A monthly worklog report within Confluence

Today's project: create a Confluence report that shows hours logged for all users in a given month. Let the user specify the year/month in question, and optionally filter the set of reported users:

Monthly Worklogs Report

Created by Jeff Turner, last modified 13 minutes ago

Number of hours worked, per day, in a given year/month. Per ☑ IT-13760 - Create JIRA query IN PROGRESS

Year	2019
Month	11
Email Address Regex:	jeff@redradishtech

Run   Refresh the cache

...	user_name	email_address	year	month	month_total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	jeff@redradishtech.com	jeff@redradishtech.com	2019	11	51.87	2.02	0	0.75	0	1.33	0.37	0	0	0	4.72	7.05	7.60	2.62	1.03	0	0.35	0	0.77	3.95	1.63	3.57
2	jturner		jeff@redradishtech.com	2019	11	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

This report shows hours for _all_ users even if they haven't logged any this month, which is something Tempo's reports can't do.

Implementation

I have expanded on the implementation in a KB article, Creating interactive Jira reports in Confluence using free tools