



# Scheduler Work Arounds

Lloyd Chittenden  
Marmot Library Network

# What is Marmot? Why do we have Scheduler problems?

- Marmot is a consortium of over 30 libraries in Colorado
- We have public, academic and school libraries
- We have two Sierra servers, MLN1 and MLN2
- MLN1 makes particularly heavy use of Scheduler, 188 jobs a week
- We fill up Scheduler history in 3 and a half days on average

## Sierra Scheduler has many problems

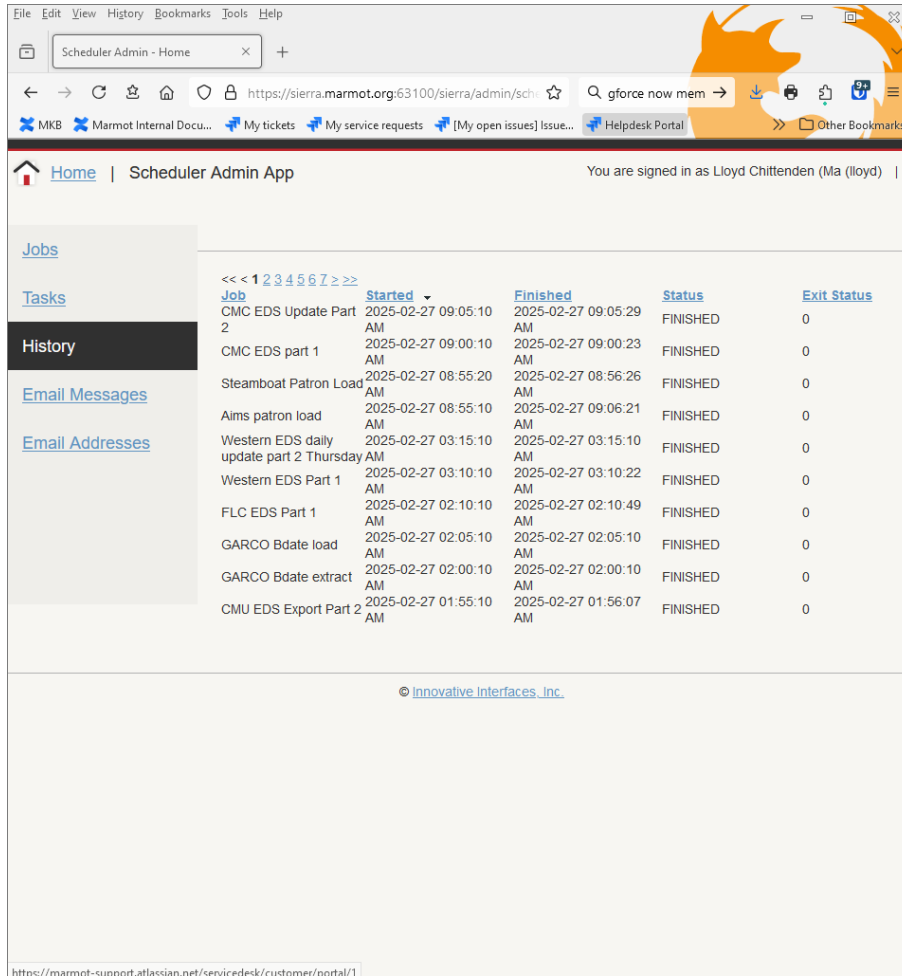
History only keeps 100 events

History is difficult to navigate and use

It is very difficult to tell when different events will happen

# First work around – Google Sheets

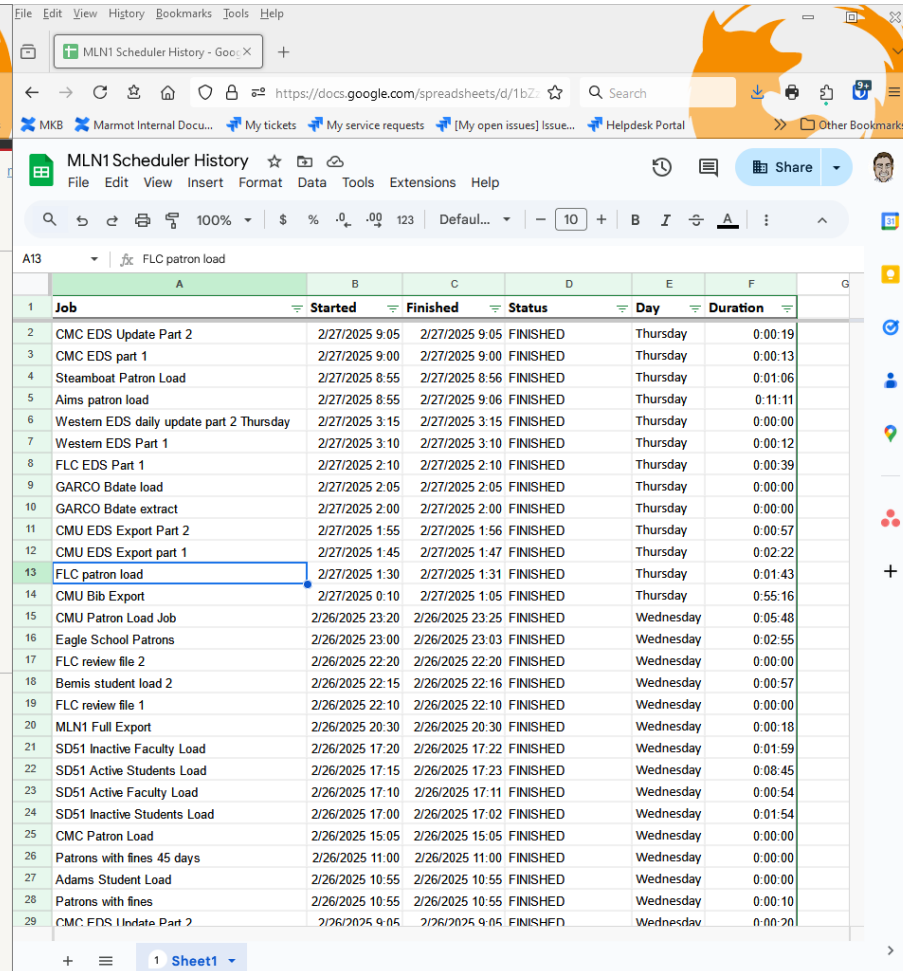
- Difficult to read
- Impossible to search
- Badly formatted
- No way to sort or filter
- Useful information missing



The screenshot shows the 'Scheduler Admin App' interface. On the left is a sidebar with navigation links: Home, Jobs, Tasks, History (selected), Email Messages, and Email Addresses. The main area displays a table of job history. At the top of the table is a pagination control: '<< 1 2 3 4 5 6 7 >>'. The table has five columns: Job, Started, Finished, Status, and Exit Status. The data is as follows:

| Job                                      | Started                | Finished               | Status   | Exit Status |
|------------------------------------------|------------------------|------------------------|----------|-------------|
| CMC EDS Update Part 2                    | 2025-02-27 09:05:10 AM | 2025-02-27 09:05:29 AM | FINISHED | 0           |
| CMC EDS part 1                           | 2025-02-27 09:00:10 AM | 2025-02-27 09:00:23 AM | FINISHED | 0           |
| Steamboat Patron Load                    | 2025-02-27 08:55:20 AM | 2025-02-27 08:56:26 AM | FINISHED | 0           |
| Aims patron load                         | 2025-02-27 08:55:10 AM | 2025-02-27 09:06:21 AM | FINISHED | 0           |
| Western EDS daily update part 2 Thursday | 2025-02-27 03:15:10 AM | 2025-02-27 03:15:10 AM | FINISHED | 0           |
| Western EDS Part 1                       | 2025-02-27 03:10:10 AM | 2025-02-27 03:10:22 AM | FINISHED | 0           |
| FLC EDS Part 1                           | 2025-02-27 02:05:10 AM | 2025-02-27 02:05:10 AM | FINISHED | 0           |
| GARCO Bdate load                         | 2025-02-27 02:00:10 AM | 2025-02-27 02:00:10 AM | FINISHED | 0           |
| GARCO Bdate extract                      | 2025-02-27 01:55:10 AM | 2025-02-27 01:56:07 AM | FINISHED | 0           |
| CMU EDS Export Part 2                    | 2025-02-27 01:55:10 AM | 2025-02-27 01:56:07 AM | FINISHED | 0           |

At the bottom of the page, there is a copyright notice: '© innovative interfaces, inc.'



The screenshot shows a Google Sheet titled 'MLN1 Scheduler History'. The sheet has a table with columns: Job, Started, Finished, Status, Day, and Duration. The data is as follows:

| Job                                      | Started         | Finished        | Status   | Day       | Duration |
|------------------------------------------|-----------------|-----------------|----------|-----------|----------|
| CMC EDS Update Part 2                    | 2/27/2025 9:05  | 2/27/2025 9:05  | FINISHED | Thursday  | 0:00:19  |
| CMC EDS part 1                           | 2/27/2025 9:00  | 2/27/2025 9:00  | FINISHED | Thursday  | 0:00:13  |
| Steamboat Patron Load                    | 2/27/2025 8:55  | 2/27/2025 8:56  | FINISHED | Thursday  | 0:01:06  |
| Aims patron load                         | 2/27/2025 8:55  | 2/27/2025 9:06  | FINISHED | Thursday  | 0:11:11  |
| Western EDS daily update part 2 Thursday | 2/27/2025 3:15  | 2/27/2025 3:15  | FINISHED | Thursday  | 0:00:00  |
| Western EDS Part 1                       | 2/27/2025 3:10  | 2/27/2025 3:10  | FINISHED | Thursday  | 0:00:12  |
| FLC EDS Part 1                           | 2/27/2025 2:10  | 2/27/2025 2:10  | FINISHED | Thursday  | 0:00:39  |
| GARCO Bdate load                         | 2/27/2025 2:05  | 2/27/2025 2:05  | FINISHED | Thursday  | 0:00:00  |
| GARCO Bdate extract                      | 2/27/2025 2:00  | 2/27/2025 2:00  | FINISHED | Thursday  | 0:00:00  |
| CMU EDS Export Part 2                    | 2/27/2025 1:55  | 2/27/2025 1:56  | FINISHED | Thursday  | 0:00:57  |
| CMU EDS Export part 1                    | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED | Thursday  | 0:02:22  |
| FLC patron load                          | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED | Thursday  | 0:01:43  |
| CMU Bib Export                           | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED | Thursday  | 0:55:16  |
| CMU Patron Load Job                      | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED | Wednesday | 0:05:48  |
| Eagle School Patrons                     | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED | Wednesday | 0:02:55  |
| FLC review file 2                        | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED | Wednesday | 0:00:00  |
| Bemis student load 2                     | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED | Wednesday | 0:00:57  |
| FLC review file 1                        | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED | Wednesday | 0:00:00  |
| MLN1 Full Export                         | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED | Wednesday | 0:00:18  |
| SD51 Inactive Faculty Load               | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED | Wednesday | 0:01:59  |
| SD51 Active Students Load                | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED | Wednesday | 0:08:45  |
| SD51 Active Faculty Load                 | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED | Wednesday | 0:00:54  |
| SD51 Inactive Students Load              | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED | Wednesday | 0:01:54  |
| CMC Patron Load                          | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |
| Patrons with fines 45 days               | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |
| Adams Student Load                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |
| Patrons with fines                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:10  |
| CMC EDS Update Part 2                    | 2/26/2025 9:05  | 2/26/2025 9:05  | FINISHED | Wednesday | 0:00:20  |

- Easy to read
- Searchable
- Sortable
- Filterable
- Extra info
- Adjustable format

## Copy procedure

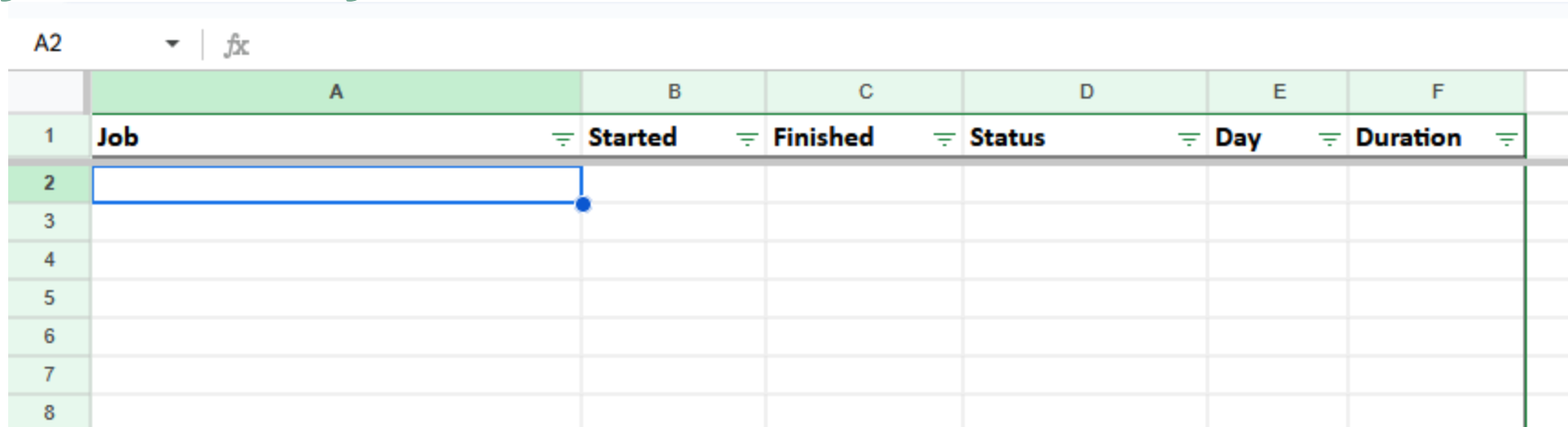
Copy and paste manually

Do this every workday

- It's okay if I miss a day.
- On our busy server a 3-day weekend it pushing it.
- I we go 4 days we will lose events
- Need a backup person for vacation or illness

I'm working on changing the schedule so there are fewer weekend events

## First day – Create your sheet



|   | A   | B       | C        | D      | E   | F        |
|---|-----|---------|----------|--------|-----|----------|
| 1 | Job | Started | Finished | Status | Day | Duration |
| 2 |     |         |          |        |     |          |
| 3 |     |         |          |        |     |          |
| 4 |     |         |          |        |     |          |
| 5 |     |         |          |        |     |          |
| 6 |     |         |          |        |     |          |
| 7 |     |         |          |        |     |          |
| 8 |     |         |          |        |     |          |

- 6 Columns
  - Job
  - Started
  - Finished
  - Status
  - Day
  - Duration

Formula for Day:  
`=TEXT(B2,"dddd")`

Formula for Duration:  
`=SUM(C2-B2)`

# Copy the first page of events

Scheduler Admin - Home

https://sierra.marmot.org:63100/sierra/admin/sched

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

Home Scheduler Admin App

You are signed in as Lloyd Chittenden (Ma (lloyd) |

Jobs

Tasks

History

Email Messages

Email Addresses

<<< 1 2 3 4 5 6 7 >>>

| Job                                    | Started                | Finished               | Status   | Exit Status |
|----------------------------------------|------------------------|------------------------|----------|-------------|
| Patrons with fines 45 days             | 2025-02-28 11:00:10 AM | 2025-02-28 11:00:10 AM | FINISHED | 0           |
| Adams Student Load                     | 2025-02-28 10:55:20 AM | 2025-02-28 10:55:20 AM | FINISHED | 0           |
| Patrons with fines                     | 2025-02-28 10:55:10 AM | 2025-02-28 10:55:20 AM | FINISHED | 0           |
| CMC EDS Update Part 2                  | 2025-02-28 09:05:10 AM | 2025-02-28 09:05:30 AM | FINISHED | 0           |
| CMC EDS part 1                         | 2025-02-28 09:00:10 AM | 2025-02-28 09:00:24 AM | FINISHED | 0           |
| Steamboat Patron Load                  | 2025-02-28 08:55:20 AM | 2025-02-28 08:56:25 AM | FINISHED | 0           |
| Aims patron load                       | 2025-02-28 08:55:10 AM | 2025-02-28 09:07:08 AM | FINISHED | 0           |
| Western EDS daily update part 2 Friday | 2025-02-28 03:15:10 AM | 2025-02-28 03:15:10 AM | FINISHED | 0           |
| Western EDS Part 1                     | 2025-02-28 03:10:10 AM | 2025-02-28 03:10:24 AM | FINISHED | 0           |
| FLC EDS Part 1                         | 2025-02-28 02:10:10 AM | 2025-02-28 02:10:51 AM | FINISHED | 0           |

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MLN1 Scheduler History - Google

https://docs.google.com/spreadsheets/d/1bZzdn11

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

MLN1 Scheduler History

File Edit View Insert Format Data Tools Extensions Help

100% 123 Default...

A2:E11 Patrons with fines 45 days

|    | A                                      | B               | C               | D        | E   |
|----|----------------------------------------|-----------------|-----------------|----------|-----|
| 1  | Job                                    | Started         | Finished        | Status   | Day |
| 2  | Patrons with fines 45 days             | 2/28/2025 11:00 | 2/28/2025 11:00 | FINISHED | 0   |
| 3  | Adams Student Load                     | 2/28/2025 10:55 | 2/28/2025 10:55 | FINISHED | 0   |
| 4  | Patrons with fines                     | 2/28/2025 10:55 | 2/28/2025 10:55 | FINISHED | 0   |
| 5  | CMC EDS Update Part 2                  | 2/28/2025 9:05  | 2/28/2025 9:05  | FINISHED | 0   |
| 6  | CMC EDS part 1                         | 2/28/2025 9:00  | 2/28/2025 9:00  | FINISHED | 0   |
| 7  | Steamboat Patron Load                  | 2/28/2025 8:55  | 2/28/2025 8:56  | FINISHED | 0   |
| 8  | Aims patron load                       | 2/28/2025 8:55  | 2/28/2025 9:07  | FINISHED | 0   |
| 9  | Western EDS daily update part 2 Friday | 2/28/2025 3:15  | 2/28/2025 3:15  | FINISHED | 0   |
| 10 | Western EDS Part 1                     | 2/28/2025 3:10  | 2/28/2025 3:10  | FINISHED | 0   |
| 11 | FLC EDS Part 1                         | 2/28/2025 2:10  | 2/28/2025 2:10  | FINISHED | 0   |
| 12 |                                        |                 |                 |          |     |
| 13 |                                        |                 |                 |          |     |
| 14 |                                        |                 |                 |          |     |
| 15 |                                        |                 |                 |          |     |
| 16 |                                        |                 |                 |          |     |
| 17 |                                        |                 |                 |          |     |
| 18 |                                        |                 |                 |          |     |
| 19 |                                        |                 |                 |          |     |
| 20 |                                        |                 |                 |          |     |

# Copy events page by page

Scheduler Admin - Home

https://sierra.marmot.org:63100/sierra/admin/schedadm

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

Home Scheduler Admin App

You are signed in as Lloyd Chittenden (Ma (lloyd) |

Jobs

Tasks

History

Email Messages

Email Addresses

<< < 1 2 3 4 5 6 7 > >>

| Job                   | Started                | Finished               | Status   | Exit Status |
|-----------------------|------------------------|------------------------|----------|-------------|
| GARCO Bdate load      | 2025-02-28 02:05:10 AM | 2025-02-28 02:05:10 AM | FINISHED | 0           |
| GARCO Bdate extract   | 2025-02-28 02:00:10 AM | 2025-02-28 02:00:10 AM | FINISHED | 0           |
| CMU EDS Export Part 2 | 2025-02-28 01:55:10 AM | 2025-02-28 01:55:50 AM | FINISHED | 0           |
| CMU EDS Export part 1 | 2025-02-28 01:45:10 AM | 2025-02-28 01:47:29 AM | FINISHED | 0           |
| FLC patron load       | 2025-02-28 01:30:10 AM | 2025-02-28 01:32:04 AM | FINISHED | 0           |
| CMU Bib Export        | 2025-02-28 12:10:10 AM | 2025-02-28 01:09:56 AM | FINISHED | 0           |
| CMU Patron Load Job   | 2025-02-27 11:20:11 PM | 2025-02-27 11:26:30 PM | FINISHED | 0           |
| Eagle School Patrons  | 2025-02-27 11:00:10 PM | 2025-02-27 11:03:29 PM | FINISHED | 0           |
| FLC review file 2     | 2025-02-27 10:20:10 PM | 2025-02-27 10:20:10 PM | FINISHED | 0           |
| Bemis student load 2  | 2025-02-27 10:15:10 PM | 2025-02-27 10:16:15 PM | FINISHED | 0           |

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MLN1 Scheduler History - Google Sheets

https://docs.google.com/spreadsheets/d/1bZzd11v

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

MLN1 Scheduler History

File Edit View Insert Format Data Tools Extensions Help

100% 123 Default...

A12:E21 GARCO Bdate load

|    | A                                      | B               | C               | D        | E   |    |
|----|----------------------------------------|-----------------|-----------------|----------|-----|----|
| 1  | Job                                    | Started         | Finished        | Status   | Day | Du |
| 2  | Patrons with fines 45 days             | 2/28/2025 11:00 | 2/28/2025 11:00 | FINISHED |     | 0  |
| 3  | Adams Student Load                     | 2/28/2025 10:55 | 2/28/2025 10:55 | FINISHED |     | 0  |
| 4  | Patrons with fines                     | 2/28/2025 10:55 | 2/28/2025 10:55 | FINISHED |     | 0  |
| 5  | CMC EDS Update Part 2                  | 2/28/2025 9:05  | 2/28/2025 9:05  | FINISHED |     | 0  |
| 6  | CMC EDS part 1                         | 2/28/2025 9:00  | 2/28/2025 9:00  | FINISHED |     | 0  |
| 7  | Steamboat Patron Load                  | 2/28/2025 8:55  | 2/28/2025 8:56  | FINISHED |     | 0  |
| 8  | Aims patron load                       | 2/28/2025 8:55  | 2/28/2025 9:07  | FINISHED |     | 0  |
| 9  | Western EDS daily update part 2 Friday | 2/28/2025 3:15  | 2/28/2025 3:15  | FINISHED |     | 0  |
| 10 | Western EDS Part 1                     | 2/28/2025 3:10  | 2/28/2025 3:10  | FINISHED |     | 0  |
| 11 | FLC EDS Part 1                         | 2/28/2025 2:10  | 2/28/2025 2:10  | FINISHED |     | 0  |
| 12 | GARCO Bdate load                       | 2/28/2025 2:05  | 2/28/2025 2:05  | FINISHED |     | 0  |
| 13 | GARCO Bdate extract                    | 2/28/2025 2:00  | 2/28/2025 2:00  | FINISHED |     | 0  |
| 14 | CMU EDS Export Part 2                  | 2/28/2025 1:55  | 2/28/2025 1:55  | FINISHED |     | 0  |
| 15 | CMU EDS Export part 1                  | 2/28/2025 1:45  | 2/28/2025 1:47  | FINISHED |     | 0  |
| 16 | FLC patron load                        | 2/28/2025 1:30  | 2/28/2025 1:32  | FINISHED |     | 0  |
| 17 | CMU Bib Export                         | 2/28/2025 0:10  | 2/28/2025 1:09  | FINISHED |     | 0  |
| 18 | CMU Patron Load Job                    | 2/27/2025 23:20 | 2/27/2025 23:26 | FINISHED |     | 0  |
| 19 | Eagle School Patrons                   | 2/27/2025 23:00 | 2/27/2025 23:03 | FINISHED |     | 0  |
| 20 | FLC review file 2                      | 2/27/2025 22:20 | 2/27/2025 22:20 | FINISHED |     | 0  |
| 21 | Bemis student load 2                   | 2/27/2025 22:15 | 2/27/2025 22:16 | FINISHED |     | 0  |
| 22 |                                        |                 |                 |          |     |    |



# Add formulas

|                      |                 |                 |          |                    |
|----------------------|-----------------|-----------------|----------|--------------------|
| FLC review file 2    | 2/27/2025 22:20 | 2/27/2025 22:20 | FINISHED |                    |
| Bemis student load 2 | 2/27/2025 22:15 | 2/27/2025 22:16 | FINISHED | =TEXT(B21, "dddd") |

Formula for Day  
in column E

|    |                      |                 |                 |          |               |
|----|----------------------|-----------------|-----------------|----------|---------------|
| 20 | FLC review file 2    | 2/27/2025 22:20 | 2/27/2025 22:20 | FINISHED | 0             |
| 21 | Bemis student load 2 | 2/27/2025 22:15 | 2/27/2025 22:16 | FINISHED | Thursday      |
| 22 |                      |                 |                 |          | =SUM(C21-B21) |

Formula for Duration  
in column F

# Copy formulas to all cells

|    | A                                        | B               | C               | D        | E         | F        |
|----|------------------------------------------|-----------------|-----------------|----------|-----------|----------|
| 1  | Job                                      | Started         | Finished        | Status   | Day       | Duration |
| 2  | Patrons with fines 45 days               | 2/27/2025 11:00 | 2/27/2025 11:00 | FINISHED | Thursday  | 0:00:00  |
| 3  | Adams Student Load                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED | Thursday  | 0:00:00  |
| 4  | Patrons with fines                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED | Thursday  | 0:00:10  |
| 5  | CMC EDS Update Part 2                    | 2/27/2025 9:05  | 2/27/2025 9:05  | FINISHED | Thursday  | 0:00:19  |
| 6  | CMC EDS part 1                           | 2/27/2025 9:00  | 2/27/2025 9:00  | FINISHED | Thursday  | 0:00:13  |
| 7  | Steamboat Patron Load                    | 2/27/2025 8:55  | 2/27/2025 8:56  | FINISHED | Thursday  | 0:01:06  |
| 8  | Aims patron load                         | 2/27/2025 8:55  | 2/27/2025 9:06  | FINISHED | Thursday  | 0:11:11  |
| 9  | Western EDS daily update part 2 Thursday | 2/27/2025 3:15  | 2/27/2025 3:15  | FINISHED | Thursday  | 0:00:00  |
| 10 | Western EDS Part 1                       | 2/27/2025 3:10  | 2/27/2025 3:10  | FINISHED | Thursday  | 0:00:12  |
| 11 | FLC EDS Part 1                           | 2/27/2025 2:10  | 2/27/2025 2:10  | FINISHED | Thursday  | 0:00:39  |
| 12 | GARCO Bdate load                         | 2/27/2025 2:05  | 2/27/2025 2:05  | FINISHED | Thursday  | 0:00:00  |
| 13 | GARCO Bdate extract                      | 2/27/2025 2:00  | 2/27/2025 2:00  | FINISHED | Thursday  | 0:00:00  |
| 14 | CMU EDS Export Part 2                    | 2/27/2025 1:55  | 2/27/2025 1:56  | FINISHED | Thursday  | 0:00:57  |
| 15 | CMU EDS Export part 1                    | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED | Thursday  | 0:02:22  |
| 16 | FLC patron load                          | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED | Thursday  | 0:01:43  |
| 17 | CMU Bib Export                           | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED | Thursday  | 0:55:16  |
| 18 | CMU Patron Load Job                      | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED | Wednesday | 0:05:48  |
| 19 | Eagle School Patrons                     | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED | Wednesday | 0:02:55  |
| 20 | FLC review file 2                        | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED | Wednesday | 0:00:00  |
| 21 | Bemis student load 2                     | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED | Wednesday | 0:00:57  |
| 22 | FLC review file 1                        | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED | Wednesday | 0:00:00  |
| 23 | MLN1 Full Export                         | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED | Wednesday | 0:00:18  |
| 24 | SD51 Inactive Faculty Load               | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED | Wednesday | 0:01:59  |
| 25 | SD51 Active Students Load                | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED | Wednesday | 0:08:45  |
| 26 | SD51 Active Faculty Load                 | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED | Wednesday | 0:00:54  |
| 27 | SD51 Inactive Students Load              | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED | Wednesday | 0:01:54  |
| 28 | CMC Patron Load                          | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |
| 29 | Patrons with fines 45 days               | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |

# Second day – Insert rows at the top of the page

Scheduler Admin - Home

https://sierra.marmot.org:63100/sierra/admin/sche

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

Home Scheduler Admin App You are signed in as Lloyd Chittenden (Ma (lloyd))

Jobs

Tasks

History

Email Messages

Email Addresses

<< 1 2 3 4 5 6 7 >>

| Job                                      | Started                | Finished               | Status   | Exit Status |
|------------------------------------------|------------------------|------------------------|----------|-------------|
| Patrons with fines 45 days               | 2025-02-27 11:00:11 AM | 2025-02-27 11:00:11 AM | FINISHED | 0           |
| Adams Student Load                       | 2025-02-27 10:55:20 AM | 2025-02-27 10:55:20 AM | FINISHED | 0           |
| Patrons with fines                       | 2025-02-27 10:55:10 AM | 2025-02-27 10:55:20 AM | FINISHED | 0           |
| CMC EDS Update Part 2                    | 2025-02-27 09:05:10 AM | 2025-02-27 09:05:29 AM | FINISHED | 0           |
| CMC EDS part 1                           | 2025-02-27 09:00:10 AM | 2025-02-27 09:00:23 AM | FINISHED | 0           |
| Steamboat Patron Load                    | 2025-02-27 08:55:20 AM | 2025-02-27 08:56:26 AM | FINISHED | 0           |
| Aims patron load                         | 2025-02-27 08:55:10 AM | 2025-02-27 09:06:21 AM | FINISHED | 0           |
| Western EDS daily update part 2 Thursday | 2025-02-27 03:15:10 AM | 2025-02-27 03:15:10 AM | FINISHED | 0           |
| Western EDS Part 1                       | 2025-02-27 03:10:10 AM | 2025-02-27 03:10:22 AM | FINISHED | 0           |
| FLC EDS Part 1                           | 2025-02-27 02:10:10 AM | 2025-02-27 02:10:49 AM | FINISHED | 0           |

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MLN1 Scheduler History - Google Sheets

https://docs.google.com/spreadsheets/d/1bZ...

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

MLN1 Scheduler History

File Edit View Insert Format Data Tools Extensions Help

100% 123 Default...

|    | A                          | B               | C               | D        | E         | F        | G |
|----|----------------------------|-----------------|-----------------|----------|-----------|----------|---|
| 1  | Job                        | Started         | Finished        | Status   | Day       | Duration |   |
| 2  |                            |                 |                 |          |           |          |   |
| 3  |                            |                 |                 |          |           |          |   |
| 4  |                            |                 |                 |          |           |          |   |
| 5  |                            |                 |                 |          |           |          |   |
| 6  |                            |                 |                 |          |           |          |   |
| 7  |                            |                 |                 |          |           |          |   |
| 8  |                            |                 |                 |          |           |          |   |
| 9  |                            |                 |                 |          |           |          |   |
| 10 |                            |                 |                 |          |           |          |   |
| 11 |                            |                 |                 |          |           |          |   |
| 12 |                            |                 |                 |          |           |          |   |
| 13 |                            |                 |                 |          |           |          |   |
| 14 |                            |                 |                 |          |           |          |   |
| 15 |                            |                 |                 |          |           |          |   |
| 16 |                            |                 |                 |          |           |          |   |
| 17 |                            |                 |                 |          |           |          |   |
| 18 |                            |                 |                 |          |           |          |   |
| 19 |                            |                 |                 |          |           |          |   |
| 20 |                            |                 |                 |          |           |          |   |
| 21 |                            |                 |                 |          |           |          |   |
| 22 |                            |                 |                 |          |           |          |   |
| 23 |                            |                 |                 |          |           |          |   |
| 24 |                            |                 |                 |          |           |          |   |
| 25 |                            |                 |                 |          |           |          |   |
| 26 |                            |                 |                 |          |           |          |   |
| 27 |                            |                 |                 |          |           |          |   |
| 28 | CMC Patron Load            | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |   |
| 29 | Patrons with fines 45 days | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |   |
| 30 | Adams Student Load         | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |   |
| 31 | Patrons with fines         | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:10  |   |

1 Sheet1

# Select and copy the event data from History

Scheduler Admin - Home

https://sierra.marmot.org:63100/sierra/admin/sche

MKB Marmot Internal Docu... My tickets My service requests [My open issues] Issue... Helpdesk Portal

Home Scheduler Admin App You are signed in as Lloyd Chittenden (Ma (lloyd))

Jobs

Tasks

History

Email Messages

Email Addresses

<<<1234567>>>

| Job                                      | Started                | Finished               | Status   | Exit Status |
|------------------------------------------|------------------------|------------------------|----------|-------------|
| Patrons with fines 45 days               | 2025-02-27 11:00:11 AM | 2025-02-27 11:00:11 AM | FINISHED | 0           |
| Adams Student Load                       | 2025-02-27 10:55:20 AM | 2025-02-27 10:55:20 AM | FINISHED | 0           |
| Patrons with fines                       | 2025-02-27 10:55:10 AM | 2025-02-27 10:55:20 AM | FINISHED | 0           |
| CMC EDS Update Part 2                    | 2025-02-27 09:05:10 AM | 2025-02-27 09:05:29 AM | FINISHED | 0           |
| CMC EDS part 1                           | 2025-02-27 09:00:10 AM | 2025-02-27 09:00:23 AM | FINISHED | 0           |
| Steamboat Patron Load                    | 2025-02-27 08:55:20 AM | 2025-02-27 08:56:26 AM | FINISHED | 0           |
| Aims patron load                         | 2025-02-27 08:55:10 AM | 2025-02-27 09:06:24 AM | FINISHED | 0           |
| Western EDS daily update part 2 Thursday | 2025-02-27 03:15:10 AM | 2025-02-27 03:15:10 AM | FINISHED | 0           |
| Western EDS Part 1                       | 2025-02-27 03:10:10 AM | 2025-02-27 03:10:10 AM | FINISHED | 0           |
| FLC EDS Part 1                           | 2025-02-27 02:10:10 AM | 2025-02-27 02:10:10 AM | FINISHED | 0           |

Copy  
Select All  
Print Selection...  
Take Screenshot  
Search Startpage - English for "Patrons with fi..."  
Translate Selection to English  
View Selection Source  
Inspect (Q)  
Bitwarden

Innovative Interfaces Inc.

MLN1 Scheduler History

File Edit View Insert Format Data Tools Extensions Help

100% \$ % .0 .00 123 Default... 10 B I A

| Job                        | Started         | Finished        | Status   | Day       | Duration |
|----------------------------|-----------------|-----------------|----------|-----------|----------|
| CMC Patron Load            | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |
| Patrons with fines 45 days | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |
| Adams Student Load         | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |
| Patrons with fines         | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:10  |

1 Sheet1

# Paste the data at the top of the sheet

Home | Scheduler Admin App

You are signed in as Lloyd Chittenden (Ma (lloyd) |

Jobs

Tasks

History

Email Messages

Email Addresses

| Job                                      | Started                | Finished               | Status   | Exit Status |
|------------------------------------------|------------------------|------------------------|----------|-------------|
| Patrons with fines 45 days               | 2025-02-27 11:00:11 AM | 2025-02-27 11:00:11 AM | FINISHED |             |
| Adams Student Load                       | 2025-02-27 10:55:20 AM | 2025-02-27 10:55:20 AM | FINISHED |             |
| Patrons with fines                       | 2025-02-27 10:55:10 AM | 2025-02-27 10:55:20 AM | FINISHED |             |
| CMC EDS Update Part 2                    | 2025-02-27 09:05:10 AM | 2025-02-27 09:05:29 AM | FINISHED |             |
| CMC EDS part 1                           | 2025-02-27 09:00:10 AM | 2025-02-27 09:00:23 AM | FINISHED |             |
| Steamboat Patron Load                    | 2025-02-27 08:55:20 AM | 2025-02-27 08:56:26 AM | FINISHED |             |
| Aims patron load                         | 2025-02-27 08:55:10 AM | 2025-02-27 09:06:21 AM | FINISHED |             |
| Western EDS daily update part 2 Thursday | 2025-02-27 03:15:10 AM | 2025-02-27 03:15:10 AM | FINISHED |             |
| Western EDS Part 1                       | 2025-02-27 03:10:10 AM | 2025-02-27 03:10:22 AM | FINISHED |             |
| FLC EDS Part 1                           | 2025-02-27 02:10:10 AM | 2025-02-27 02:10:49 AM | FINISHED |             |

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MLN1 Scheduler History - Google Sheets

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A2:E11 Patrons with fines 45 days

|    | A                                        | B               | C               | D        | E         | F        | G |
|----|------------------------------------------|-----------------|-----------------|----------|-----------|----------|---|
| 1  | Job                                      | Started         | Finished        | Status   | Day       | Duration |   |
| 2  | Patrons with fines 45 days               | 2/27/2025 11:00 | 2/27/2025 11:00 | FINISHED |           | 0        |   |
| 3  | Adams Student Load                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED |           | 0        |   |
| 4  | Patrons with fines                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED |           | 0        |   |
| 5  | CMC EDS Update Part 2                    | 2/27/2025 9:05  | 2/27/2025 9:05  | FINISHED |           | 0        |   |
| 6  | CMC EDS part 1                           | 2/27/2025 9:00  | 2/27/2025 9:00  | FINISHED |           | 0        |   |
| 7  | Steamboat Patron Load                    | 2/27/2025 8:55  | 2/27/2025 8:56  | FINISHED |           | 0        |   |
| 8  | Aims patron load                         | 2/27/2025 8:55  | 2/27/2025 9:06  | FINISHED |           | 0        |   |
| 9  | Western EDS daily update part 2 Thursday | 2/27/2025 3:15  | 2/27/2025 3:15  | FINISHED |           | 0        |   |
| 10 | Western EDS Part 1                       | 2/27/2025 3:10  | 2/27/2025 3:10  | FINISHED |           | 0        |   |
| 11 | FLC EDS Part 1                           | 2/27/2025 2:10  | 2/27/2025 2:10  | FINISHED |           | 0        |   |
| 12 |                                          |                 |                 |          |           |          |   |
| 13 |                                          |                 |                 |          |           |          |   |
| 14 |                                          |                 |                 |          |           |          |   |
| 15 |                                          |                 |                 |          |           |          |   |
| 16 |                                          |                 |                 |          |           |          |   |
| 17 |                                          |                 |                 |          |           |          |   |
| 18 |                                          |                 |                 |          |           |          |   |
| 19 |                                          |                 |                 |          |           |          |   |
| 20 |                                          |                 |                 |          |           |          |   |
| 21 |                                          |                 |                 |          |           |          |   |
| 22 |                                          |                 |                 |          |           |          |   |
| 23 |                                          |                 |                 |          |           |          |   |
| 24 |                                          |                 |                 |          |           |          |   |
| 25 |                                          |                 |                 |          |           |          |   |
| 26 |                                          |                 |                 |          |           |          |   |
| 27 |                                          |                 |                 |          |           |          |   |
| 28 | CMC Patron Load                          | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |   |
| 29 | Patrons with fines 45 days               | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |   |
| 30 | Adams Student Load                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |   |
| 31 | Patrons with fines                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:10  |   |

1 Sheet1

Count: 50

# Go page by page, pasting the events into the sheet

Home

Scheduler Admin App

You are signed in as Lloyd Chittenden (Ma (lloyd) |

Jobs

Tasks

History

Email Messages

Email Addresses

<< 1 2 3 4 5 6 7 >>

| Job                   | Started                | Finished               | Status   | Exit Status |
|-----------------------|------------------------|------------------------|----------|-------------|
| GARCO Bdate load      | 2025-02-27 02:05:10 AM | 2025-02-27 02:05:10 AM | FINISHED |             |
| GARCO Bdate extract   | 2025-02-27 02:00:10 AM | 2025-02-27 02:00:10 AM | FINISHED |             |
| CMU EDS Export Part 2 | 2025-02-27 01:55:10 AM | 2025-02-27 01:56:07 AM | FINISHED |             |
| CMU EDS Export part 1 | 2025-02-27 01:45:10 AM | 2025-02-27 01:47:32 AM | FINISHED |             |
| FLC patron load       | 2025-02-27 01:30:10 AM | 2025-02-27 01:31:53 AM | FINISHED |             |
| CMU Bib Export        | 2025-02-27 12:10:10 PM | 2025-02-27 01:05:26 AM | FINISHED |             |
| CMU Patron Load Job   | 2025-02-26 11:20:10 PM | 2025-02-26 11:25:58 PM | FINISHED |             |
| Eagle School Patrons  | 2025-02-26 11:00:10 PM | 2025-02-26 11:03:05 PM | FINISHED |             |
| FLC review file 2     | 2025-02-26 10:20:10 PM | 2025-02-26 10:20:10 PM | FINISHED |             |
| Bemis student load 2  | 2025-02-26 10:15:10 PM | 2025-02-26 10:16:07 PM | FINISHED |             |

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MLN1 Scheduler History

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A12:E21

|    | A                                        | B               | C               | D        | E         | F        | G |
|----|------------------------------------------|-----------------|-----------------|----------|-----------|----------|---|
| 1  | Job                                      | Started         | Finished        | Status   | Day       | Duration |   |
| 2  | Patrons with fines 45 days               | 2/27/2025 11:00 | 2/27/2025 11:00 | FINISHED |           | 0        |   |
| 3  | Adams Student Load                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED |           | 0        |   |
| 4  | Patrons with fines                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED |           | 0        |   |
| 5  | CMC EDS Update Part 2                    | 2/27/2025 9:05  | 2/27/2025 9:05  | FINISHED |           | 0        |   |
| 6  | CMC EDS part 1                           | 2/27/2025 9:00  | 2/27/2025 9:00  | FINISHED |           | 0        |   |
| 7  | Steamboat Patron Load                    | 2/27/2025 8:55  | 2/27/2025 8:56  | FINISHED |           | 0        |   |
| 8  | Aims patron load                         | 2/27/2025 8:55  | 2/27/2025 9:06  | FINISHED |           | 0        |   |
| 9  | Western EDS daily update part 2 Thursday | 2/27/2025 3:15  | 2/27/2025 3:15  | FINISHED |           | 0        |   |
| 10 | Western EDS Part 1                       | 2/27/2025 3:10  | 2/27/2025 3:10  | FINISHED |           | 0        |   |
| 11 | FLC EDS Part 1                           | 2/27/2025 2:10  | 2/27/2025 2:10  | FINISHED |           | 0        |   |
| 12 | GARCO Bdate load                         | 2/27/2025 2:05  | 2/27/2025 2:05  | FINISHED |           | 0        |   |
| 13 | GARCO Bdate extract                      | 2/27/2025 2:00  | 2/27/2025 2:00  | FINISHED |           | 0        |   |
| 14 | CMU EDS Export Part 2                    | 2/27/2025 1:55  | 2/27/2025 1:56  | FINISHED |           | 0        |   |
| 15 | CMU EDS Export part 1                    | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED |           | 0        |   |
| 16 | FLC patron load                          | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED |           | 0        |   |
| 17 | CMU Bib Export                           | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED |           | 0        |   |
| 18 | CMU Patron Load Job                      | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED |           | 0        |   |
| 19 | Eagle School Patrons                     | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED |           | 0        |   |
| 20 | FLC review file 2                        | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED |           | 0        |   |
| 21 | Bemis student load 2                     | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED |           | 0        |   |
| 22 |                                          |                 |                 |          |           |          |   |
| 23 |                                          |                 |                 |          |           |          |   |
| 24 |                                          |                 |                 |          |           |          |   |
| 25 |                                          |                 |                 |          |           |          |   |
| 26 |                                          |                 |                 |          |           |          |   |
| 27 |                                          |                 |                 |          |           |          |   |
| 28 | CMC Patron Load                          | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |   |
| 29 | Patrons with fines 45 days               | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |   |
| 30 | Adams Student Load                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |   |
| 31 | Patrons with fines                       | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:10  |   |

1 Sheet1

Count: 50

Continue pasting events until you get to a duplicate

|    | A                           | B               | C               | D        | E         | F        |
|----|-----------------------------|-----------------|-----------------|----------|-----------|----------|
| 1  | Job                         | Started         | Finished        | Status   | Day       | Duration |
| 15 | CMU EDS Export part 1       | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED |           | 0        |
| 16 | FLC patron load             | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED |           | 0        |
| 17 | CMU Bib Export              | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED |           | 0        |
| 18 | CMU Patron Load Job         | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED |           | 0        |
| 19 | Eagle School Patrons        | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED |           | 0        |
| 20 | FLC review file 2           | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED |           | 0        |
| 21 | Bemis student load 2        | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED |           | 0        |
| 22 | FLC review file 1           | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED |           | 0        |
| 23 | MLN1 Full Export            | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED |           | 0        |
| 24 | SD51 Inactive Faculty Load  | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED |           | 0        |
| 25 | SD51 Active Students Load   | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED |           | 0        |
| 26 | SD51 Active Faculty Load    | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED |           | 0        |
| 27 | SD51 Inactive Students Load | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED |           | 0        |
| 28 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED |           | 0        |
| 29 | Patrons with fines 45 days  | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED |           | 0        |
| 30 | Adams Student Load          | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED |           | 0        |
| 31 | Patrons with fines          | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED |           | 0        |
| 32 |                             |                 |                 |          |           |          |
| 33 |                             |                 |                 |          |           |          |
| 34 |                             |                 |                 |          |           |          |
| 35 |                             |                 |                 |          |           |          |
| 36 |                             |                 |                 |          |           |          |
| 37 |                             |                 |                 |          |           |          |
| 38 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |
| 39 | Patrons with fines 45 days  | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |
| 40 | Adams Student Load          | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:00:00  |

## Check that they are the same event

| 1  | Job                         | Started         | Finished        | Status   | Day       | Duration |
|----|-----------------------------|-----------------|-----------------|----------|-----------|----------|
| 15 | CMU EDS Export part 1       | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED |           | 0        |
| 16 | FLC patron load             | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED |           | 0        |
| 17 | CMU Bib Export              | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED |           | 0        |
| 18 | CMU Patron Load Job         | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED |           | 0        |
| 19 | Eagle School Patrons        | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED |           | 0        |
| 20 | FLC review file 2           | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED |           | 0        |
| 21 | Bemis student load 2        | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED |           | 0        |
| 22 | FLC review file 1           | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED |           | 0        |
| 23 | MLN1 Full Export            | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED |           | 0        |
| 24 | SD51 Inactive Faculty Load  | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED |           | 0        |
| 25 | SD51 Active Students Load   | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED |           | 0        |
| 26 | SD51 Active Faculty Load    | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED |           | 0        |
| 27 | SD51 Inactive Students Load | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED |           | 0        |
| 28 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED |           | 0        |
| 29 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |

Same Name

Same Dates  
And Times

Same Status



## Delete one of the duplicate events

| 1  | Job                         | Started         | Finished        | Status   | Day       | Duration |  |  |  |
|----|-----------------------------|-----------------|-----------------|----------|-----------|----------|--|--|--|
| 15 | CMU EDS Export part 1       | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED |           | 0        |  |  |  |
| 16 | FLC patron load             | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED |           | 0        |  |  |  |
| 17 | CMU Bib Export              | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED |           | 0        |  |  |  |
| 18 | CMU Patron Load Job         | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED |           | 0        |  |  |  |
| 19 | Eagle School Patrons        | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED |           | 0        |  |  |  |
| 20 | FLC review file 2           | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED |           | 0        |  |  |  |
| 21 | Bemis student load 2        | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED |           | 0        |  |  |  |
| 22 | FLC review file 1           | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED |           | 0        |  |  |  |
| 23 | MLN1 Full Export            | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED |           | 0        |  |  |  |
| 24 | SD51 Inactive Faculty Load  | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED |           | 0        |  |  |  |
| 25 | SD51 Active Students Load   | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED |           | 0        |  |  |  |
| 26 | SD51 Active Faculty Load    | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED |           | 0        |  |  |  |
| 27 | SD51 Inactive Students Load | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED |           | 0        |  |  |  |
| 28 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED |           | 0        |  |  |  |
| 29 | CMC Patron Load             | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:0      |  |  |  |
| 30 | Patrons with fines 45 days  | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:0      |  |  |  |
| 31 | Adams Student Load          | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:0      |  |  |  |
| 32 | Patrons with fines          | 2/26/2025 10:55 | 2/26/2025 10:55 | FINISHED | Wednesday | 0:0      |  |  |  |
| 33 | CMC EDS Update Part 2       | 2/26/2025 9:05  | 2/26/2025 9:05  | FINISHED | Wednesday | 0:0      |  |  |  |
| 34 | CMC EDS part 1              | 2/26/2025 9:00  | 2/26/2025 9:00  | FINISHED | Wednesday | 0:0      |  |  |  |

Cut

Copy

Paste

Paste special

Ctrl+X

Ctrl+C

Ctrl+V

+ Insert 1 row above

+ Insert 1 row below

Delete row

# Copy the formulas up to the first event

|    | A                                        | B               | C               | D        | E         | F        |
|----|------------------------------------------|-----------------|-----------------|----------|-----------|----------|
| 1  | Job                                      | Started         | Finished        | Status   | Day       | Duration |
| 2  | Patrons with fines 45 days               | 2/27/2025 11:00 | 2/27/2025 11:00 | FINISHED | Thursday  | 0:00:00  |
| 3  | Adams Student Load                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED | Thursday  | 0:00:00  |
| 4  | Patrons with fines                       | 2/27/2025 10:55 | 2/27/2025 10:55 | FINISHED | Thursday  | 0:00:10  |
| 5  | CMC EDS Update Part 2                    | 2/27/2025 9:05  | 2/27/2025 9:05  | FINISHED | Thursday  | 0:00:19  |
| 6  | CMC EDS part 1                           | 2/27/2025 9:00  | 2/27/2025 9:00  | FINISHED | Thursday  | 0:00:13  |
| 7  | Steamboat Patron Load                    | 2/27/2025 8:55  | 2/27/2025 8:56  | FINISHED | Thursday  | 0:01:06  |
| 8  | Aims patron load                         | 2/27/2025 8:55  | 2/27/2025 9:06  | FINISHED | Thursday  | 0:11:11  |
| 9  | Western EDS daily update part 2 Thursday | 2/27/2025 3:15  | 2/27/2025 3:15  | FINISHED | Thursday  | 0:00:00  |
| 10 | Western EDS Part 1                       | 2/27/2025 3:10  | 2/27/2025 3:10  | FINISHED | Thursday  | 0:00:12  |
| 11 | FLC EDS Part 1                           | 2/27/2025 2:10  | 2/27/2025 2:10  | FINISHED | Thursday  | 0:00:39  |
| 12 | GARCO Bdate load                         | 2/27/2025 2:05  | 2/27/2025 2:05  | FINISHED | Thursday  | 0:00:00  |
| 13 | GARCO Bdate extract                      | 2/27/2025 2:00  | 2/27/2025 2:00  | FINISHED | Thursday  | 0:00:00  |
| 14 | CMU EDS Export Part 2                    | 2/27/2025 1:55  | 2/27/2025 1:56  | FINISHED | Thursday  | 0:00:57  |
| 15 | CMU EDS Export part 1                    | 2/27/2025 1:45  | 2/27/2025 1:47  | FINISHED | Thursday  | 0:02:22  |
| 16 | FLC patron load                          | 2/27/2025 1:30  | 2/27/2025 1:31  | FINISHED | Thursday  | 0:01:43  |
| 17 | CMU Bib Export                           | 2/27/2025 0:10  | 2/27/2025 1:05  | FINISHED | Thursday  | 0:55:16  |
| 18 | CMU Patron Load Job                      | 2/26/2025 23:20 | 2/26/2025 23:25 | FINISHED | Wednesday | 0:05:48  |
| 19 | Eagle School Patrons                     | 2/26/2025 23:00 | 2/26/2025 23:03 | FINISHED | Wednesday | 0:02:55  |
| 20 | FLC review file 2                        | 2/26/2025 22:20 | 2/26/2025 22:20 | FINISHED | Wednesday | 0:00:00  |
| 21 | Bemis student load 2                     | 2/26/2025 22:15 | 2/26/2025 22:16 | FINISHED | Wednesday | 0:00:57  |
| 22 | FLC review file 1                        | 2/26/2025 22:10 | 2/26/2025 22:10 | FINISHED | Wednesday | 0:00:00  |
| 23 | MLN1 Full Export                         | 2/26/2025 20:30 | 2/26/2025 20:30 | FINISHED | Wednesday | 0:00:18  |
| 24 | SD51 Inactive Faculty Load               | 2/26/2025 17:20 | 2/26/2025 17:22 | FINISHED | Wednesday | 0:01:59  |
| 25 | SD51 Active Students Load                | 2/26/2025 17:15 | 2/26/2025 17:23 | FINISHED | Wednesday | 0:08:45  |
| 26 | SD51 Active Faculty Load                 | 2/26/2025 17:10 | 2/26/2025 17:11 | FINISHED | Wednesday | 0:00:54  |
| 27 | SD51 Inactive Students Load              | 2/26/2025 17:00 | 2/26/2025 17:02 | FINISHED | Wednesday | 0:01:54  |
| 28 | CMC Patron Load                          | 2/26/2025 15:05 | 2/26/2025 15:05 | FINISHED | Wednesday | 0:00:00  |
| 29 | Patrons with fines 45 days               | 2/26/2025 11:00 | 2/26/2025 11:00 | FINISHED | Wednesday | 0:00:00  |

# Now you can FILTER!

| A1  | ▼                | fx             | Job            |          |           |          |
|-----|------------------|----------------|----------------|----------|-----------|----------|
|     | A                | B              | C              | D        | E         | F        |
| 1   | Job              | Started        | Finished       | Status   | Day       | Duration |
| 8   | Aims patron load | 2/27/2025 8:55 | 2/27/2025 9:06 | FINISHED | Thursday  | 0:11:11  |
| 35  | Aims patron load | 2/26/2025 8:55 | 2/26/2025 9:05 | FINISHED | Wednesday | 0:10:34  |
| 59  | Aims patron load | 2/25/2025 8:55 | 2/25/2025 9:06 | FINISHED | Tuesday   | 0:11:01  |
| 89  | Aims patron load | 2/24/2025 8:55 | 2/24/2025 8:55 | FINISHED | Monday    | 0:00:10  |
| 116 | Aims patron load | 2/23/2025 8:55 | 2/23/2025 8:55 | FINISHED | Sunday    | 0:00:10  |
| 141 | Aims patron load | 2/22/2025 8:55 | 2/22/2025 9:05 | FINISHED | Saturday  | 0:10:35  |
| 165 | Aims patron load | 2/21/2025 8:55 | 2/21/2025 9:05 | FINISHED | Friday    | 0:10:40  |
| 192 | Aims patron load | 2/20/2025 8:55 | 2/20/2025 9:05 | FINISHED | Thursday  | 0:10:45  |
| 219 | Aims patron load | 2/19/2025 8:55 | 2/19/2025 9:06 | FINISHED | Wednesday | 0:10:58  |
| 246 | Aims patron load | 2/18/2025 8:55 | 2/18/2025 9:05 | FINISHED | Tuesday   | 0:10:44  |
| 277 | Aims patron load | 2/17/2025 8:55 | 2/17/2025 8:55 | FINISHED | Monday    | 0:00:10  |
| 303 | Aims patron load | 2/16/2025 8:55 | 2/16/2025 8:55 | FINISHED | Sunday    | 0:00:10  |
| 329 | Aims patron load | 2/15/2025 8:55 | 2/15/2025 9:05 | FINISHED | Saturday  | 0:10:34  |
| 373 | Aims patron load | 2/13/2025 8:55 | 2/13/2025 9:05 | FINISHED | Thursday  | 0:10:38  |
| 400 | Aims patron load | 2/12/2025 8:55 | 2/12/2025 9:05 | FINISHED | Wednesday | 0:10:34  |
| 429 | Aims patron load | 2/11/2025 8:55 | 2/11/2025 9:05 | FINISHED | Tuesday   | 0:10:46  |
| 462 | Aims patron load | 2/10/2025 8:55 | 2/10/2025 8:55 | FINISHED | Monday    | 0:00:10  |
| 491 | Aims patron load | 2/9/2025 8:55  | 2/9/2025 8:55  | FINISHED | Sunday    | 0:00:10  |
| 518 | Aims patron load | 2/8/2025 8:55  | 2/8/2025 9:05  | FINISHED | Saturday  | 0:10:12  |
| 544 | Aims patron load | 2/7/2025 8:55  | 2/7/2025 9:05  | FINISHED | Friday    | 0:10:23  |
| 573 | Aims patron load | 2/6/2025 8:55  | 2/6/2025 9:05  | FINISHED | Thursday  | 0:10:42  |
| 592 | Aims patron load | 2/5/2025 8:55  | 2/5/2025 9:06  | FINISHED | Wednesday | 0:10:54  |
| 621 | Aims patron load | 2/4/2025 8:55  | 2/4/2025 9:05  | FINISHED | Tuesday   | 0:10:43  |
| 653 | Aims patron load | 2/3/2025 8:55  | 2/3/2025 8:55  | FINISHED | Monday    | 0:00:10  |
| 681 | Aims patron load | 2/2/2025 8:55  | 2/2/2025 8:55  | FINISHED | Sunday    | 0:00:10  |
| 709 | Aims patron load | 2/1/2025 8:55  | 2/1/2025 9:07  | FINISHED | Saturday  | 0:12:37  |
| 737 | Aims patron load | 1/31/2025 8:55 | 1/31/2025 9:07 | FINISHED | Friday    | 0:12:45  |
| 766 | Aims patron load | 1/30/2025 8:55 | 1/30/2025 9:08 | FINISHED | Thursday  | 0:13:02  |

# And SORT!

| 1   | Job              | Started        | Finished       | Status   | Day       | Duration |
|-----|------------------|----------------|----------------|----------|-----------|----------|
| 8   | Aims patron load | 5/1/2024 8:55  | 5/1/2024 9:10  | FINISHED | Wednesday | 0:15:00  |
| 35  | Aims patron load | 4/17/2024 8:55 | 4/17/2024 9:10 | FINISHED | Wednesday | 0:15:00  |
| 59  | Aims patron load | 4/12/2024 8:55 | 4/12/2024 9:10 | FINISHED | Friday    | 0:15:00  |
| 89  | Aims patron load | 5/23/2024 8:55 | 5/23/2024 9:09 | FINISHED | Thursday  | 0:14:41  |
| 116 | Aims patron load | 5/24/2024 8:55 | 5/24/2024 9:09 | FINISHED | Friday    | 0:14:37  |
| 141 | Aims patron load | 5/21/2024 8:55 | 5/21/2024 9:09 | FINISHED | Tuesday   | 0:14:32  |
| 165 | Aims patron load | 5/7/2024 8:55  | 5/7/2024 9:09  | FINISHED | Tuesday   | 0:14:29  |
| 192 | Aims patron load | 5/11/2024 8:55 | 5/11/2024 9:09 | FINISHED | Saturday  | 0:14:28  |
| 219 | Aims patron load | 5/22/2024 8:55 | 5/22/2024 9:09 | FINISHED | Wednesday | 0:14:27  |
| 246 | Aims patron load | 1/10/2025 8:55 | 1/10/2025 9:09 | FINISHED | Friday    | 0:14:26  |
| 277 | Aims patron load | 5/9/2024 8:55  | 5/9/2024 9:09  | FINISHED | Thursday  | 0:14:26  |
| 303 | Aims patron load | 5/29/2024 8:55 | 5/29/2024 9:09 | FINISHED | Wednesday | 0:14:23  |
| 329 | Aims patron load | 5/10/2024 8:55 | 5/10/2024 9:09 | FINISHED | Friday    | 0:14:22  |
| 373 | Aims patron load | 5/14/2024 8:55 | 5/14/2024 9:09 | FINISHED | Tuesday   | 0:14:19  |
| 400 | Aims patron load | 5/17/2024 8:55 | 5/17/2024 9:09 | FINISHED | Friday    | 0:14:18  |
| 429 | Aims patron load | 8/29/2024 8:55 | 8/29/2024 9:09 | FINISHED | Thursday  | 0:14:14  |
| 462 | Aims patron load | 5/25/2024 8:55 | 5/25/2024 9:09 | FINISHED | Saturday  | 0:14:11  |
| 491 | Aims patron load | 5/16/2024 8:55 | 5/16/2024 9:09 | FINISHED | Thursday  | 0:14:07  |
| 518 | Aims patron load | 5/28/2024 8:55 | 5/28/2024 9:09 | FINISHED | Tuesday   | 0:14:04  |
| 544 | Aims patron load | 5/18/2024 8:55 | 5/18/2024 9:09 | FINISHED | Saturday  | 0:14:03  |
| 573 | Aims patron load | 5/8/2024 8:55  | 5/8/2024 9:09  | FINISHED | Wednesday | 0:14:02  |
| 592 | Aims patron load | 4/26/2024 8:55 | 4/26/2024 9:09 | FINISHED | Friday    | 0:14:00  |
| 621 | Aims patron load | 4/23/2024 8:55 | 4/23/2024 9:09 | FINISHED | Tuesday   | 0:14:00  |
| 653 | Aims patron load | 4/20/2024 8:55 | 4/20/2024 9:09 | FINISHED | Saturday  | 0:14:00  |
| 681 | Aims patron load | 4/19/2024 8:55 | 4/19/2024 9:09 | FINISHED | Friday    | 0:14:00  |
| 709 | Aims patron load | 4/18/2024 8:55 | 4/18/2024 9:09 | FINISHED | Thursday  | 0:14:00  |
| 737 | Aims patron load | 4/16/2024 8:55 | 4/16/2024 9:09 | FINISHED | Tuesday   | 0:14:00  |
| 766 | Aims patron load | 4/13/2024 8:55 | 4/13/2024 9:09 | FINISHED | Saturday  | 0:14:00  |

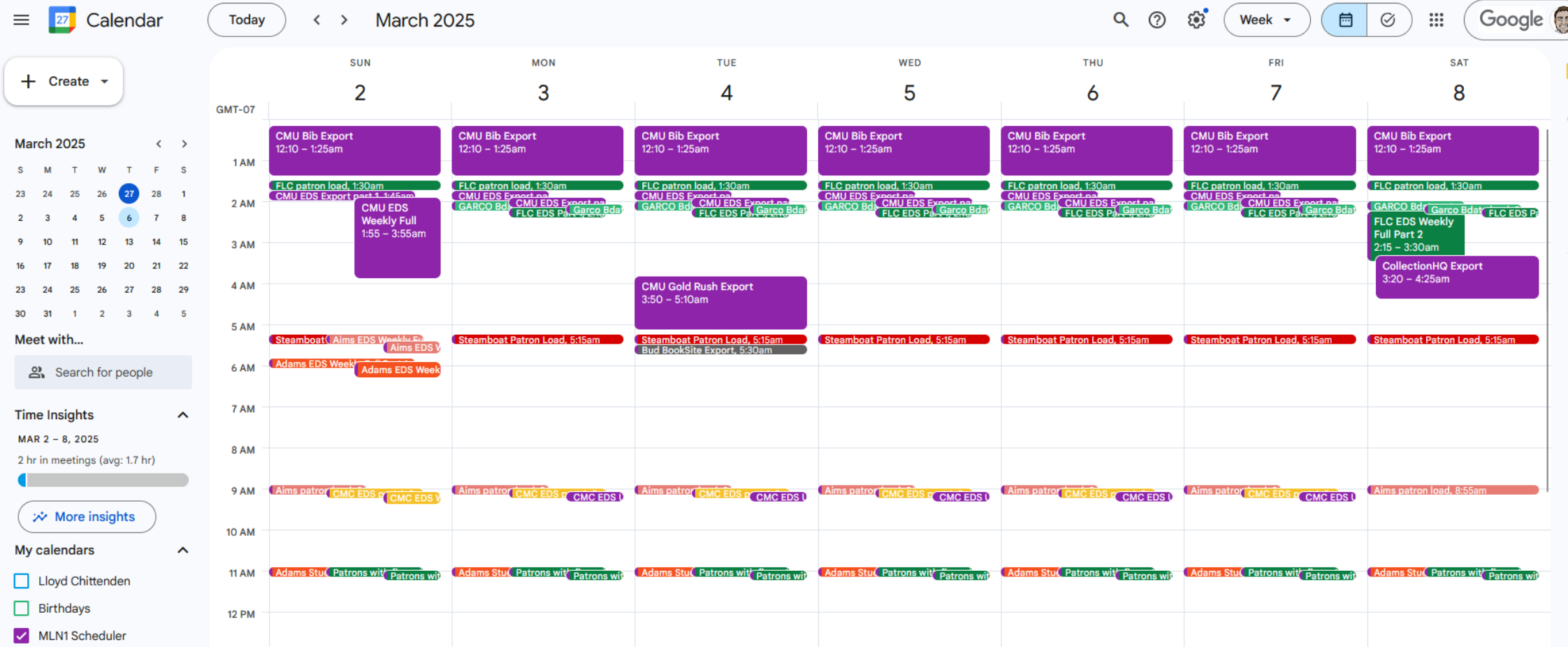
# Find errors

| 1    | Job                         | Started         | Finished        | Status  | Day       | Duration |
|------|-----------------------------|-----------------|-----------------|---------|-----------|----------|
| 777  | Eagle School Patrons        | 1/29/2025 23:00 | 1/29/2025 23:02 | FAILED  | Wednesday | 0:02:30  |
| 779  | Bemis student load 2        | 1/29/2025 22:15 | 1/29/2025 22:17 | FAILED  | Wednesday | 0:02:41  |
| 782  | SD51 Inactive Faculty Load  | 1/29/2025 17:20 | 1/29/2025 17:24 | FAILED  | Wednesday | 0:04:36  |
| 783  | SD51 Active Students Load   | 1/29/2025 17:15 | 1/29/2025 17:19 | FAILED  | Wednesday | 0:04:24  |
| 784  | SD51 Active Faculty Load    | 1/29/2025 17:10 | 1/29/2025 17:15 | FAILED  | Wednesday | 0:05:01  |
| 785  | SD51 Inactive Students Load | 1/29/2025 17:00 | 1/29/2025 17:05 | FAILED  | Wednesday | 0:04:51  |
| 786  | Summt OneCard Staff         | 1/29/2025 15:55 | 1/29/2025 15:58 | FAILED  | Wednesday | 0:02:50  |
| 787  | Summt OneCard Student       | 1/29/2025 15:50 | 1/29/2025 15:53 | FAILED  | Wednesday | 0:02:52  |
| 1010 | SD51 Inactive Faculty Load  | 1/21/2025 17:20 | 1/21/2025 17:20 | FAILED  | Tuesday   | 0:00:00  |
| 1011 | SD51 Active Students Load   | 1/21/2025 17:15 | 1/21/2025 17:15 | FAILED  | Tuesday   | 0:00:00  |
| 1012 | SD51 Active Faculty Load    | 1/21/2025 17:10 | 1/21/2025 17:10 | FAILED  | Tuesday   | 0:00:00  |
| 1013 | SD51 Inactive Students Load | 1/21/2025 17:00 | 1/21/2025 17:00 | FAILED  | Tuesday   | 0:00:00  |
| 4831 | CMC EDS Update Part 2       | 8/29/2024 14:10 | 8/29/2024 14:59 | FAILED  | Thursday  | 0:49:25  |
| 5249 | Bemis Student Load          | 8/12/2024 22:00 |                 | UNKNOWN | Monday    |          |
| 5771 | SD51 Active Students Load   | 7/22/2024 17:15 | 7/22/2024 17:15 | FAILED  | Monday    | 0:00:00  |
| 5876 | SD51 Active Students Load   | 7/18/2024 17:15 | 7/18/2024 17:15 | FAILED  | Thursday  | 0:00:00  |
| 6792 | Eagle School Patrons        | 6/11/2024 23:00 | 6/11/2024 23:00 | FAILED  | Tuesday   | 0:00:00  |
| 7490 | Bemis student load 2        | 5/12/2024 22:15 | 5/12/2024 22:15 | FAILED  | Sunday    | 0:00:00  |
| 7513 | Bemis student load 2        | 5/11/2024 22:15 | 5/11/2024 22:15 | FAILED  | Saturday  | 0:00:00  |
| 7536 | Bemis student load 2        | 5/10/2024 22:15 | 5/10/2024 22:15 | FAILED  | Friday    | 0:00:00  |
| 7558 | Bemis student load 2        | 5/9/2024 22:15  | 5/9/2024 22:15  | FAILED  | Thursday  | 0:00:00  |
| 8261 |                             |                 |                 |         |           |          |

# And keep the data as long as you want

|      | A                          | B              | C              | D        | E       | F        |
|------|----------------------------|----------------|----------------|----------|---------|----------|
| 1    | Job                        | Started        | Finished       | Status   | Day     | Duration |
| 8229 | CMU BID Export             | 4/2/2024 0:10  | 4/2/2024 1:15  | FINISHED | Tuesday | 1:05:00  |
| 8230 | CMU Patron Load Job        | 4/1/2024 23:20 | 4/1/2024 23:27 | FINISHED | Monday  | 0:07:00  |
| 8231 | Eagle School Patrons       | 4/1/2024 23:00 | 4/1/2024 23:03 | FINISHED | Monday  | 0:03:00  |
| 8232 | FLC review file 2          | 4/1/2024 22:20 | 4/1/2024 22:20 | FINISHED | Monday  | 0:00:00  |
| 8233 | FLC review file 1          | 4/1/2024 22:10 | 4/1/2024 22:10 | FINISHED | Monday  | 0:00:00  |
| 8234 | Bemis Student Load         | 4/1/2024 22:00 | 4/1/2024 22:08 | FINISHED | Monday  | 0:08:00  |
| 8235 | VuFind full Export         | 4/1/2024 20:30 | 4/1/2024 20:30 | FINISHED | Monday  | 0:00:00  |
| 8236 | SD51 Inactive Faculty Load | 4/1/2024 17:20 | 4/1/2024 17:22 | FINISHED | Monday  | 0:02:00  |
| 8237 | SD51 Active Students Load  | 4/1/2024 17:15 | 4/1/2024 17:25 | FINISHED | Monday  | 0:10:00  |
| 8238 | SD51 Active Faculty Load   | 4/1/2024 17:10 | 4/1/2024 17:11 | FINISHED | Monday  | 0:01:00  |
| 8239 | CMC Patron Load            | 4/1/2024 13:40 | 4/1/2024 13:44 | FINISHED | Monday  | 0:04:00  |
| 8240 | Steamboat Patron Load      | 4/1/2024 11:25 | 4/1/2024 11:26 | FINISHED | Monday  | 0:01:00  |
| 8241 | Patrons with fines 45 days | 4/1/2024 11:00 | 4/1/2024 11:00 | FINISHED | Monday  | 0:00:00  |
| 8242 | Patrons with fines         | 4/1/2024 10:55 | 4/1/2024 10:55 | FINISHED | Monday  | 0:00:00  |
| 8243 | Aims patron load           | 4/1/2024 8:55  | 4/1/2024 8:55  | FINISHED | Monday  | 0:00:00  |
| 8244 | Adams Student Load         | 4/1/2024 3:00  | 4/1/2024 3:02  | FINISHED | Monday  | 0:02:00  |
| 8245 | CMU EDS Export Part 2      | 4/1/2024 3:00  | 4/1/2024 3:01  | FINISHED | Monday  | 0:01:00  |
| 8246 | CMU EDS Export part 1      | 4/1/2024 2:50  | 4/1/2024 2:52  | FINISHED | Monday  | 0:02:00  |
| 8247 | Aims EDS Part 2            | 4/1/2024 2:45  | 4/1/2024 2:45  | FINISHED | Monday  | 0:00:00  |
| 8248 | Aims EDS Part 1            | 4/1/2024 2:40  | 4/1/2024 2:40  | FINISHED | Monday  | 0:00:00  |
| 8249 | GARCO Bdate load           | 4/1/2024 1:10  | 4/1/2024 1:10  | FINISHED | Monday  | 0:00:00  |
| 8250 | MCP Kiosk Payments         | 4/1/2024 1:05  | 4/1/2024 1:05  | FINISHED | Monday  | 0:00:00  |
| 8251 | FLC patron load            | 4/1/2024 1:00  | 4/1/2024 1:03  | FINISHED | Monday  | 0:03:00  |
| 8252 | GARCO Bdate extract        | 4/1/2024 1:00  | 4/1/2024 1:00  | FINISHED | Monday  | 0:00:00  |
| 8253 | MCP Adult Patrons          | 4/1/2024 1:00  | 4/1/2024 1:00  | FINISHED | Monday  | 0:00:00  |
| 8254 | CMU Bib Export             | 4/1/2024 0:10  | 4/1/2024 1:16  | FINISHED | Monday  | 1:06:00  |
| 8255 |                            |                |                |          |         |          |

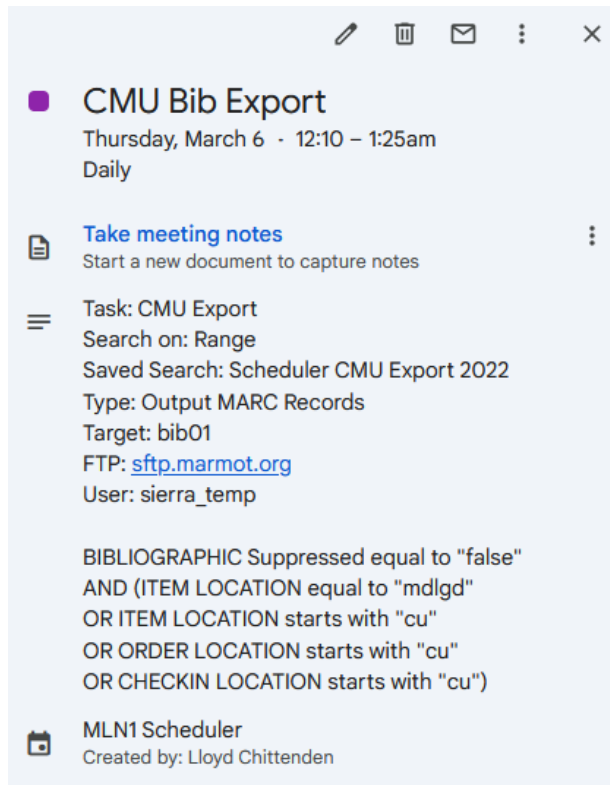
# Second Work Around – Google Calendar





# Google Calendar process

- Create separate Google Calendar for Scheduler
- Create recurring events for Scheduler jobs



- Job name
- Start and End Time
- Recurrence
- Task name
- Search on Review File number
- Saved Search name
- Target Review File
- FTP info
- Details of Saved Search



## Why bother? That's a lot of work.

- Too many scheduler jobs at the same time will fail
  - They don't have to start at the same time, if one is still running while others start, you can get too many
- Scheduler tasks often need very large lists, and we don't have many of them
  - We try to use the same lists for many different large jobs, or we would have all our large lists reserved for scheduler
- It puts all the info about a job in one place
- Answers the question “Can I do a test right now or will that interfere with something?”



# THANK YOU

Questions?