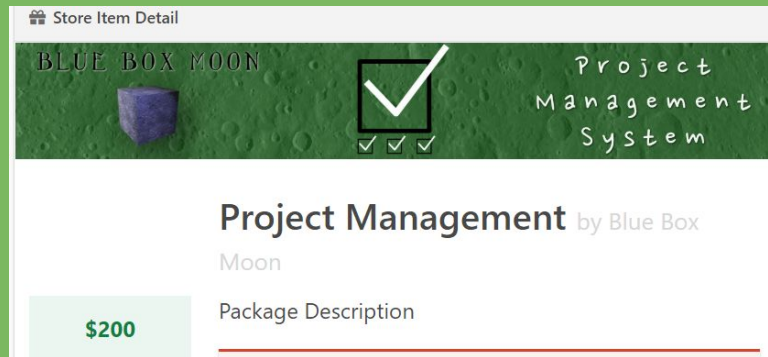
Installed

Installed Version 1.5.3

The Tools



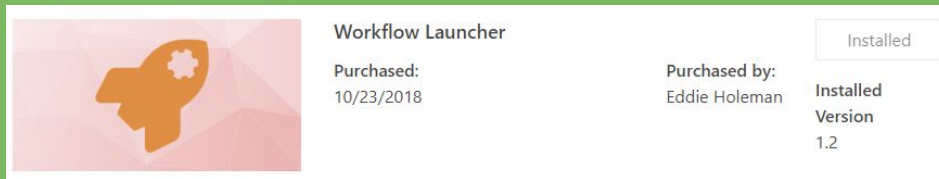
Fellowship Greenville has used the Rock Room Management plugin since early 2018. This plugin provided us all of the functionality of our former event management system, which was Dean Evans and Associates' EMS, but the added benefits of asking our staff to work in an environment in which they were already comfortable. Our transition from EMS to Rock Room Management was almost painless.



The Tools



Rock Project Management was developed by Daniel Hazelbaker. We have been using this excellent tool since mid-2018. To learn lots more about using this plugin, you can watch Debbie Thurston's vRX2020 presentation entitled "Rock and Project Management - A strong foundation for all your projects".



### Workflow Launcher Plugin features

A job for launching a workflow for every row in a SQL statement with columns auto-mapping to attributes.

The Tools



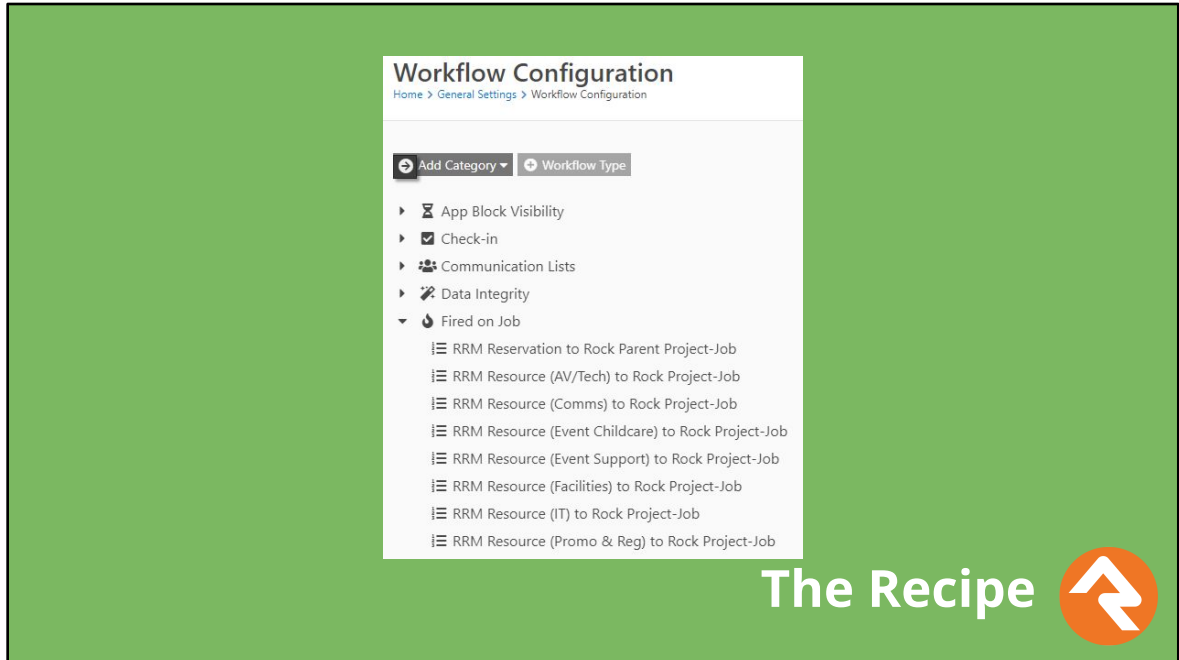
The Workflow Launcher plugin, among others things, allows a job for launching a workflow for every row in a SQL query with the opportunity to auto-map query fields into workflow attributes. At Fellowship Greenville, we have used this plugin extensively to process multiple records through a workflow without having to do that manually.

## The Recipe:

**Steps used in developing this system to  
function within the Fellowship Greenville  
environment**



Here is the Recipe for this system. The steps used in developing this system to function within your environment.



We developed a series of workflows for each part of this process. For organizational purposes, we placed all of these workflows under a “Fired on Job” category.

RRM Reservation to Rock Parent Project-Job

Id: 230

Details

Advanced Settings

Attributes Count: 24

Activities

+ Add Activity

Start

Id: 1114

Create and Assign Project

Id: 1115

Complete Workflow

Id: 1118

The Recipe



The parent project workflow basically captures and verifies information returned from the SQL query via the job and uses that information to create and assign a project.



The screenshot shows a configuration page for a resource named "RRM Resource (Promo & Reg) to Rock Project-Job" (Id: 235). The page has a green border and contains several sections:

- Details**: A section with a dropdown arrow.
- Advanced Settings**: A section with a dropdown arrow.
- Attributes Count: 40**: A section with a dropdown arrow.
- Activities**: A section with a "+ Add Activity" button and a list of activities:
  - Start**: A light green activity bar with a gear icon, Id: 1135, and a dropdown arrow.
  - Create and Assign Project**: A dark grey activity bar with a gear icon, Id: 1136, and a dropdown arrow.
  - Complete Workflow**: A dark grey activity bar with a gear icon, Id: 1137, and a dropdown arrow.

The Recipe



We created child project workflows based on the resource requested. These workflows are similar to the parent in the capturing and verifying information returned from the SQL query in the job and then the using of that information to create and assign a sub-project. Each resource has a specialized workflow involving the attributes and actions necessary for that resource.

Name \*

Room Management to Event Parent Project

Active

☒ Yes

Description

Notification Status

All

Notification Emails

Job Type \*

org.secc.Jobs.WorkflowLauncher

Source

SQL Query

```

1 SELECT
2   HHH(cchh.ReservationId) AS ReservationId
3   ,HHH(cchh.Name) AS Inventory
4   ,HHH(p.FirstName) AS AdminContactFirstName
5   ,HHH(p.LastName) AS AdminContactLastName
6   ,HHH(cchh.[AdministrativeContactEmail]) AS AdminContactEmail
7   ,HHH(cchh.LiLanderContent) AS LiLanderContent
8   ,HHH(cchh.SetupPhotoId) AS SetupPhotoId
9   ,HHH(cchh.Note) AS ReservationNotes
10  FROM _com_centralaz_roommanagement_reservationresource cchh
11  LEFT JOIN _com_centralaz_roommanagement_reservation cchh ON cchh.ReservationId = cchh.Id
12  LEFT JOIN _com_centralaz_roommanagement_resource cch ON cchh.ResourceId = cch.Id
13  LEFT JOIN Personalias pe ON cchh.AdministrativeContactPersonaliasId = pe.Id
14
15  --=====
16  --=====
17  --=====

```

Command Timeout

3600

Data View

Target

Workflow

RRM Reservation to ...

Save

Cancel

Cron Expression

0 8 2 1/1 \* ? \*

Cron Description

At 02:08 AM

Last Status Message

Workflow Launch Results:

Success: 0

Failed: 0

After creating each workflow, we created jobs specific to each workflow which uses the WorkflowLauncher job type to pass records to the appropriate workflow. The parent job is run first each night. Once it has run and new parent projects have been creating, the jobs for each sub-project are run to attach the sub-projects to the appropriate parent project.

```

SELECT
    MIN(ccRRR.ReservationId) AS ReservationId
    ,MIN(ccRR.[Name]) AS EventName
    ,MIN(p.FirstName) AS AdminContactFirstName
    ,MIN(p.LastName) AS AdminContactLastName
    ,MIN(ccRR.[AdministrativeContactEmail]) AS AdminContactEmail
    ,MIN(s.iCalendarContent) AS CalContent
    ,MIN(ccRR.SetupPhotold) AS SetupPhotold
    ,MIN(ccRR.Note) AS ReservationNotes
FROM _com_centralaz_RoomManagement_ReservationResource ccRRR
    LEFT JOIN _com_centralaz_RoomManagement_Reservation ccRR ON ccRRR.ReservationId = ccRR.Id
    LEFT JOIN _com_centralaz_RoomManagement_Resource ccR ON ccRRR.ResourceId = ccR.Id
    LEFT JOIN PersonAlias pa ON ccRR.AdministrativeContactPersonAliasId = pa.Id
    LEFT JOIN Person p ON pa.PersonId = p.Id
    LEFT JOIN Schedule s ON ccRR.ScheduleId = s.Id
WHERE ccRR.ApprovalState = '2' AND ccRR.ModifiedDateTime >= DATEADD(day, -1,
DATETIME2FROMPARTS(YEAR(GETDATE()), MONTH(GETDATE()), DAY(GETDATE()), 0, 0, 0, 0, 1)) AND
ccRR.ModifiedDateTime <= DATEADD(day, -1, DATETIME2FROMPARTS(YEAR(GETDATE()), MONTH(GETDATE()),
DAY(GETDATE()), 23, 59, 59, 0, 0))
    AND (SELECT COUNT(h.EntityId) FROM History h WHERE h.EntityId = ccRRR.ReservationId AND h.EntityTypeId =
'463' AND h.NewValue = 'Approved' AND h.OldValue = 'Unapproved' GROUP BY h.EntityId) >= '1'
    AND ccR.CategoryId NOT IN (324,403)
GROUP BY ccRRR.ReservationId

```

**The Recipe**



Here is an example of the SQL Select Query used in these jobs. The query returns a listing of reservations which were modified the previous day with the Approval State set to Approved.

## The Results:

**Has this system worked for Fellowship  
Greenville staff?**



**This system has been well received by our ministry team members at Fellowship Greenville. One ministry assistant who has handled lots of events over the years expressed stress relief in that all communication about her events can be found in one location. This system has been a big win for efficiency in the ministry. We hope that this concept causes you to consider appropriate ways which you you can use workflow automation to integrate the various systems in your Rock environment.**



ANY  
QUESTIONS  
?

**Room Management → Projects**



I would love to answer any questions, but since this is not a live broadcast, I don't think I can do that. :-)

**For more information**

**EDDIE HOLEMAN**

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Additional resources:

<https://github.com/fellowship-greenville/RoomManagement-ProjectManagement>



Don't hesitate to reach out to me via email or Rocket.Chat. Or visit our github.com site for downloadable resources.