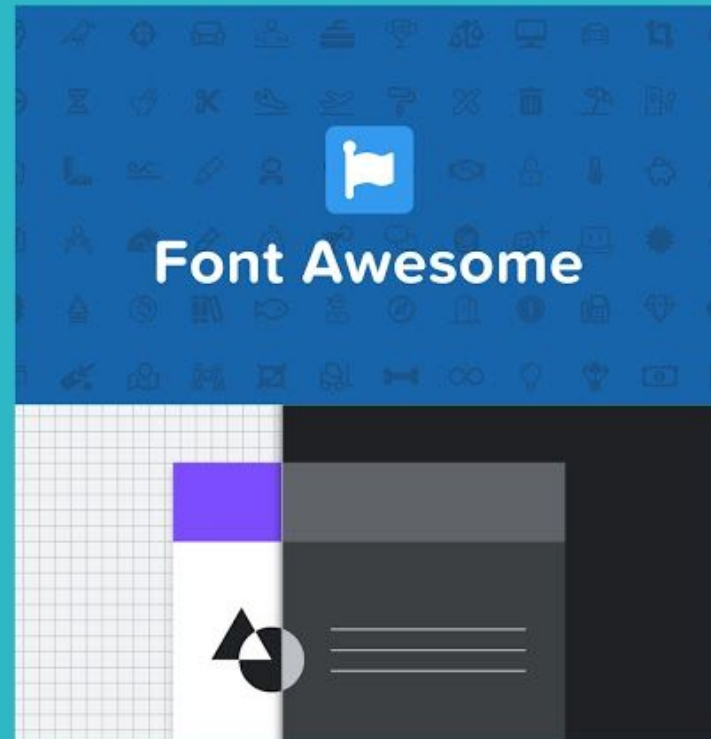


Redesign LastLog



Request

- design proposal
- rough effort estimate broken down into individual work packages

Specification

- modern age design
- additional useful filter functionality for parameters
- include ideas from the Atlassian Guideline

Current state

The current design is functional and describes its functionality in words. To use the tool, the user will find it difficult to operate it in an intuitive way. Introducing icons, familiar input methods, highlighting and colors will help guide the user with less text. Large areas of white space on the upper right side can be used to expand the interactable zone and makes the form look less cramped.

LastLog

max entries

search for string

exclude filter

more options ☐ search by regular expression ☐ case sensitive ☐ reverse output

log-file

```
2020-09-29 11:06:07,921+0200 http-nio-8080-exec-25 DEBUG u.chojetzki 666x7951083x1 1ye5ypi 80.146.191.220,172.16.4.122 /rest/tempo-timesheets/4/timesheet-approval/api
SELECT "ID","USER_KEY","ACTOR_KEY","REVIEWER_KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD_VIEW","REASON","SUBMITTED_TIME","REQUIRED_TI
public."AO_86ED1B_TIMESHEET_APPROVAL" WHERE (("USER_KEY" IN (??)) AND ("DATE_FROM" >= ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC
2020-09-29 11:06:07,883+0200 http-nio-8080-exec-25 DEBUG u.chojetzki 666x7951083x1 1ye5ypi 80.146.191.220,172.16.4.122 /rest/tempo-timesheets/4/timesheet-approval/api
SELECT "ID","USER_KEY","ACTOR_KEY","REVIEWER_KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD_VIEW","REASON","SUBMITTED_TIME","REQUIRED_TI
public."AO_86ED1B_TIMESHEET_APPROVAL" WHERE (("USER_KEY" IN (??)) AND ("DATE_FROM" >= ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC
2020-09-29 11:06:07,815+0200 http-nio-8080-exec-25 DEBUG u.chojetzki 666x7951083x1 1ye5ypi 80.146.191.220,172.16.4.122 /rest/tempo-timesheets/4/timesheet-approval/api
SELECT "ID","USER_KEY","ACTOR_KEY","REVIEWER_KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD_VIEW","REASON","SUBMITTED_TIME","REQUIRED_TI
public."AO_86ED1B_TIMESHEET_APPROVAL" WHERE (("USER_KEY" IN (??)) AND ("DATE_FROM" >= ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC
2020-09-29 11:06:07,697+0200 http-nio-8080-exec-14 DEBUG u.chojetzki 666x7951082x1 1ye5ypi 80.146.191.220,172.16.4.122 /rest/tempo-timesheets/4/worklogs/307521/ {n.j
"ID","WORKLOG_ID","WORK_ATTRIBUTE_ID","NUMERIC_VALUE","VALUE" FROM public."AO_013613_WA_VALUE" WHERE (("WORKLOG_ID" = ?))
```

Proposals

The screenshot displays the Jira Admin interface, specifically the 'Search settings' configuration page. The interface is divided into several sections:

- Top Navigation Bar:** Includes the 'DECADIS APPS' logo, navigation links for Dashboards, Projects, Issues, Boards, xPort, Charts, and a 'Create' button. A search bar is also present.
- Left Sidebar:** Contains navigation links for Applications, Projects, Issues, Manage apps (active), User management, Latest upgrade report, and System. Below these are sections for ATlassian Marketplace, Activity Notification, Jira Workflow Toolbox, Admin Toolbox, and LastLog-Add-on.
- Main Content Area:**
 - Search settings:** A section with a search bar (labeled 2) and a dropdown menu (labeled 4) set to 'atlassian-jira.log' (labeled 7). It includes an 'Advanced search' section with 'Include filter...' (labeled 5) and 'Exclude filter...' (labeled 3) options. A blue 'Apply filter' button (labeled 8) is at the bottom.
 - Log Preview:** A section showing a log entry (labeled 15) with a timestamp '2020-09-29 11:06:07,921+0200' and a URL. The log entry contains a SQL query: `SELECT "/D","USER_KEY","ACTOR-KEY","REVIEWER KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD VIEW","REASON","SUBMITTED_TIME","REQUIRED_TIME","DATE_CREATED" FROM public."A0_86ED1B_TIMESHEET APPROVAL" WHERE (("USER_KEY" IN (?) AND ("DATE_FROM" > ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC`. The log entry is numbered 1.

1. Max entries have been removed and replaced with pagination. This ensures that data is always loaded with a reasonable response time.

Pagination component from Atlassian Design System.

2. Has been moved to the first position because it is the most important field and the user may not want to bother changing the other fields.

Text Field component from the Atlassian Design System.

3. In addition to the exclude filter, there is now an include filter that allows more detailed searching without relying on regex.

Custom component colors that are adjusted according to the text field component.
Inspired by Google's Material Design.

4. The regex search can now be toggled in the text field itself.

Inspired by VS-Code.

5. The case sensitivity can now be toggled in the text field itself.

Inspired by VS-Code.

6. Since the reverse input affects the already searched and filtered text, it has been moved to the log view.

Uses Font Awesome.

7. The logfile selector has moved next to the search field. It affects everything in this view tremendously, which is why it has moved to the top and is now on the same level as the search field.

Select component from the Atlassian Design System.

8. The button has not changed significantly. The button name has been capitalized for better readability.

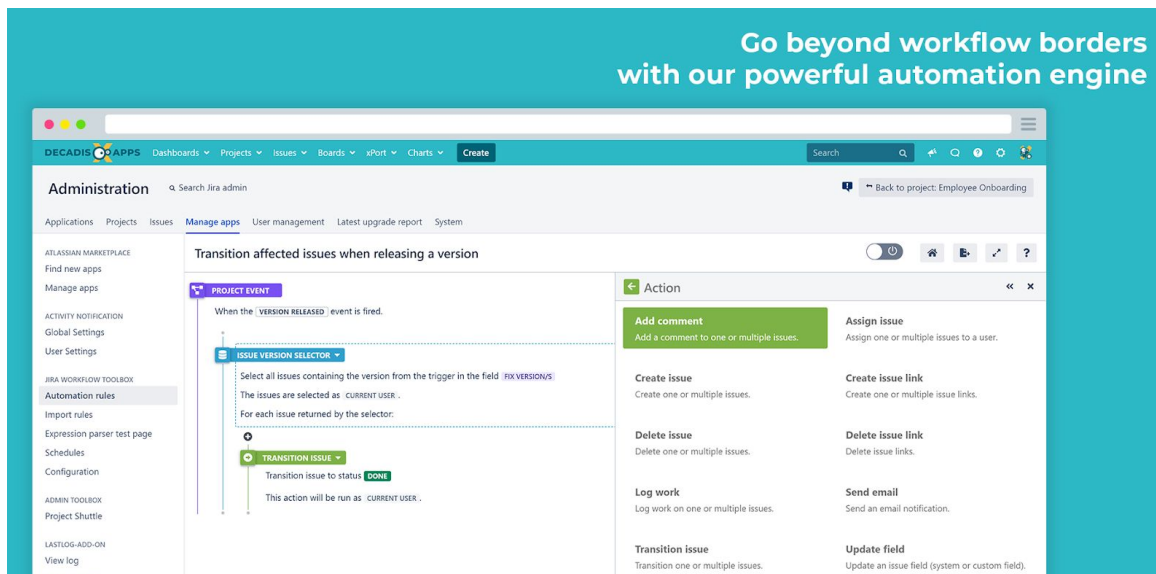
Button component from the Atlassian Design System.

9. Since reloading is not a filter function and can be useful in the log view, it has been moved to the log view.

Uses Font Awesome

10. To take advantage of the large (desktop) display, the log is now displayed on the right side and can be expanded by collapsing the search settings. This gives the user more space to focus on the logs.

Design and function adapted from the following screenshot. The close icon was removed, the entire component was moved to the left side, the title was renamed, the icon was changed and the content was replaced.



11. A new feature is saving the current search. It will be reopened as it was saved as soon as this page is visited again.

Uses Font Awesome

12. For administrators who like to use their own code editors, it will now be possible to download the filtered log data directly from this view.

Uses Font Awesome

13. Since the current state is saved, there should be a way to restore the default state. The trash can does just that.

Uses Font Awesome

14. One filter is nice, but what if you could add as many as you need? This feature helps filter more complex logs.

Implementation of Google's Material Designs Chips.

15. In the current view, reading the log data was really difficult and not an easy task. Finding something becomes much easier by coloring the sections in different colors, increasing the font size, line height and letter spacing.

Another feature that could be added is highlighting the search results.

```
ED" FROM public."A0_86ED1B_TIMESHEET_APPROVAL" WHERE (("USER_KEY" IN (?) AND  
("DATE_FROM" > ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC
```

```
2020-09-29 11:06:07,921+0200 http-nio-8080-exec-25 DEBUG u.chojetzki  
666x7951083x1 [yeSypI80.146.191.220,172.16.4.122/zest/tempo-timesheets/4/-  
timesheet-approval/approval-statuses {n.java.ao.sql}] SELECT "/D","USER_KEY","ACTOR-
```

Results

DECADIS

APPS

Dashboards

Projects

Issues

Boards

xPort

Charts

Create

Search

LastLog

Search Jira admin

Back to project: Employee Onboarding

Applications

Projects

Issues

Manage apps

User management

Latest upgrade report

System

ATLASSIAN MARKETPLACE

Find new apps

Manage apps

ACTIVITY NOTIFICATION

Global Settings

User Settings

JIRA WORKFLOW TOOLBOX

Schedules

Import rules

Expression parser test page

Schedules

Configuration

ADMIN TOOLBOX

Project Shuttle

LASTLOG-ADD-ON

View log

Thread Dump

Search settings

Search

Search for string

Aa

*

Logs

atlassian-jira.log

Advanced search

Include filter...

2020-09-29

Exclude filter...

demo

test environment

Apply filter

OD_TYPE","PERIOD VIEW","REASON","SUBMITTED_TIME","REQUIRED_TIME","DATE_CREATED" FROM public."A0_86ED1B_TIMESHEET APPROVAL" WHERE ((("USER_KEY" IN (?) AND ("DATE_FROM" > ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC

2020-09-29 11:06:07,921+0200 http-nio-8080-exec-25 DEBUG u.chojetzki 666x7951083x1 lye5ypi80.146.191.220,172.16.4.122/zest/tempo-timesheets/4/-timesheet-approval/approval-statuses (n.java.ao.sql] SELECT "/D","USER_KEY","ACTOR-KEY","REVIEWER KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD VIEW","REASON","SUBMITTED_TIME","REQUIRED_TIME","DATE_CREATED" FROM public."A0_86ED1B_TIMESHEET APPROVAL" WHERE ((("USER_KEY" IN (?) AND ("DATE_FROM" > ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC

2020-09-29 11:06:07,921+0200 http-nio-8080-exec-25 DEBUG u.chojetzki 666x7951083x1 lye5ypi80.146.191.220,172.16.4.122/zest/tempo-timesheets/4/-timesheet-approval/approval-statuses (n.java.ao.sql] SELECT "/D","USER_KEY","ACTOR-KEY","REVIEWER KEY","STATUS","PERIOD","DATE_FROM","DATE_TO","ACTION","PERIOD_TYPE","PERIOD VIEW","REASON","SUBMITTED_TIME","REQUIRED_TIME","DATE_CREATED" FROM public."A0_86ED1B_TIMESHEET APPROVAL" WHERE ((("USER_KEY" IN (?) AND ("DATE_FROM" > ?) AND ("DATE_FROM" < ?)) ORDER BY "ID" DESC

C

↑

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1

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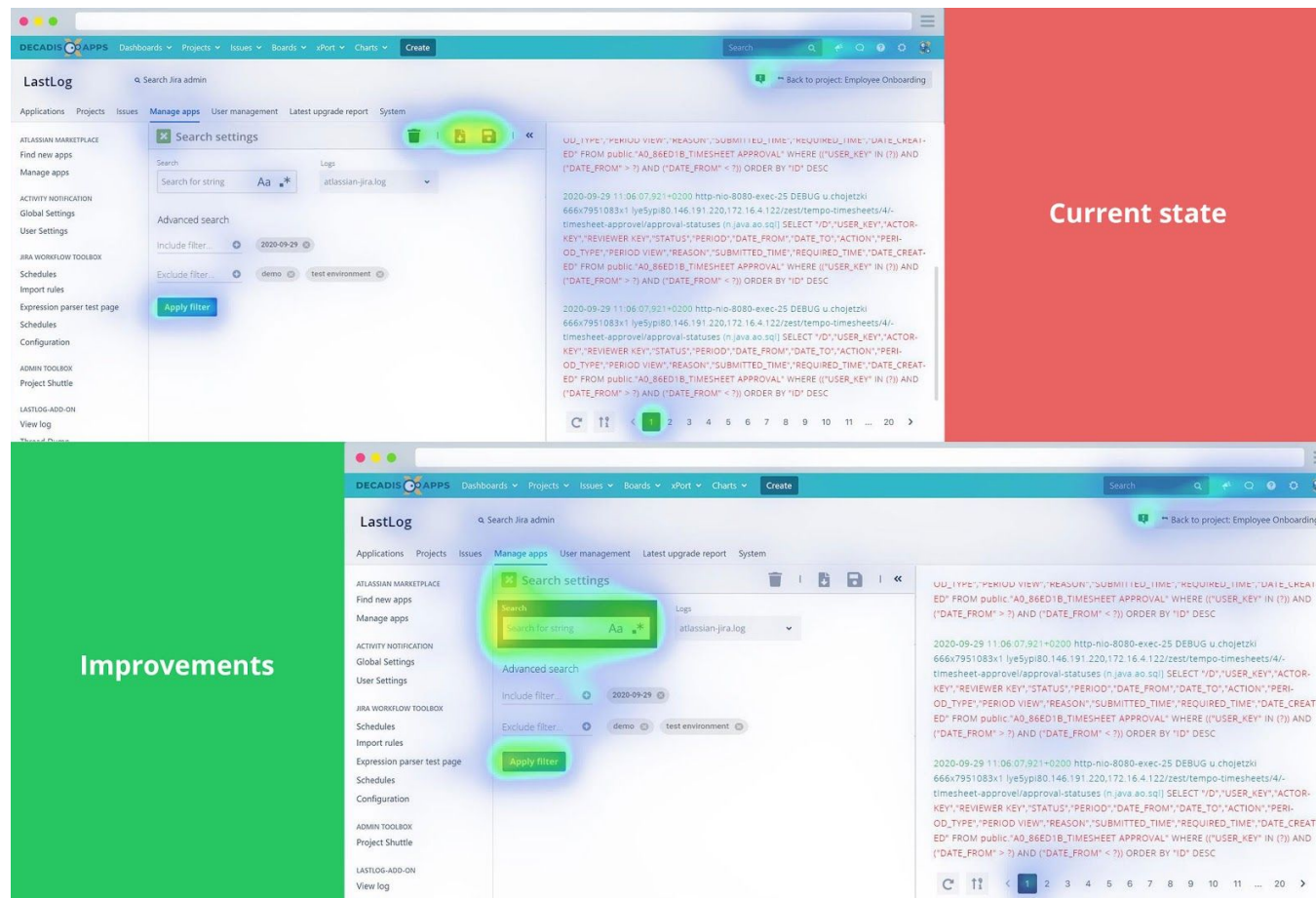
...

20

>

Additional non-standard improvements

AI heatmap data shows an initial focus on the icons in the search settings bar. Some non-standard improvements may shift more focus to the first text field.



Time estimates

This is an estimate based on the assumption that I have access to the Atlassian components.

Task	Description	Estimate	Variable
Analyze current data origins and storage options.	Currently, the data seems to be loaded directly from a file. It might be possible to query the data in chunks. This would significantly increase the performance of this page and thus improve the user experience. Also, a storage option is needed to save the current state.	16h	50%
Log data access	Preparing and implementing a solution for the log data stream used in pagination.	16h	50%

Implementation and preparation of data for searching, filtering and visualization.	In order to have a powerful search engine, a library like fusejs can be used. Filtering can be done via regex. For visualization the monaco-editor can be used (The implementation will be done at a later stage). Preparation for visualization.	32h	100%
Development of the UI design and implementation of the UI functionality.	Creating the layout, inserting existing Atlassian control elements, texts and icons. Customization of the search text field for the regex and the case sensitive activation. Integration of the material design chips into the existing Atlassian framework. Setup of the minimization functionality of the left side.	16h	50%

Linking functions to UI.	Linking filter and search functions, regex, case sensitivity, log selection to the user interface.	4h	100%
Implement save, delete, download, reload and reorder functionality and linking it to the UI.	Deletion of the current state. Downloading the filtered data. Reloading the filtered data. Toggle the reordering of the data by time and date.	8h	50%
Implementation of the Monaco editor.	Adding a non-editable Monaco editor. Implement search result highlighting, modify syntax coloring.	16h	100%
Adding pagination functionality	Connection of the pagination component to the log data stream.	8h	50%

Testing	<p>Writing tests for newly developed components.</p> <p>Testing functionality as a user.</p>	16h	50%
Documentation	Documenting newly developed components. Documenting the view UI and functionality.	16h	50%
Total	First, the total number of hours is given with the estimated number of hours, and then a version where problems occurred at each step of development.	148h	248h