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# openEQUELLA Features Guide

*Version 2018.2*

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#### Document History

Date	Change	Responsible
18/12/2018	DRAFT published for RC	CF
21/12/2018	Published for oEQ 2018.2 release	CF

December 2018 edition.

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## Table of Contents

openEQUELLA 2018.2 features overview .....	4
Important note regarding facet configuration .....	4
Usage counts .....	5
New ACL for usage counts .....	5
View Summary page Views counts .....	5
View Attachment view counts .....	6
Smart vs Normal logging .....	7
Streamlined EQUELLA Resource attachments .....	8
Set Skip checkout page option .....	8
Attach openEQUELLA Resources with new option selected .....	9
Course Selector .....	11
HTTP Referrers .....	12
Theme Editor .....	13
Accessing the Theme Editor .....	13
Applying a Colour Scheme .....	14
Colour Scheme settings .....	14
Colour Scheme components .....	16
Logo Settings .....	20

## openEQUELLA 2018.2 features overview

This guide provides an overview of the features released in openEQUELLA 2018.2.

The following features are included:

- **Views counts for summary pages and attachments** – Views counts can now be displayed for summary pages and attachments. See [Usage counts](#) on page 5.
- **Streamlined process for attaching EQUELLA resources during contribution** – an option to remove a number of dialogs during the selection of EQUELLA resources during contribution has been added. See [Streamlined EQUELLA Resource attachments](#) on page 8.
- **Course selector updated across EQUELLA** – the course selector has been updated to allow searching of Title, Code and Description with a scrollable list. See [Course Selector](#) on page 11.
- **HTTP Referrers added to log** – HTTP referrers are now captured in the audit log to enable identification of an item's LMS usage.
- **Theme Editor** – a new Theme Editor is available to apply colour schemes to the new UI template and search page components and to upload logos. See [Theme Editor](#) on page 12.

### *Important note regarding facet configuration*

In openEQUELLA 6.6, when enabling the new Search UI page prototype, a simple facet search editor enabled configuration of facet searches. Due to the further development of the new Search UI and the creation of APIs for facets, openEQUELLA 2018.2 no longer has the facet search editor available.

Additionally, if facets were configured in your openEQUELLA 6.6 Search UI, upgrading to openEQUELLA 2018.2 will result in those facets no longer displaying on the new Search UI page. However, facets can be re-configured or created using REST APIs. It is expected that a user-friendly Search UI Editor that will enable the configuration of default search pages including facets will be included in our next release.

# Usage counts

Suitably privileged users can view usage counts for both summary pages and attachments.

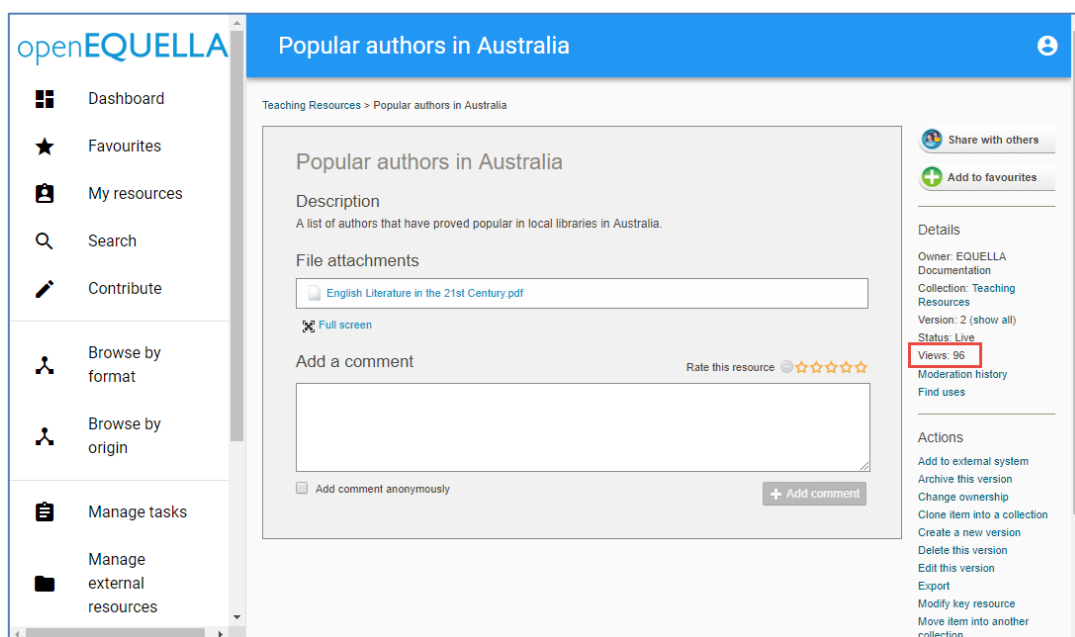
*NOTE: Counts start accumulating once the system is upgraded to openEQUELLA 2018.2.*

## New ACL for usage counts

Users with the new ACL **VIEW\_VIEWCOUNT** granted will be able to see the new view counts displayed for each item and attachment.

## View Summary page Views counts

The Summary page **Views** count displays in the *Details* section of an item summary page for users with the new VIEW\_VIEWCOUNT privilege granted. An example is shown in Figure 1.

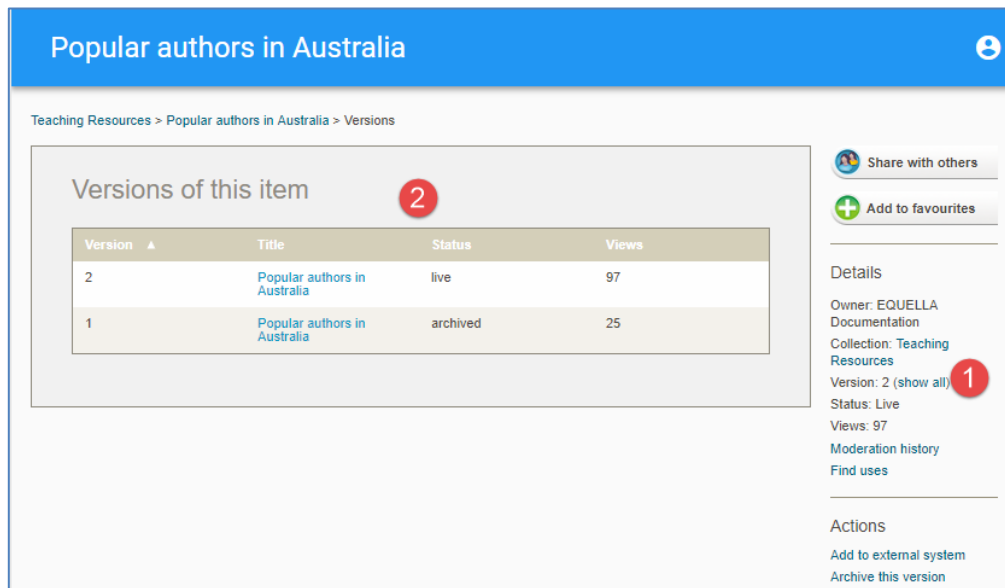


**Figure 1 Summary page view count**

The **Views** count shows the total number of views for the currently opened version of the item. The number of views for each version of an item can also be viewed.

### To view the Views counts for all item versions

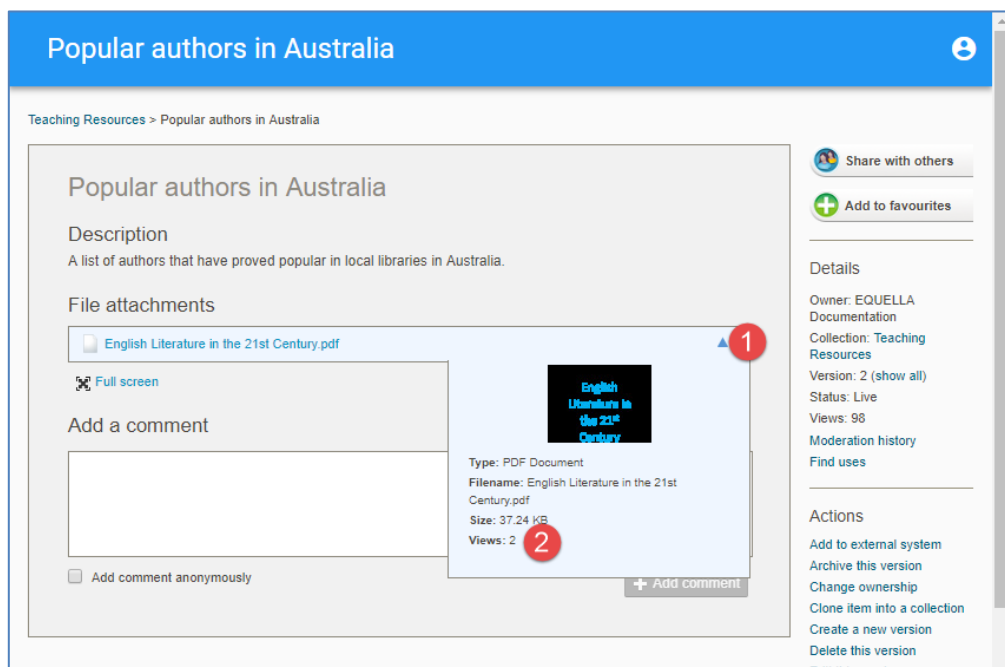
1. Open the required item's Summary page.
2. Click the **show all** link in the *Details* section, next to the *Version* number. The **Versions of this item** page displays, showing the **Views** for each version. An example is shown in Figure 2.



**Figure 2 Versions of this item - Views count**

## View Attachment view counts

Attachment view counts display in the attachment drop-down for each attachment for users with the new VIEW\_VIEWCOUNT privilege granted. An example is shown in Figure 3.



**Figure 3 Attachment view count**

## ***Smart vs Normal logging***

Logging type (SMART or NORMAL) can be set in the *mandatory.properties* file. Setting SMART logging allows usage counts to occur per session rather than each time a user opens a summary page or an attachment.

For example, if SMART logging is set, when a specific item summary page is opened multiple times by a user in one session, the count will only go up by 1. If NORMAL logging is set, the count will increase by one each time the user opens that item's summary page during that session.

# Streamlined EQUELLA Resource attachments

When selecting existing EQUELLA resources as attachments for an item, an option has been added to reduce the number of pages that display during the process. Removing these pages provides a more streamlined experience for contributors.

## Set Skip checkout page option

A new option to **Skip checkout page** displays on the Attachments page in the Collection Definition Editor.

### To set the 'Skip checkout page' option

1. Open the **Collection Definition Editor** for the relevant collection from the Administration Console.
2. From the *Wizard* tab, select the relevant **File attachment** wizard control. An example is shown in Figure 4.

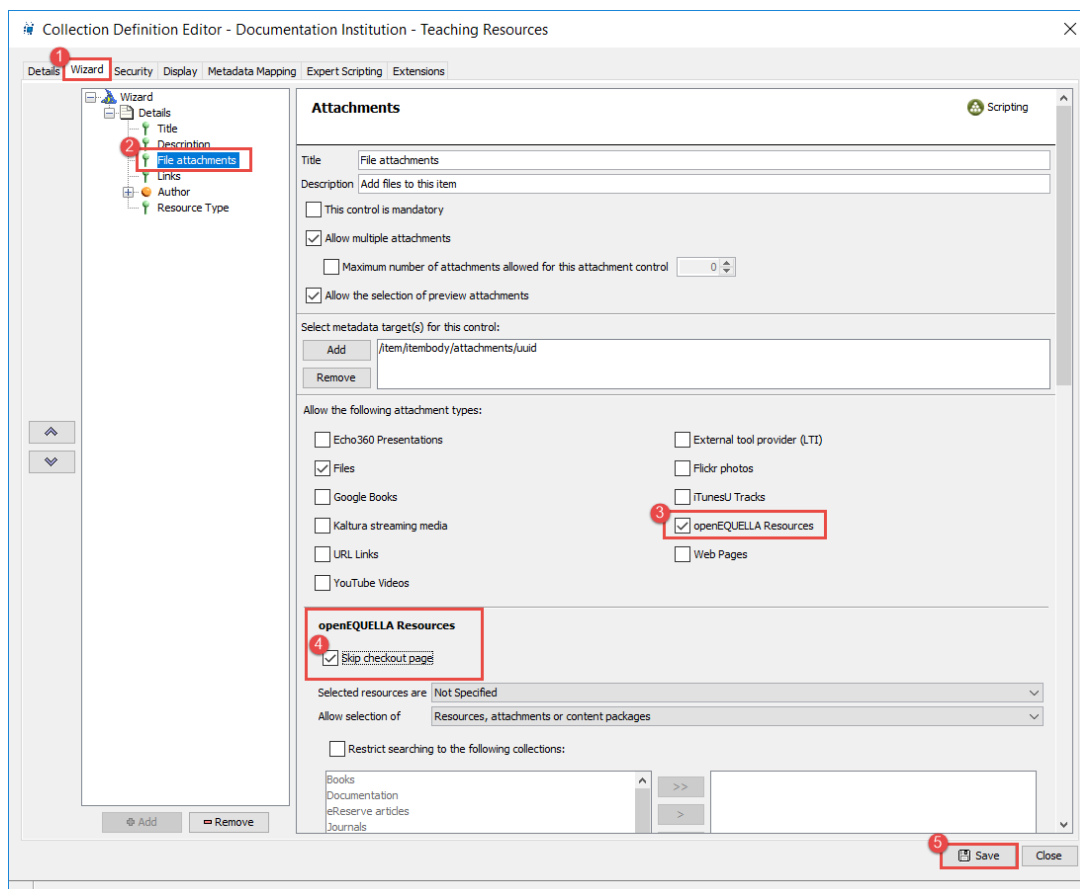


Figure 4 New openEQUELLA Resources option on the Attachments wizard page

3. Make sure the **openEQUELLA Resources** attachment type is selected in the **Allow the following attachment types:** section.

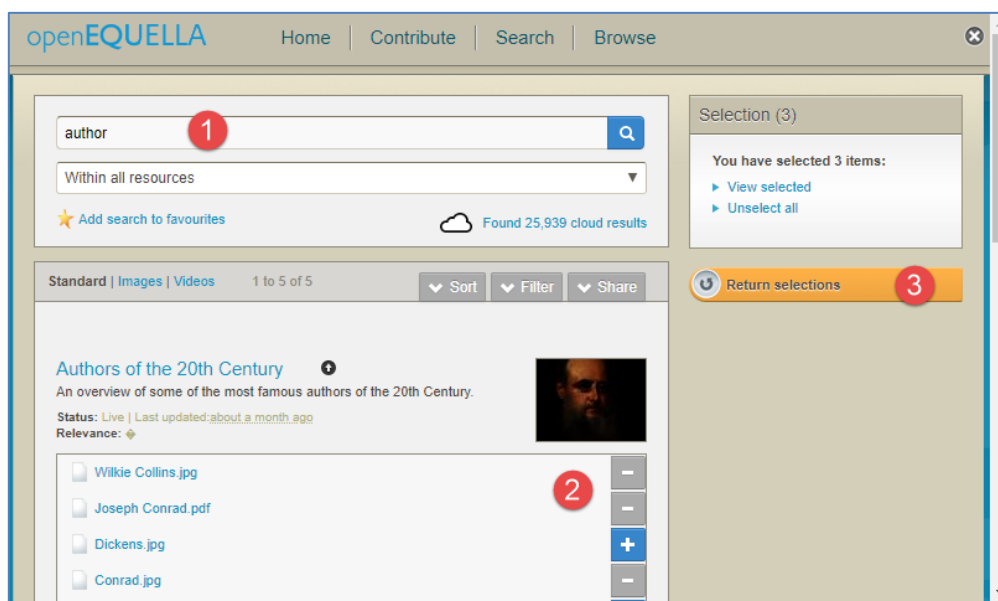


4. In the *openEQUELLA Resources* configuration section, select **Skip checkout page**.
5. Select **Save**.

### *Attach openEQUELLA Resources with new option selected*

Once this option has been saved, the checkout page no longer displays during the contribution process.

An example of the pages that display when selecting and returning openEQUELLA resources during contribution when the new option is selected are shown in Figure 5 and Figure 6.



**Figure 5 Resources selected**

Teaching Resources

Contribute > Teaching Resources

Details

Title \*

Enter the name of the resource

Authors

Description \*

Enter a concise description of the resource keeping in mind that this field is used when searching for items.

Images of authors

File attachments

Add files to this item

4

Joseph Conrad.pdf	Edit   Replace   Delete
Wilkie Collins.jpg	Edit   Replace   Delete
Conrad.jpg	Edit   Replace   Delete

+

 Add a resource

Click to select files or drag and drop files here

Save

Save and continue | Cancel

Details \*

Preview

Select thumbnail

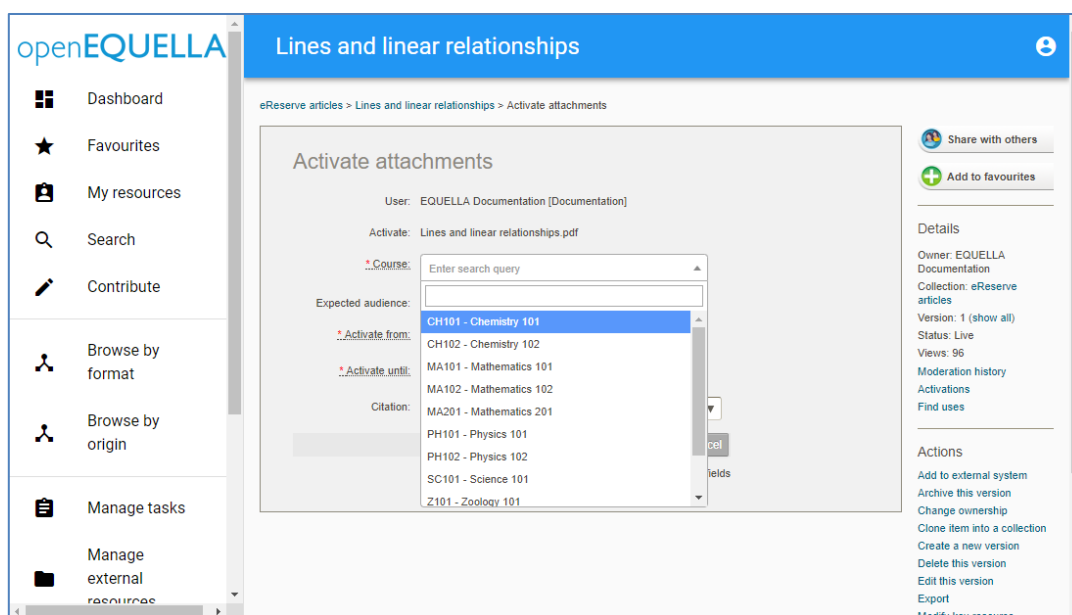
**Figure 6 Contribution wizard page with returned openEQUELLA resources**

If required, the **Edit** link beside each attachment can be used to make changes to the display name of the attachment.

# Course Selector

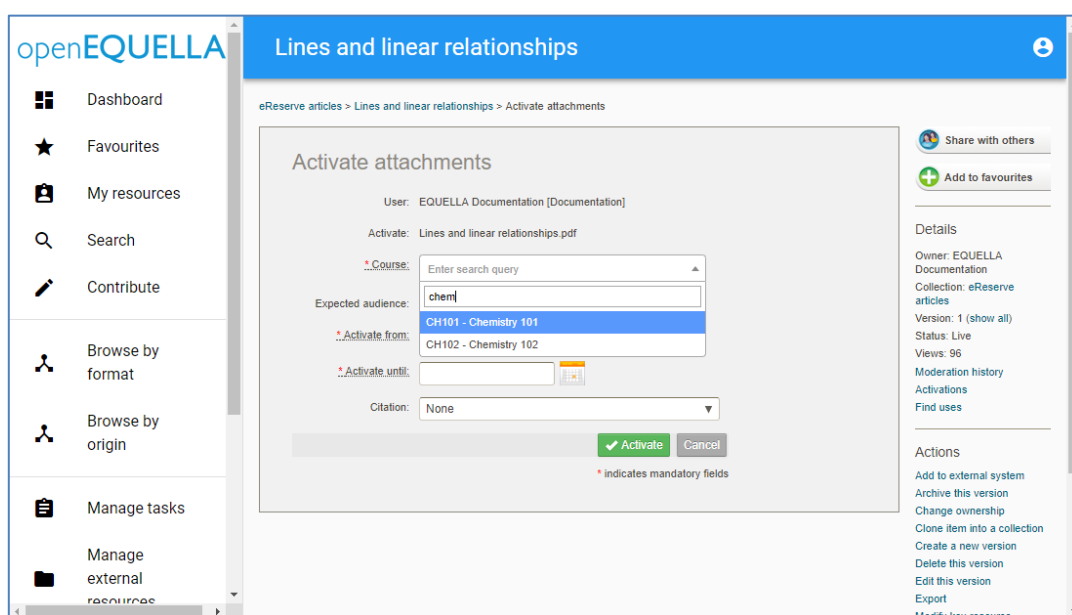
The openEQUELLA Course Selector has been updated to be scrollable and searchable. Any search string entered will be matched with data stored in the Course Title, Description and Code fields. All instances of the Course Selector within openEQUELLA have been updated.

An example with the scroll bar displayed is shown in Figure 7.



**Figure 7 Course selector with scroll bar**

An example with search terms and results is shown in Figure 8.

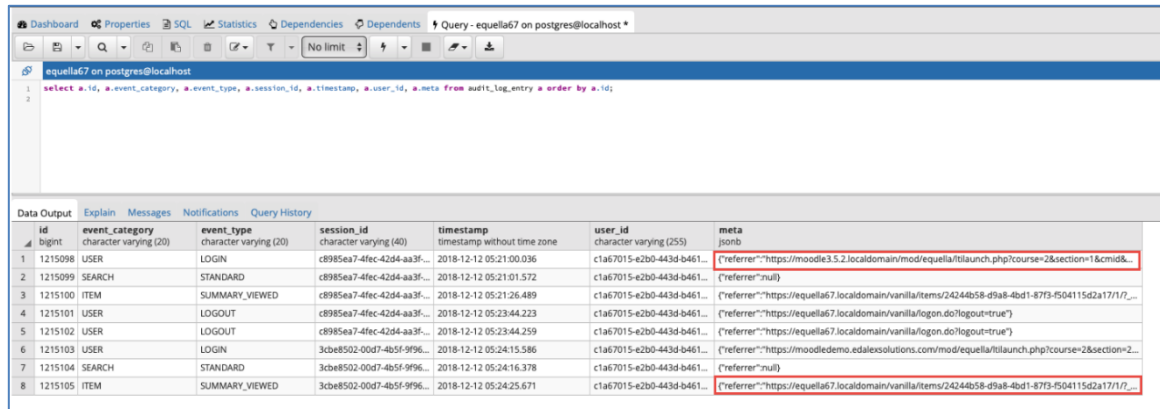


**Figure 8 Course selector with search terms and results**

# HTTP Referrers

HTTP referrers have been added to the database audit log, which enables reporting and identification of the integrated LMS instances in which an item is being used.

Examples of a Postgres database with LMS HTTP referrers are shown in Figure 9 and Figure 10.

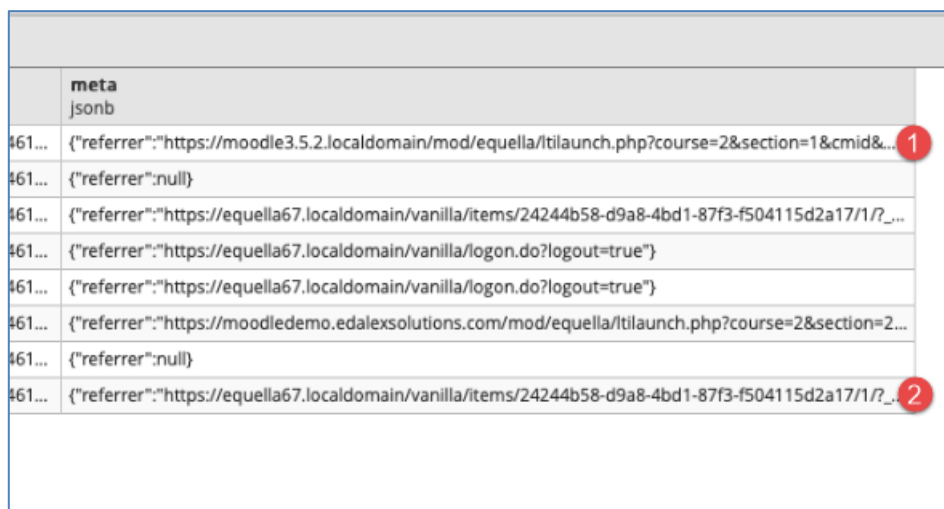


The screenshot shows a PostgreSQL database interface with a query window titled "equella67 on postgres@localhost". The query is: `select a.id, a.event_category, a.event_type, a.session_id, a.timestamp, a.user_id, a.meta from audit_log_entry a order by a.id;`

The results are displayed in a table with the following columns: `id`, `event_category`, `event_type`, `session_id`, `timestamp`, `user_id`, and `meta`. The `meta` column contains JSONB data representing HTTP referrers.

id	event_category	event_type	session_id	timestamp	user_id	meta
1215098	USER	LOGIN	c8985ea7-4fec-42d4-aa3f...	2018-12-12 05:21:00.036	ct1a67015-e2b0-443d-b461...	{"referrer":"https://moodle3.5.2.localdomain/mod/equilla/tilaunch.php?course=2&section=1&cmid&..."}
1215099	SEARCH	STANDARD	c8985ea7-4fec-42d4-aa3f...	2018-12-12 05:21:01.572	ct1a67015-e2b0-443d-b461...	{"referrer":null}
1215100	ITEM	SUMMARY_VIEWED	c8985ea7-4fec-42d4-aa3f...	2018-12-12 05:21:26.489	ct1a67015-e2b0-443d-b461...	{"referrer":"https://equella67.localdomain/vanilla/items/24244b58-d9a8-4bd1-87f3-f504115d2a17/1/?..."}
1215101	USER	LOGOUT	c8985ea7-4fec-42d4-aa3f...	2018-12-12 05:23:44.223	ct1a67015-e2b0-443d-b461...	{"referrer":"https://equella67.localdomain/vanilla/ogon.do?logout=true"}
1215102	USER	LOGOUT	c8985ea7-4fec-42d4-aa3f...	2018-12-12 05:23:44.259	ct1a67015-e2b0-443d-b461...	{"referrer":"https://equella67.localdomain/vanilla/ogon.do?logout=true"}
1215103	USER	LOGIN	3cbe8502-00d7-4b5f-9996...	2018-12-12 05:24:15.586	ct1a67015-e2b0-443d-b461...	{"referrer":"https://moodledemo.edalexolutions.com/mod/equilla/tilaunch.php?course=2&section=2..."}
1215104	SEARCH	STANDARD	3cbe8502-00d7-4b5f-9996...	2018-12-12 05:24:16.378	ct1a67015-e2b0-443d-b461...	{"referrer":null}
1215105	ITEM	SUMMARY_VIEWED	3cbe8502-00d7-4b5f-9996...	2018-12-12 05:24:25.671	ct1a67015-e2b0-443d-b461...	{"referrer":"https://equella67.localdomain/vanilla/items/24244b58-d9a8-4bd1-87f3-f504115d2a17/1/?..."}

Figure 9 Postgres - HTTP referrers for integrated LMSs



This table provides a magnified view of the `meta` column data from Figure 9, showing the JSONB structure of the HTTP referrers. Red circles with numbers 1 and 2 highlight specific entries.

id	meta
461...	{"referrer":"https://moodle3.5.2.localdomain/mod/equilla/tilaunch.php?course=2&section=1&cmid&..."}
461...	{"referrer":null}
461...	{"referrer":"https://equella67.localdomain/vanilla/items/24244b58-d9a8-4bd1-87f3-f504115d2a17/1/?..."}
461...	{"referrer":"https://equella67.localdomain/vanilla/ogon.do?logout=true"}
461...	{"referrer":"https://equella67.localdomain/vanilla/ogon.do?logout=true"}
461...	{"referrer":"https://moodledemo.edalexolutions.com/mod/equilla/tilaunch.php?course=2&section=2..."}
461...	{"referrer":null}
461...	{"referrer":"https://equella67.localdomain/vanilla/items/24244b58-d9a8-4bd1-87f3-f504115d2a17/1/?..."}

Figure 10 Postgres - HTTP referrers for integrated LMSs - magnified

# Theme Editor

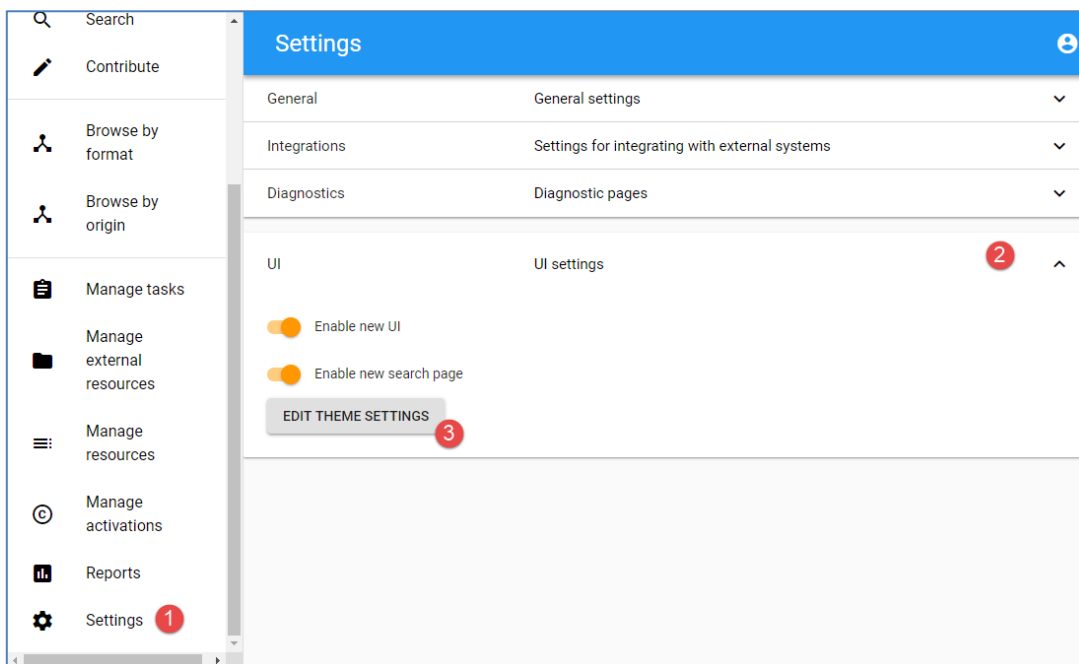
The new Theme Editor enables administration users to apply theming to the new openEQUELLA UI template, by selecting a colour scheme for page components and uploading a logo.

## Accessing the Theme Editor

The Theme Editor is accessed from the **UI** category of the **Settings** page.

### To access the Theme Editor

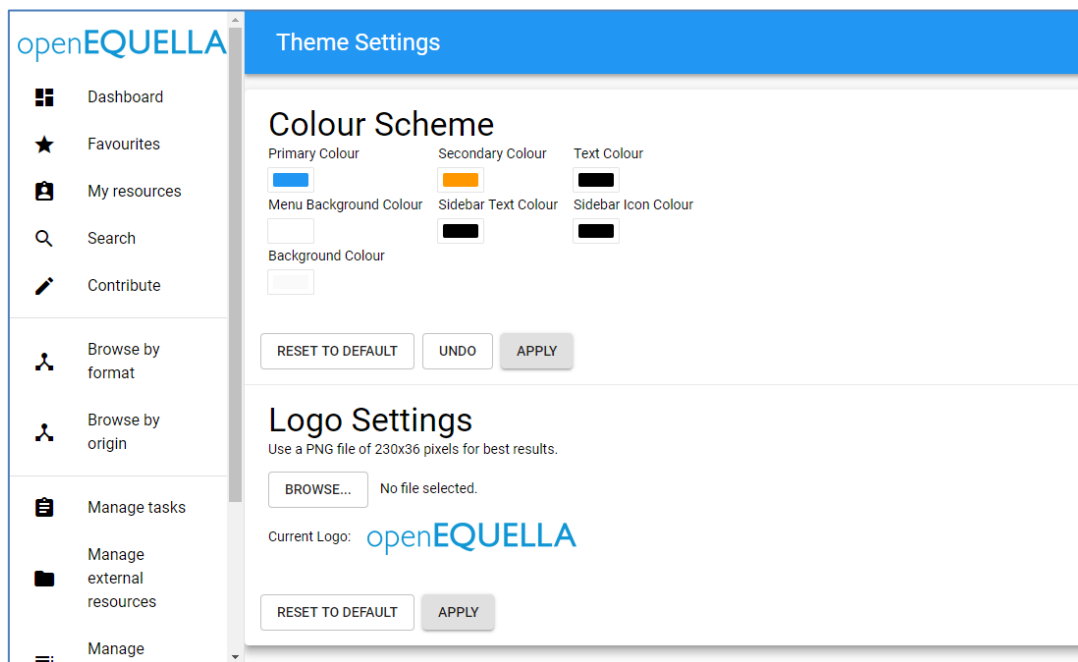
From the **UI** category of the **Settings** page, select the **Edit Theme Settings** button. An example is shown in Figure 11.



**Figure 11 UI Settings - Edit theme settings**

*NOTE: At a minimum, the **Enable new UI** needs to be turned on to access the Theme Editor.*

The **Theme Settings** page displays. An example is shown in Figure 12.



**Figure 12 Theme Settings page**

## Applying a Colour Scheme

Colours can be selected and applied to specific areas of pages. Colours can be set for seven separate components of the pages, however some of those components only display as part of the new Search UI page.

### Colour Scheme settings

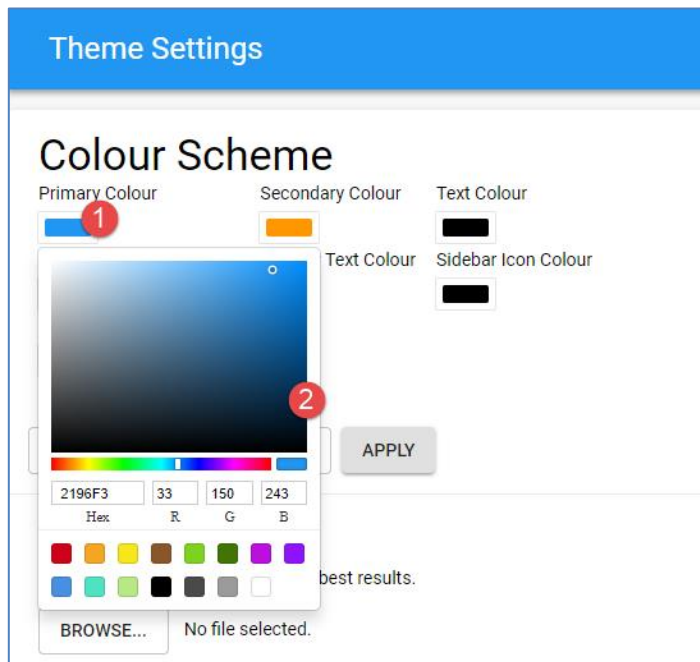
The **Colour Scheme** area includes seven components, and colours can be set for each. Once colours are selected, the **Apply** button is used to refresh the page and apply the new colours.

The **Undo** button is used to undo the changes made within a configuration session (prior to the *Apply* button being used).

The **Reset to default** button is used to return to openEQUELLA default colours.

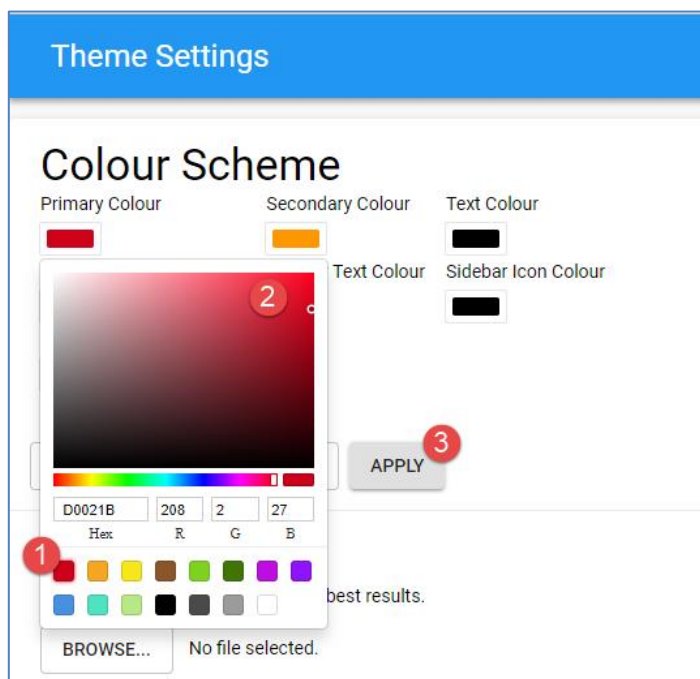
#### To apply new colours

1. Click the colour panel of the page component to be changed (for example, *Primary Colour*). A colour selector displays, as shown in Figure 13.



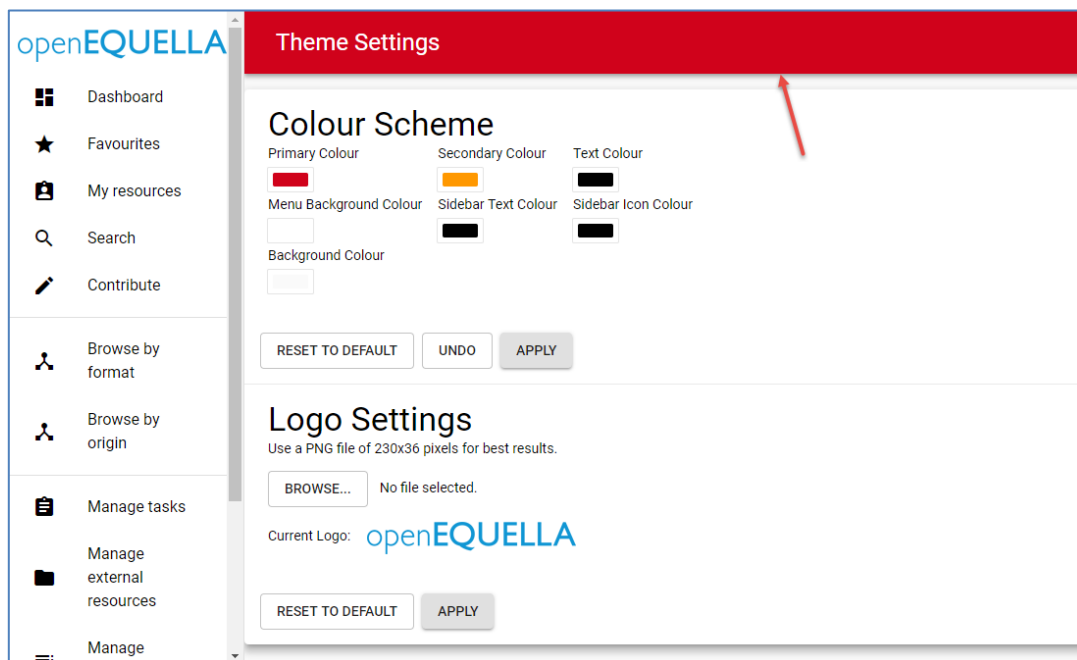
**Figure 13 Colour selector**

2. Select the required colour by entering the HEX or RGB codes, if known, or by clicking one of the solid colour squares at the bottom, which will change the colour palette. Select the required colour by clicking in the colour palette. An example is shown in Figure 14.



**Figure 14 Colour selector with changed palette**

3. Click the **Apply** button. The changes are applied to the relevant page component. An example is shown in Figure 15.



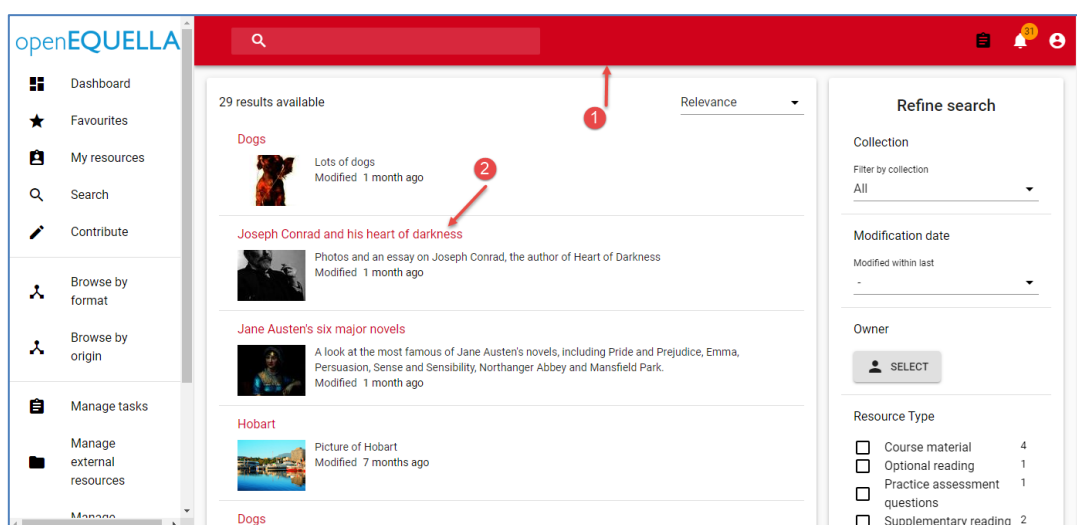
**Figure 15 Primary Colour change applied**

## Colour Scheme components

There are seven colour scheme components that can be changed:

### Primary Colour

Changing the **Primary Colour** applies the new colour to the background of the main banner at the top of each page, and the Title text on the new Search page. An example is shown in Figure 16.



**Figure 16 Primary Colour change – new Search page**



## Secondary Colour

Changing the **Secondary Colour** changes small control components such as the buttons to toggle functionality and the Add button on the Courses page. An example is shown in Figure 17

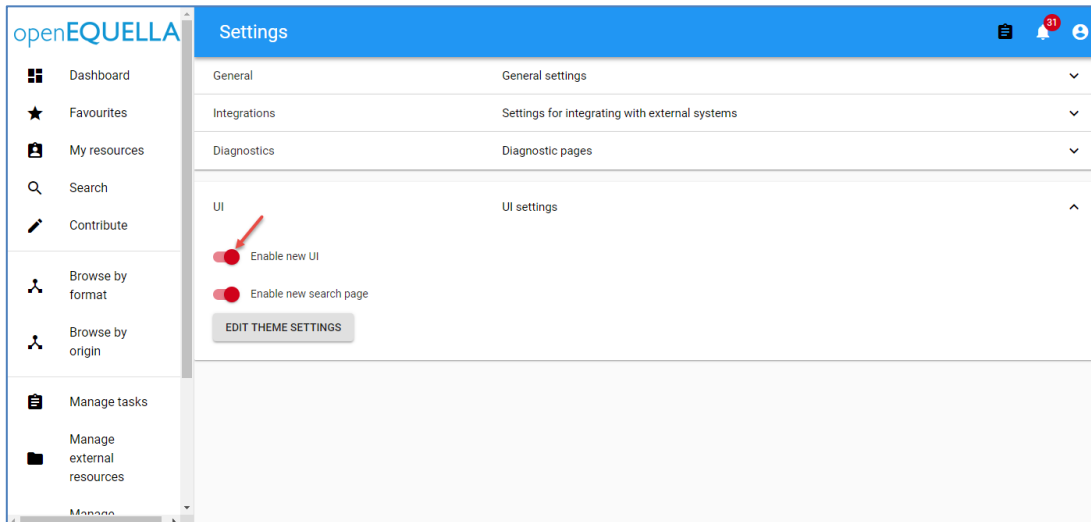


Figure 17 Secondary Colour components

## Text Colour

Changing the **Text Colour** changes some text. It does not affect text on the original search page. Examples are shown in Figure 17 and Figure 18.

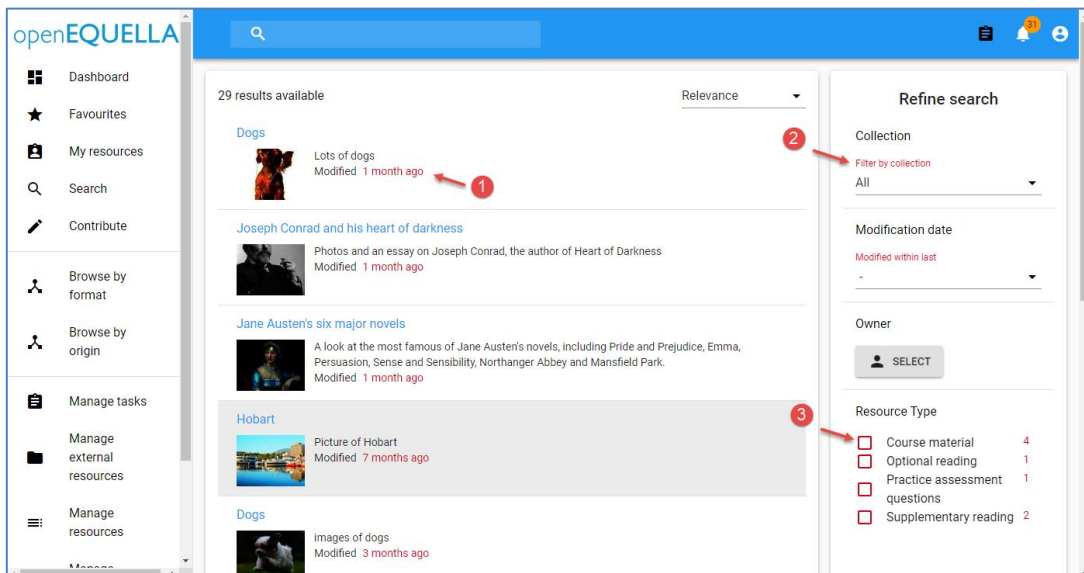


Figure 18 Text colour change - new Search page

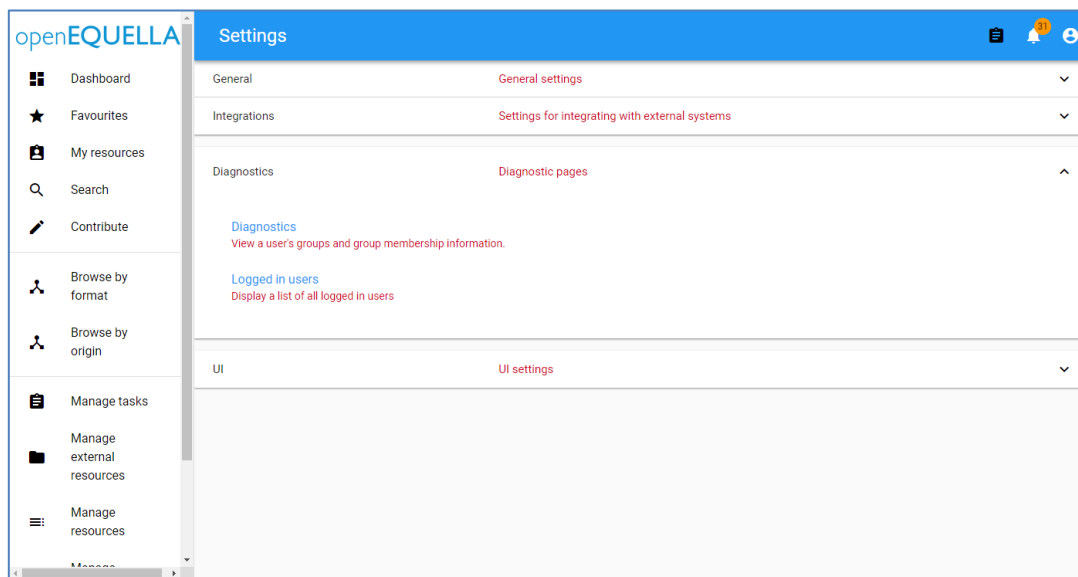


Figure 19 Text colour change - Settings page

## Menu Background Colour

Changing the **Menu Background Colour** changes the background of all menu panels, including the navigation menu, results panel and filter panel. An example is shown in Figure 20.

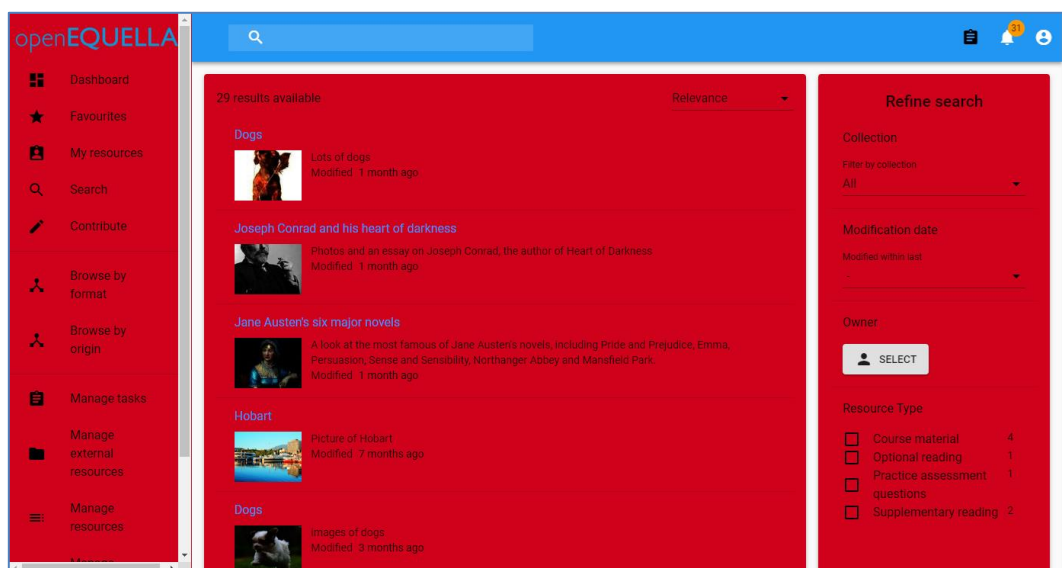
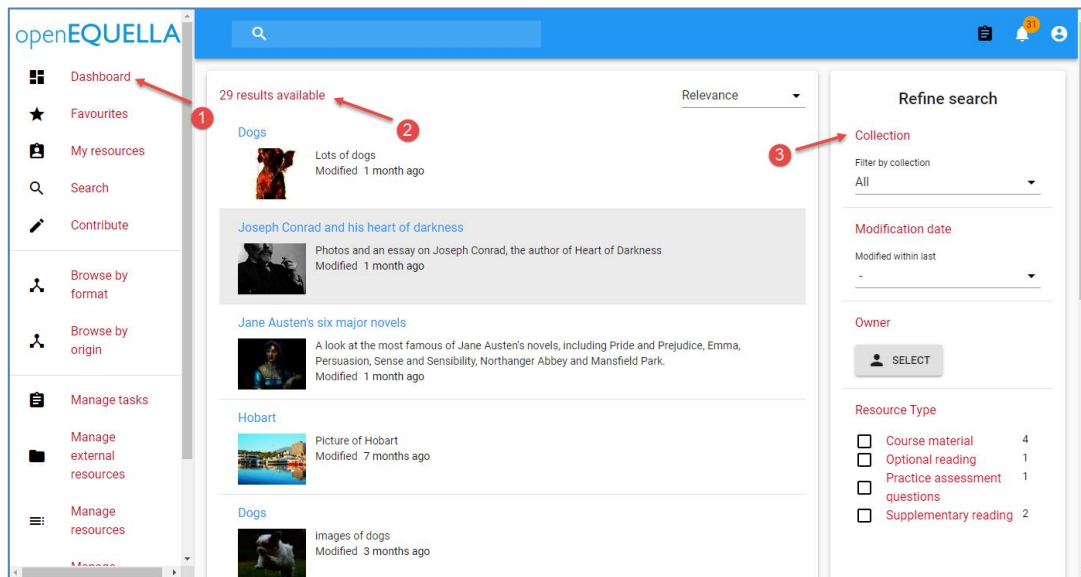


Figure 20 Menu Background colour change - new Search page

## Sidebar Text Colour

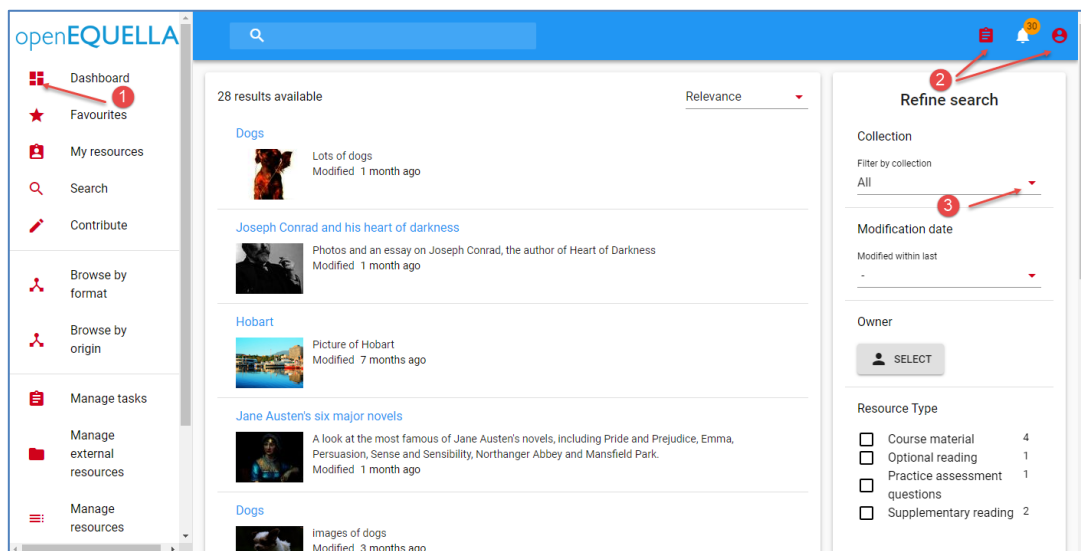
Changing the **Sidebar Text Colour** changes the text on the navigation menu, the filter panel and the number of results text at the top of the results panel. An example is shown in Figure 21.



**Figure 21 Sidebar Text Colour change - new Search UI**

## Sidebar Icon Colour

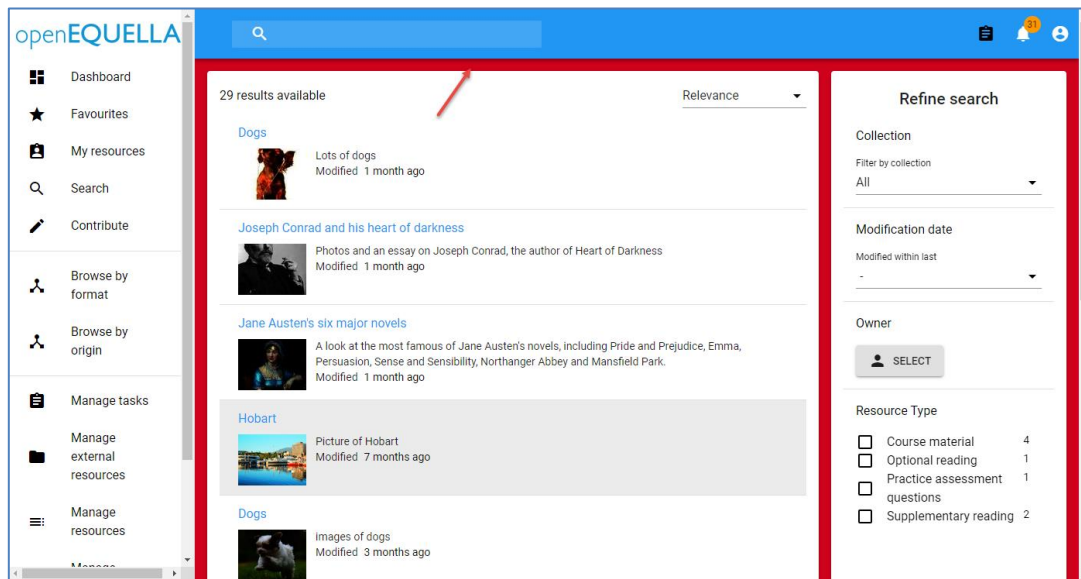
Changing the **Sidebar Icon Colour** changes the colour of the icons on the navigation menu and some other places. An example is shown in Figure 22.



**Figure 22 Sidebar Icon Colour change - new Search UI**

## Background Colour

Changing the **Background Colour** changes the background colour of all pages. An example is shown in Figure 23.



**Figure 23 Background Colour change - new Search UI**

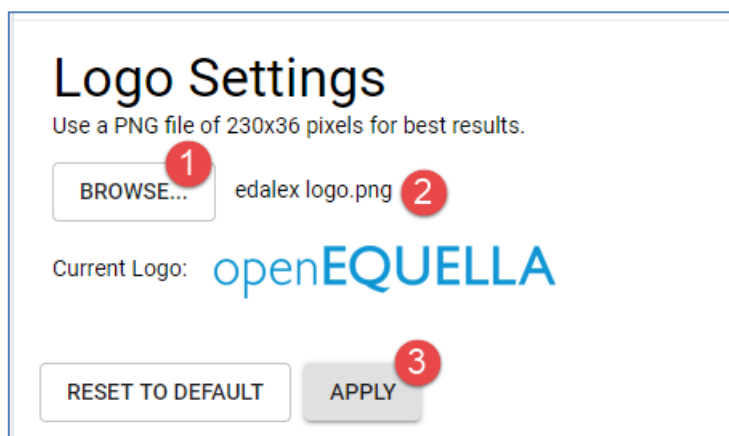
## Logo Settings

The **Logo Settings** area allows an alternative logo to be uploaded and displayed in the top left hand corner of the screen.

*NOTE: For the best results, the logo png size should be 230x36 pixels. Logos of alternative sizes will be adjusted to these dimensions.*

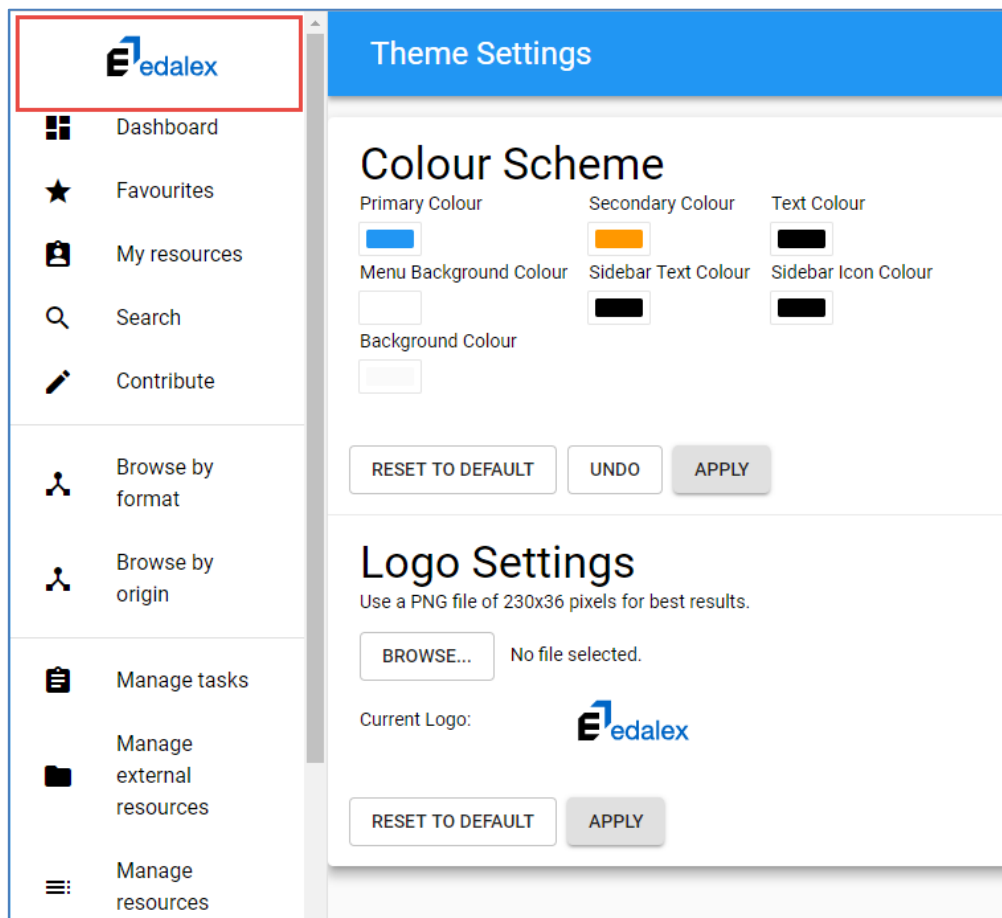
### To upload a new logo

1. From the **Logo Settings** area of the Theme Settings page, click the **Browse** button to select and open the required file.
2. Click **Apply**. An example is shown in Figure 24.



**Figure 24 Logo Settings**

The new logo displays. An example is shown in Figure 25.



**Figure 25** Uploaded logo displayed

Click **Reset to default** to return to the original logo.