Tyler HUB - Tips & Tricks

Munis – All

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INTRODUCTION

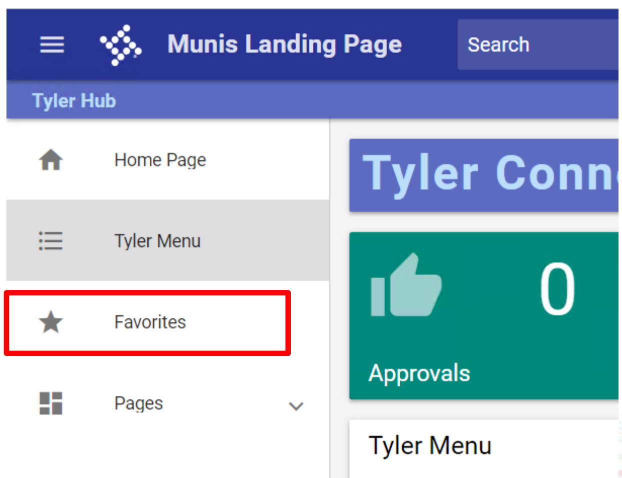
You've been using Tyler Hub for a little while, but you know there is more capability to the content, cards, and pages than you are using. This session will review some helpful hints, tips, and tricks for current Tyler Hub users to become more proficient. Make Tyler Hub work harder for you than Munis Dashboard did in the past. During this session, we will review customizations, the Card Designer, user administration, and data analysis. At the conclusion of this session, you will learn features of Tyler Hub which will save time, display data, and be more aesthetically vivid allowing you to effectively manage your tasks.

PERSONALIZATION

One size fits most will allow a user to get in and do their work, but personalization will allow for a more valuable experience. Tyler Hub is highly customizable and there are a few options that are easy to do, that can make a large difference in your productivity.

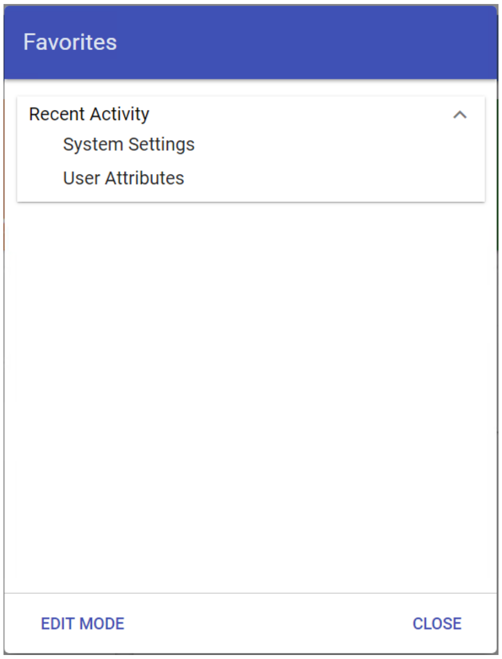
Favorites

Favorites are denoted by the star on the Tyler Hub menu. Within Favorites, Tyler programs, weblinks, and reports can be set as destinations.



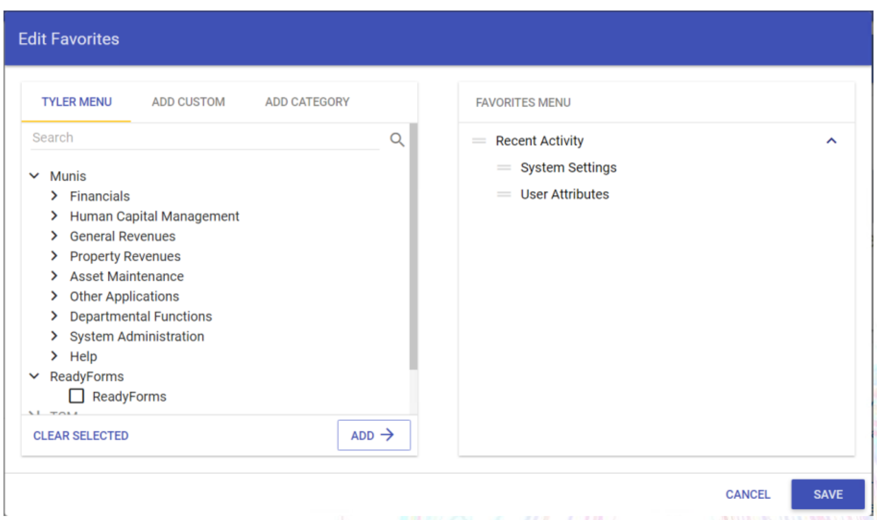
Tyler Hub menu from the Munis Landing Page

Once Favorites open, the recent activity will appear, listing the last programs which have been visited from the Tyler Menu. Click Edit Mode, to start customizing your favorites.



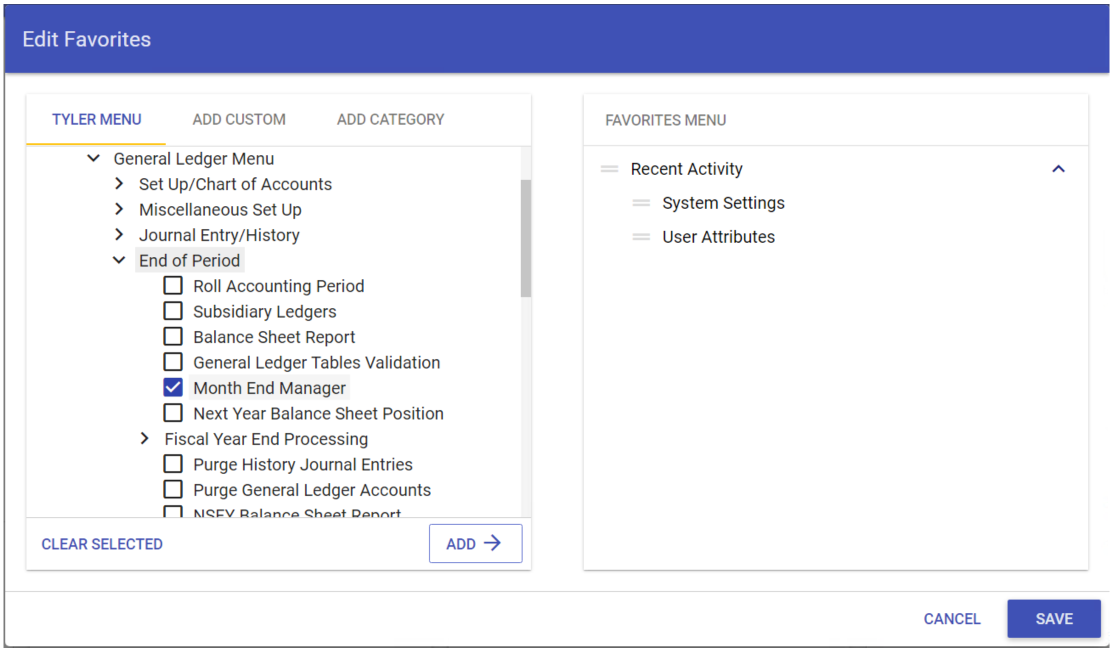
Favorites Menu

The Edit Favorites screen will allow for Tyler Menu options, Custom URLs, and Categories to be added to your favorites.



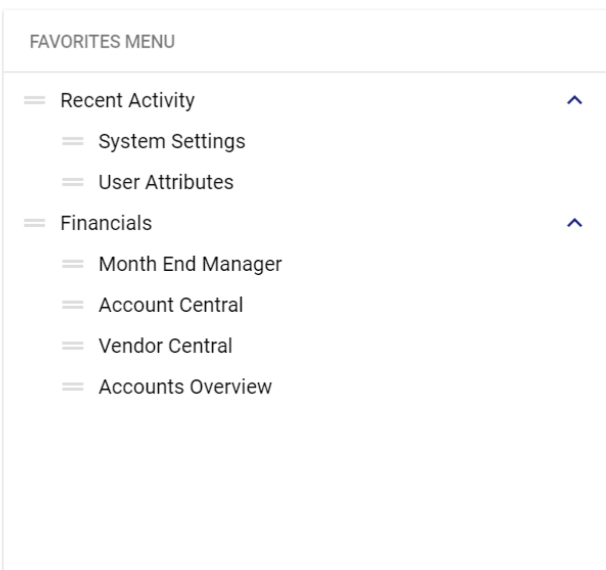
Edit Favorites Screen

To add a program, navigate through the Tyler Menu and select the check box near the programs that you want added.



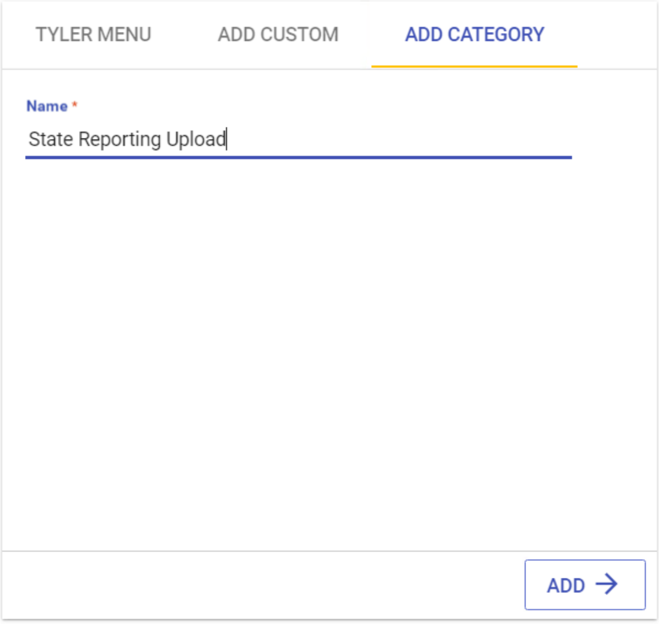
Adding Favorites from Tyler Menu

Clicking Add will move all items to the Favorites Menu under the Module level listing of the program. This means Month End Manager will roll up under Financials.



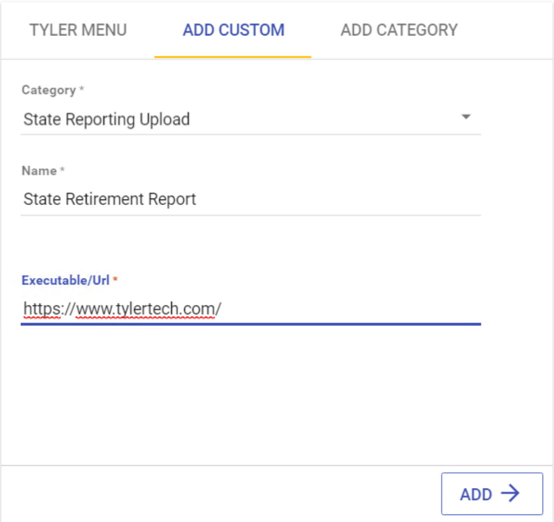
Favorites Menu with Added Items

Adding Categories can be used to add new sections which programs will be listed under. Once the Category is named, it will be available to place programs under in the list.



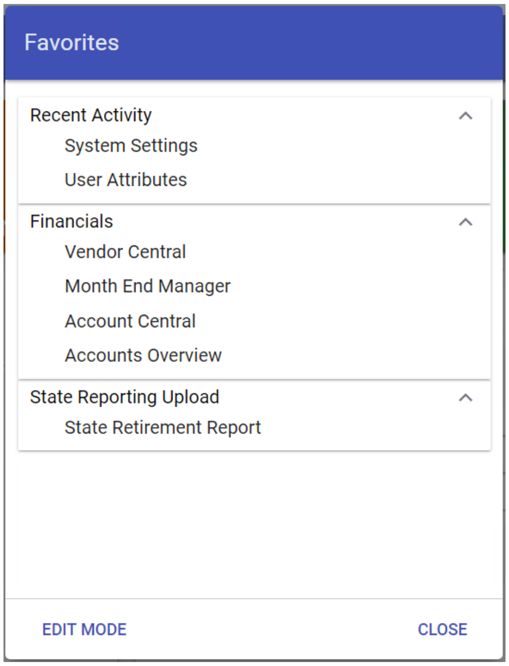
Adding a Category in Edit Favorites

Once the Category is added, a custom favorite can be added. Any URL or executable can be used for a favorite. These are great for common websites that are accessed in conjunction with your Tyler work. State reporting agency uploads are common outside links.



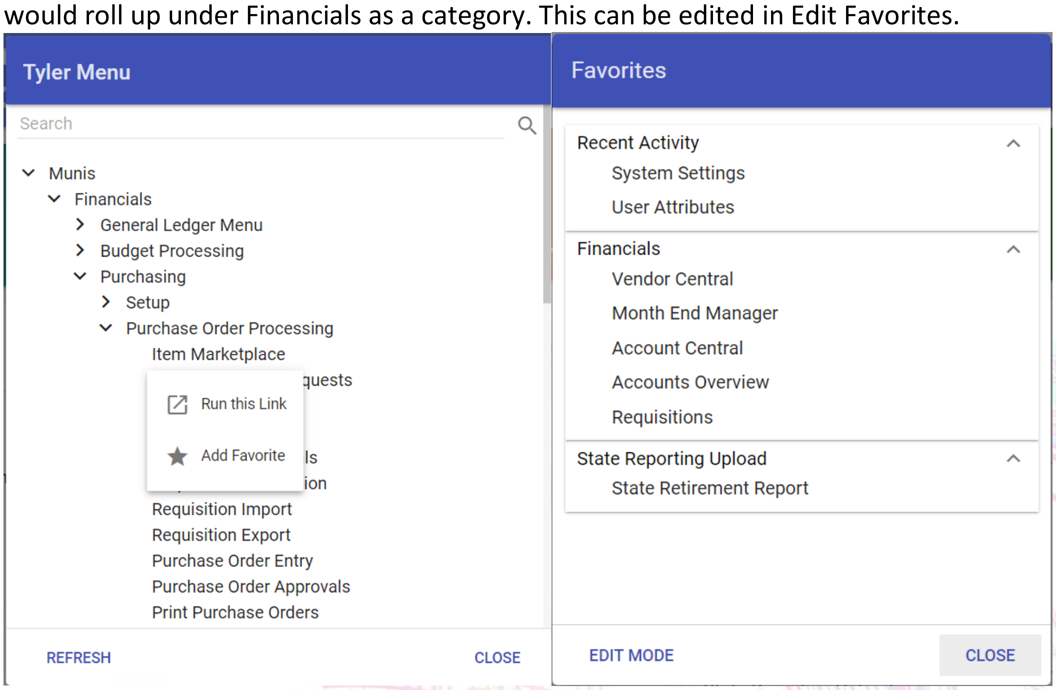
Adding Custom URL Favorites

Once added, the Favorites menu can be launched, and all added favorites will be listed.



Newly Tailored Favorites Menu

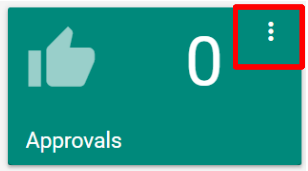
Favorites can also be added directly from the Tyler Menu. To accomplish this, right-click the program item and choose “Add Favorite” to send the favorite under the Module level of the menu. Requisitions would roll up under Financials as a category. This can be edited in Edit Favorites.



Adding Favorite from Tyler Menu and New Added Menu Favorite

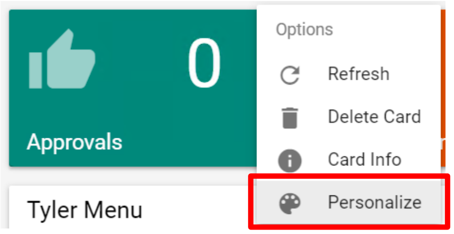
Card Personalization

Card Personalization will allow views of content to personalize their content without utilizing the Card Designer. This will allow for light modification including layout and color choices. This will not allow the user to change the underlying functionality of the Card. To access the Personalization, select the three dots to open the Card Options.



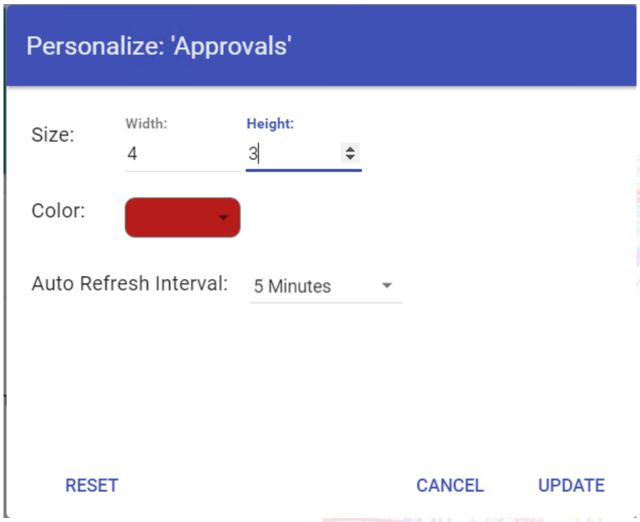
Approvals Card with Options Menu in Top Right

Once the Options Menu is available, select Personalize.

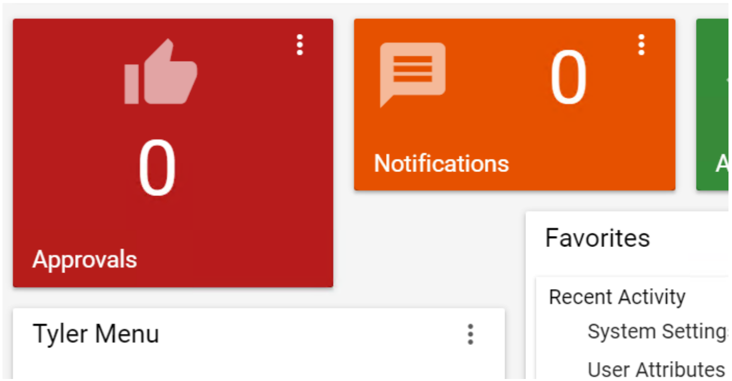


Approvals Tile with Open Menu Open

In the Personalize screen, visual attributes and the Auto Refresh Interval can be set. Clicking Update will push the changes to Tyler Hub.

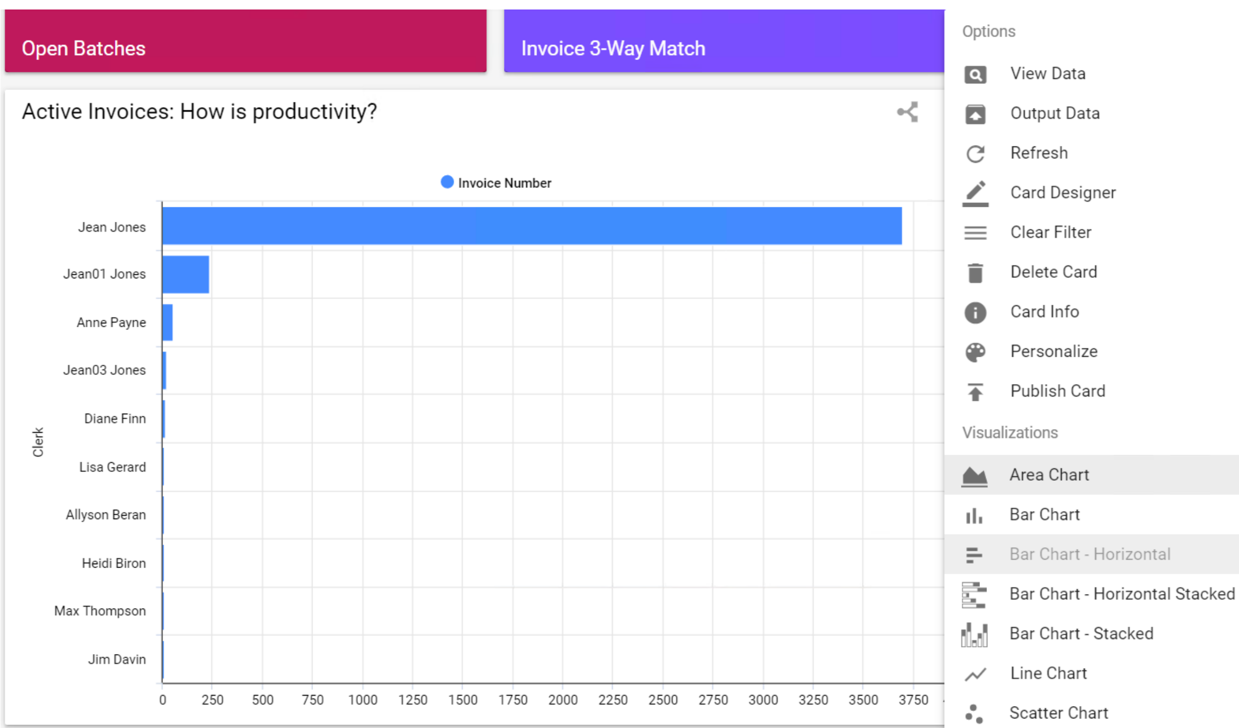


Personalize: Approvals Screen



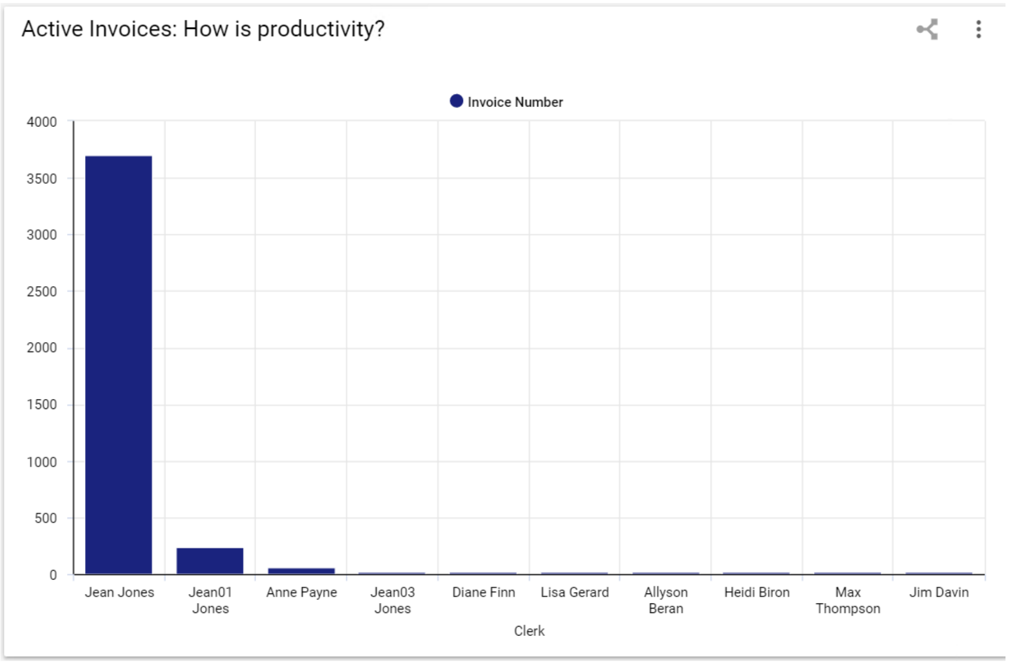
Approvals Card with Personalization

Other cards allow for more personalization. For charts, under the menu option, different visualizations can be selected. Without entering the Personalize screen, you can select a different chart type.



The Card Options Menu

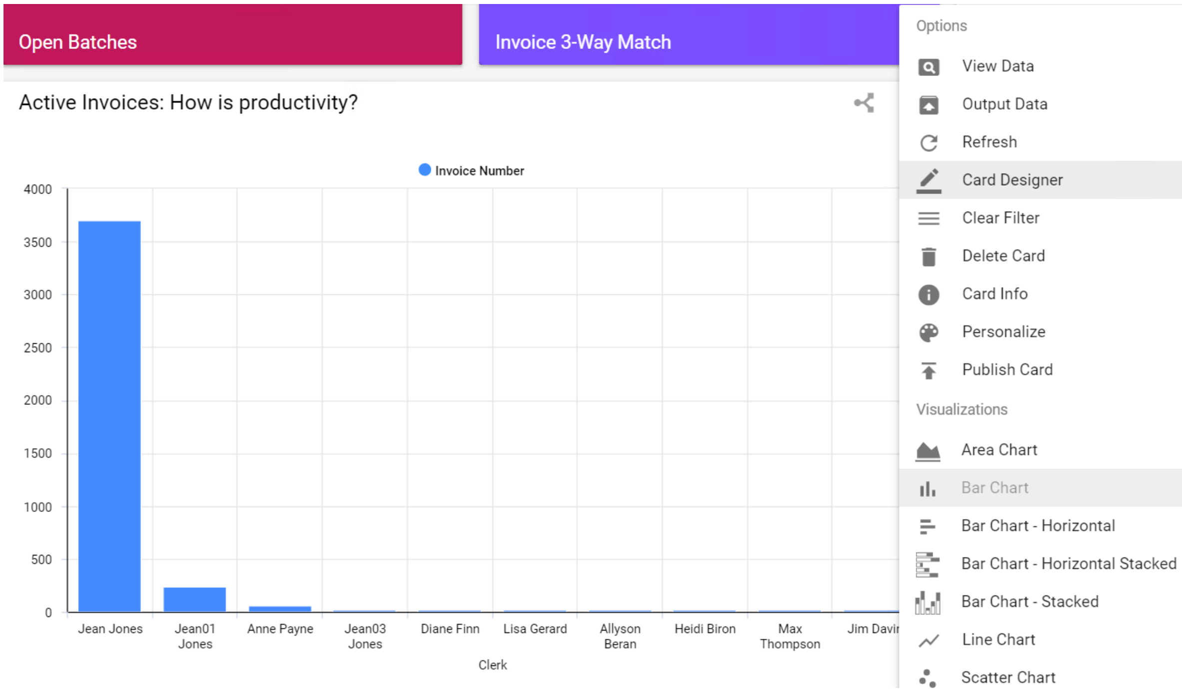
This Card has been switched from a horizontal chart to a vertical chart.



Updated Active Invoices Card with new Visualization selection

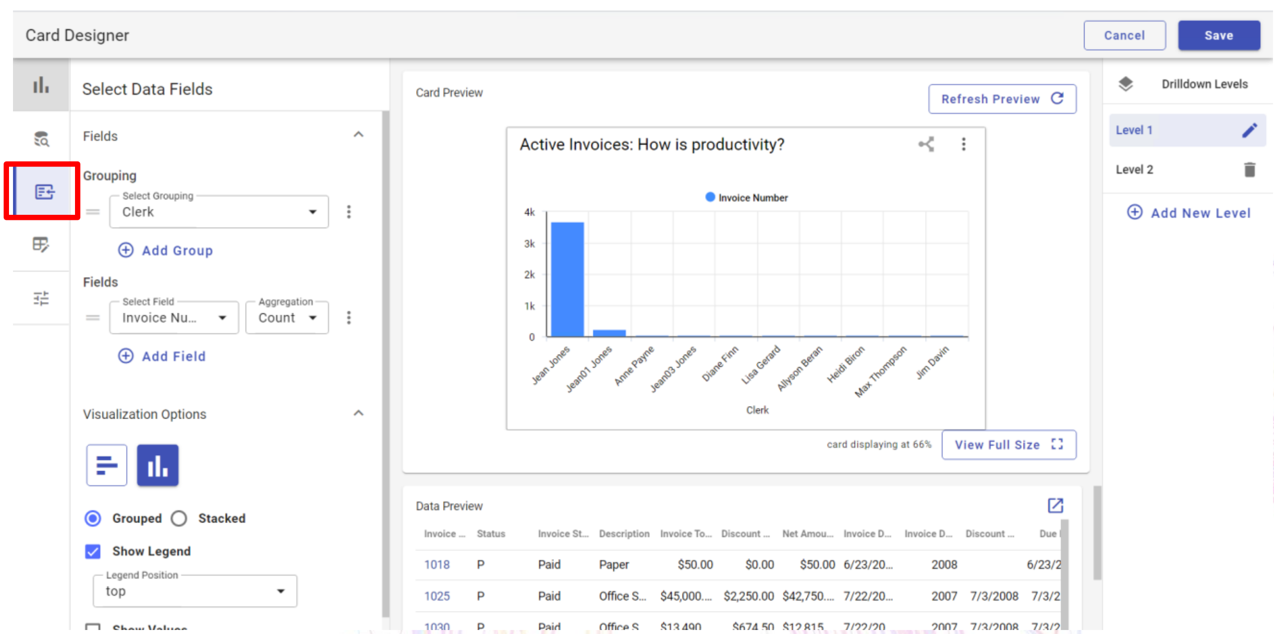
Card Designer for Existing Card

The Card Designer can be used to create new cards and it can be created to modify existing cards. Starting from a card which is already created is an easy way to test out this customization. Starting from an existing Card, select the card designer from the Options Menu.



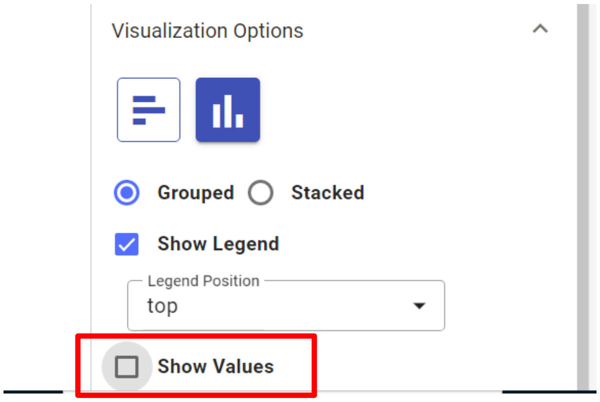
Selecting the Card Designer from the Card Options Menu

Once in the Card Designer navigate to the field, filter, or options you would like to change. In this Card, data labels can be added to the bars on the chart. This can be found under the Select Data Fields tab.



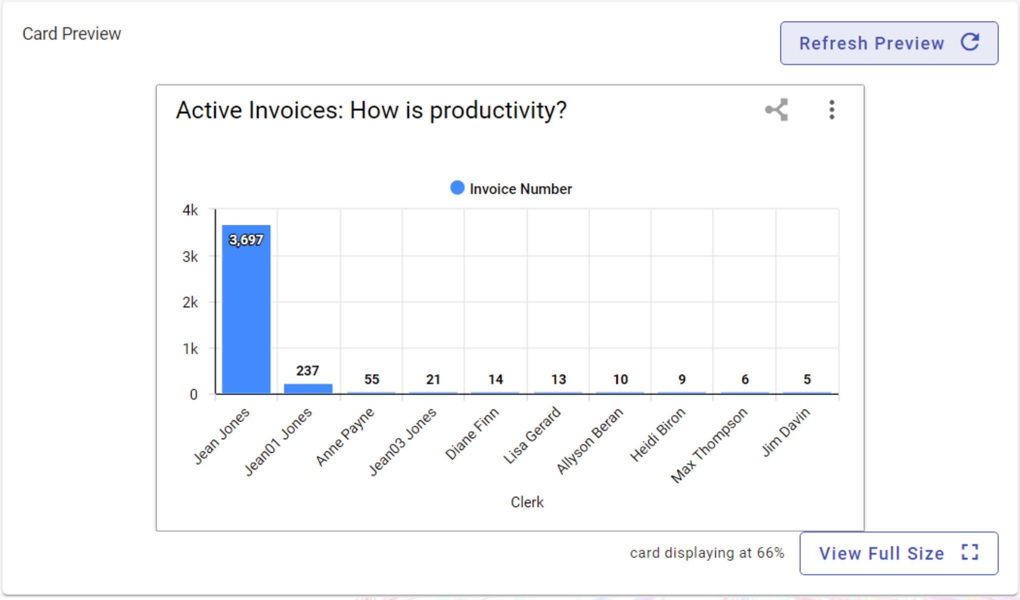
Card Designer

At the bottom of the Visualization Options the "Show Values" checkbox can be selected.



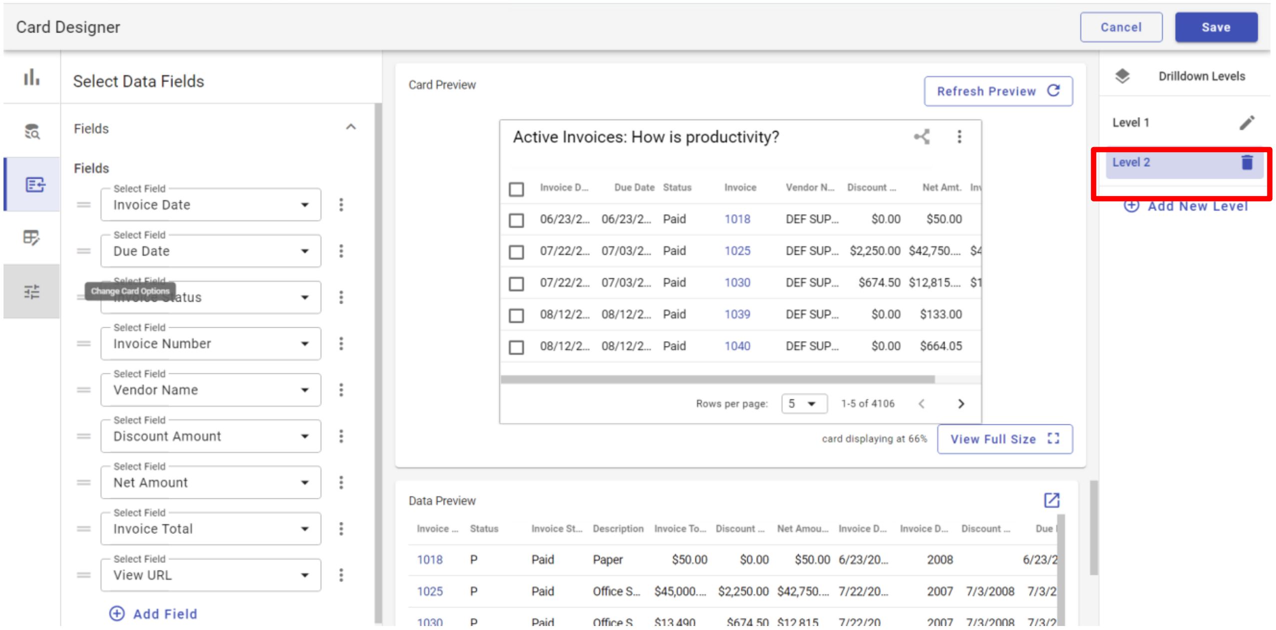
Visualization Options within the Card Designer

As changes are made, the visualization can be previewed in Card Designer. This allows you to tailor your choices before saving the changes.



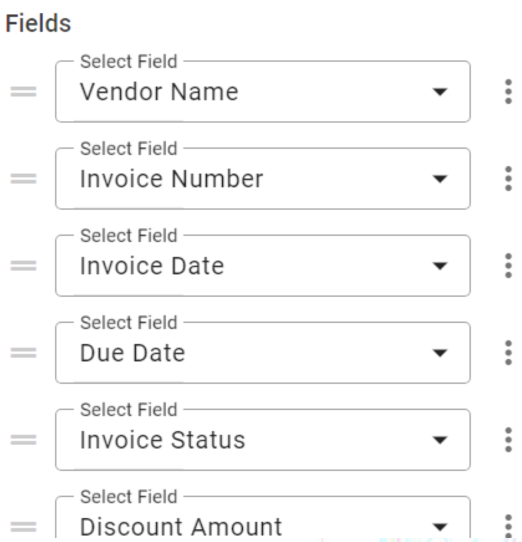
Card Preview After Options Were Changed

This is also a good opportunity to change any data ordering that is more helpful. Selecting Level 2 on the Drilldown Levels will allow you to check the columns in the visualization when selecting a data element from Tyler Hub.



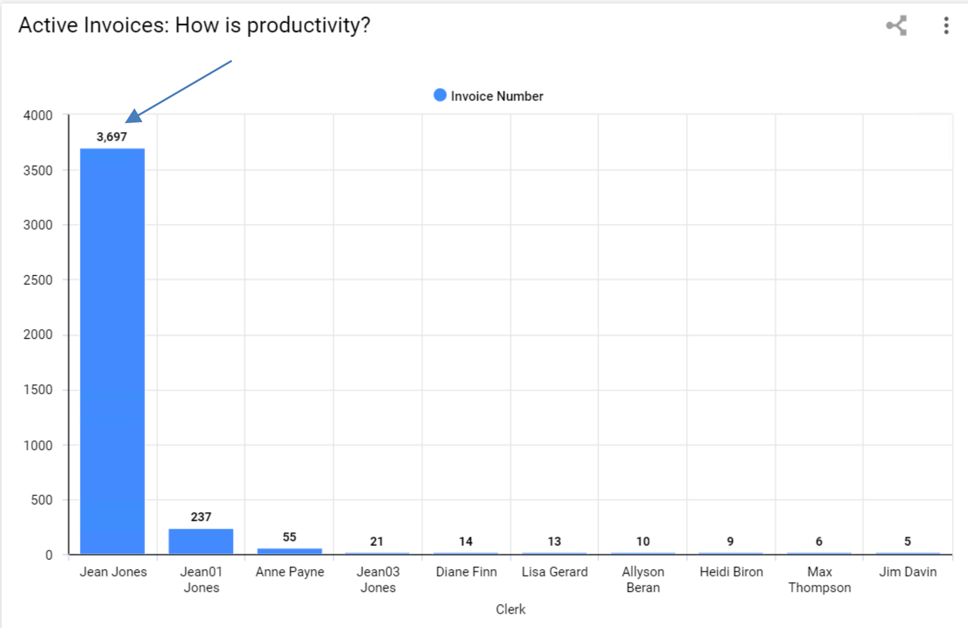
Card Designer Select Data Fields

The Fields can be dragged into the desired order. This will impact the order of the columns from left to right.



Reordering Fields in Select Data Fields

After returning to the Hub Page, the visualization can be seen with the data labels. Clicking on Jean Jones's data on the chart will bring you into the level 2 of the card.



Tyler Hub Card After Adjustments have been saved

A table will display with the data filtered based on Jean's entry. This will show the new column order that was sorted in the Card Designer.

Active Invoices: How is productivity?

Jean Jones

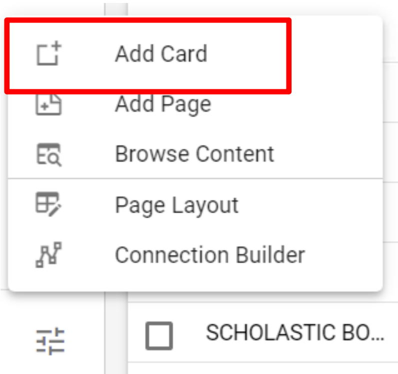
Vendor Name	Invoice	Invoice Date	Due Date	Status	Discount Amt.	Net Amt.	Invoice Total
DEF SUPPLY COMPANY	1442	07/14/2007	07/14/2007	Paid	$0.00	$23,499.00	$23,499.00
DEF SUPPLY COMPANY	1871	06/01/2009	07/01/2009	Paid	$0.00	$31,501.00	$31,501.00
APPLE COMPUTERS	1831	06/30/2009	07/30/2009	Paid	$0.00	$22,000.00	$22,000.00
APPLE COMPUTERS	1862	06/01/2009	07/01/2009	Paid	$0.00	$22,000.00	$22,000.00
APPLE COMPUTERS	3937	06/01/2014	07/01/2014	Paid	$0.00	$75,477.98	$75,477.98
APPLE COMPUTERS	3948	06/24/2014	07/24/2014	Paid	$0.00	$11,234.89	$11,234.89
CHEVROLET	1445	07/14/2007	07/14/2007	Paid	$0.00	$200,000.00	$200,000.00
STAPLES	1877	06/01/2009	07/01/2009	Paid	$0.00	$550.00	$550.00
SCHOLASTIC BOOK	1446	07/14/2007	07/14/2007	Paid	$0.00	$950,000.00	$950,000.00
WORLD TRAVEL AGENCY	3939	06/01/2014	07/01/2014	Paid	$0.00	$534.45	$534.45

Rows per page: 10 1-10 of 3697

Hub Card's Level 2 Drilldown

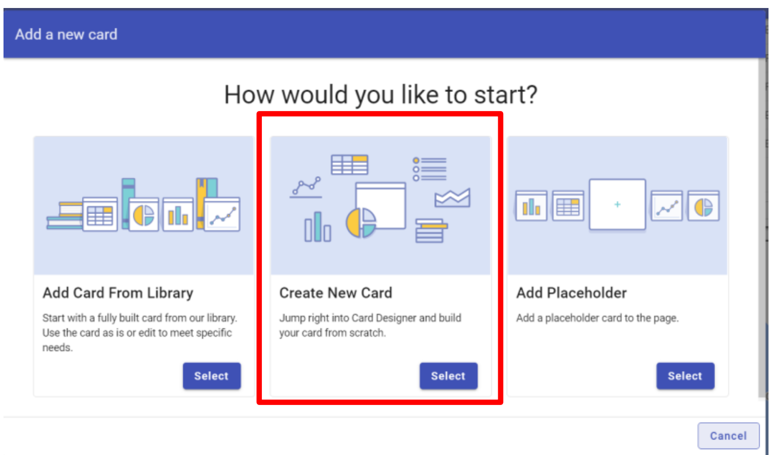
Card Designer for a New Visualization

The Card Designer can also be used to create visualizations from scratch and imbed them within the current Hub Page. From the Edit Content Menu, select Add Card.



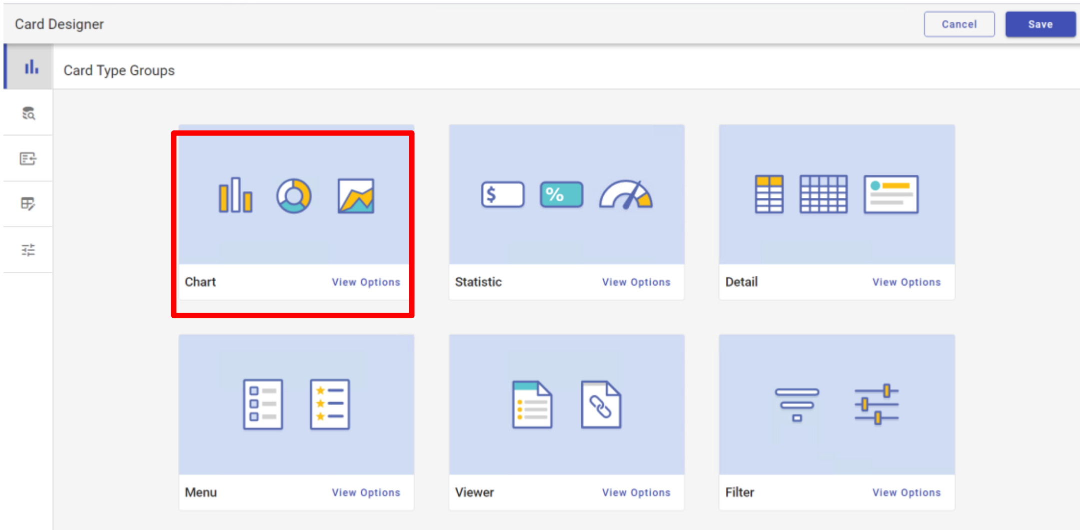
Adding a Card from the Edit Content Option

When adding a new card, the first choice is what starting point makes sense for the objective. When creating a wholly new Card, choose the Create New Card option.



Add a New Card Wizard

After selecting the starting point, the Card Type Groups become available. These will be collections of types of visualizations available for Cards. Selecting Chart will give all available chart options.



Card Type Group Selection Page

Once viewing the chart types, a chart fitting the need of the visualization can be selected. Bar charts are great for comparing multiple records and line charts are helpful when showing trends over time. Selecting Bar chart will allow the selection of data.

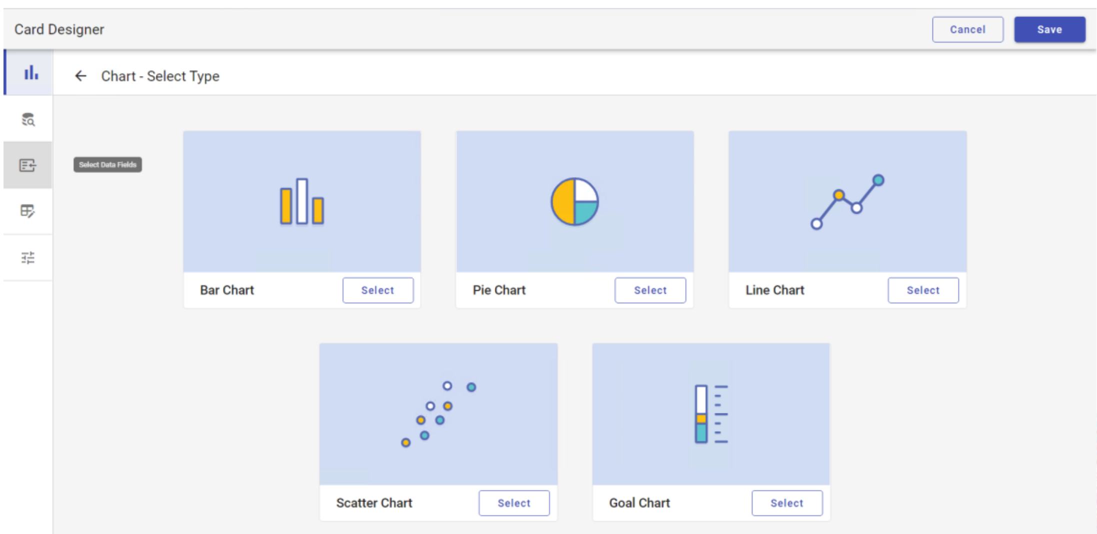
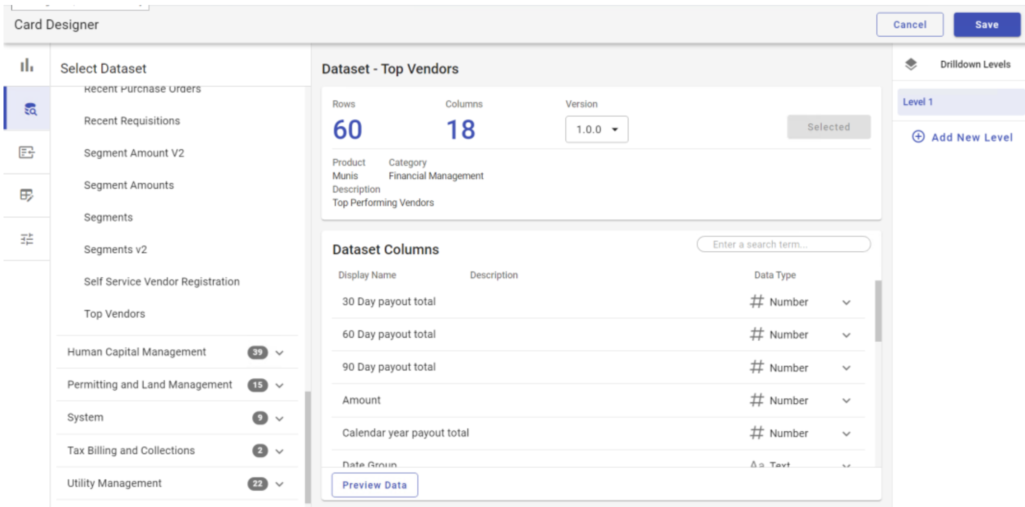


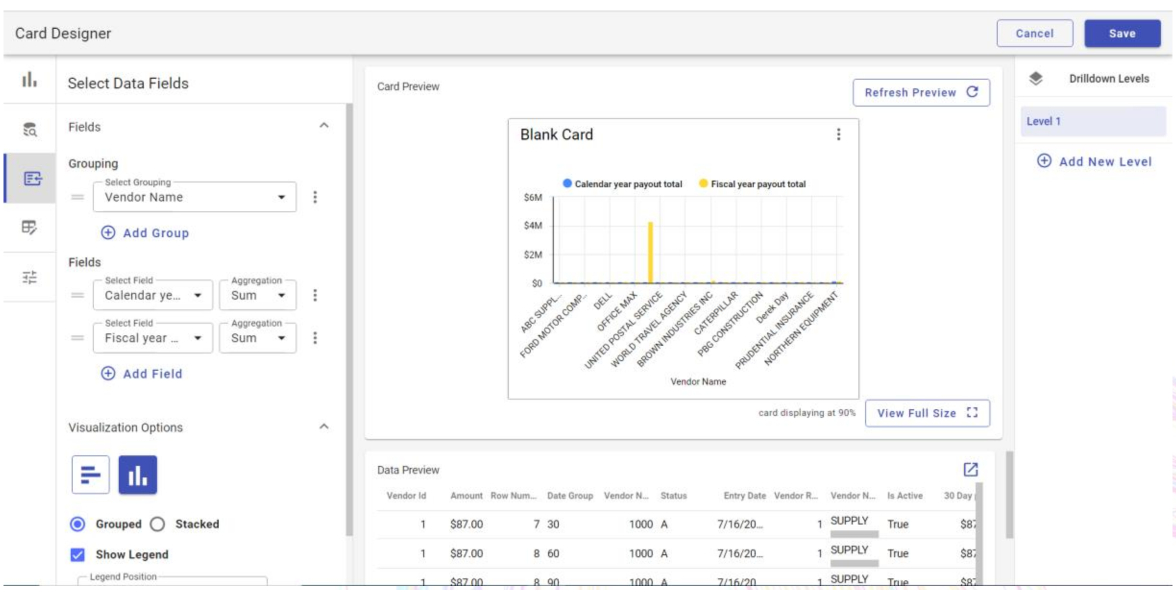
Chart Type Selection Page

With the chart type selected, the dataset can be selected. Tyler Hub has a curated data warehouse that can be tapped into when looking to surface information to Tyler Hub. Select the Dataset of Top Vendors to bring that data into the Card Designer.



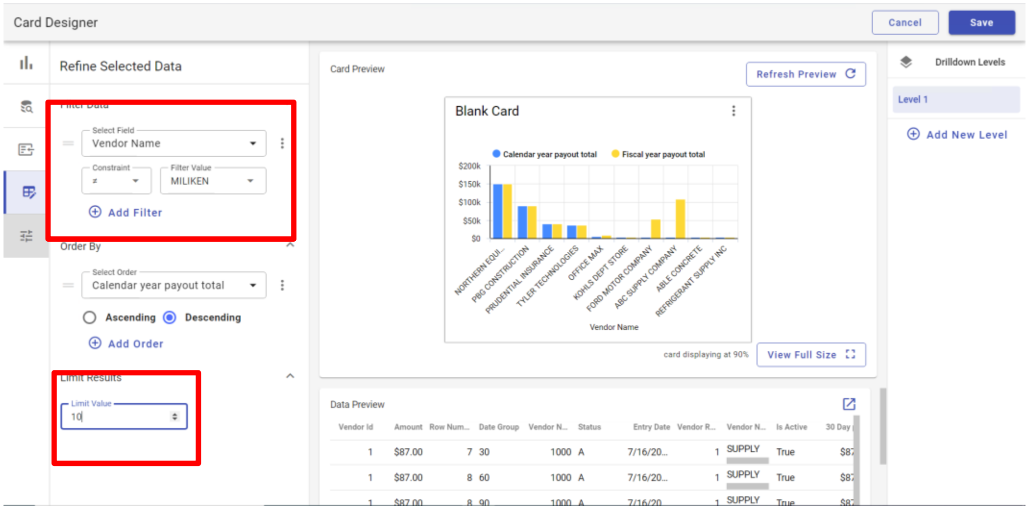
Selected Dataset in Card Designer

Once the Dataset is in Card Designer, the individual attributes of the dataset can be used to plot the chart. In the chart, the Calendar Year and Fiscal Year Vendor amounts are to be compared. Group the Vendors by grouping by Vendor Name, then select the quantitative fields of Calendar Year Payout Total and Fiscal Year Payout Total. The Aggregation should be sum since the total paid out is desired. The Card Preview is showing a vendor that is throwing off the visualization a bit. That can be addressed in the Refine Selected Data screen.



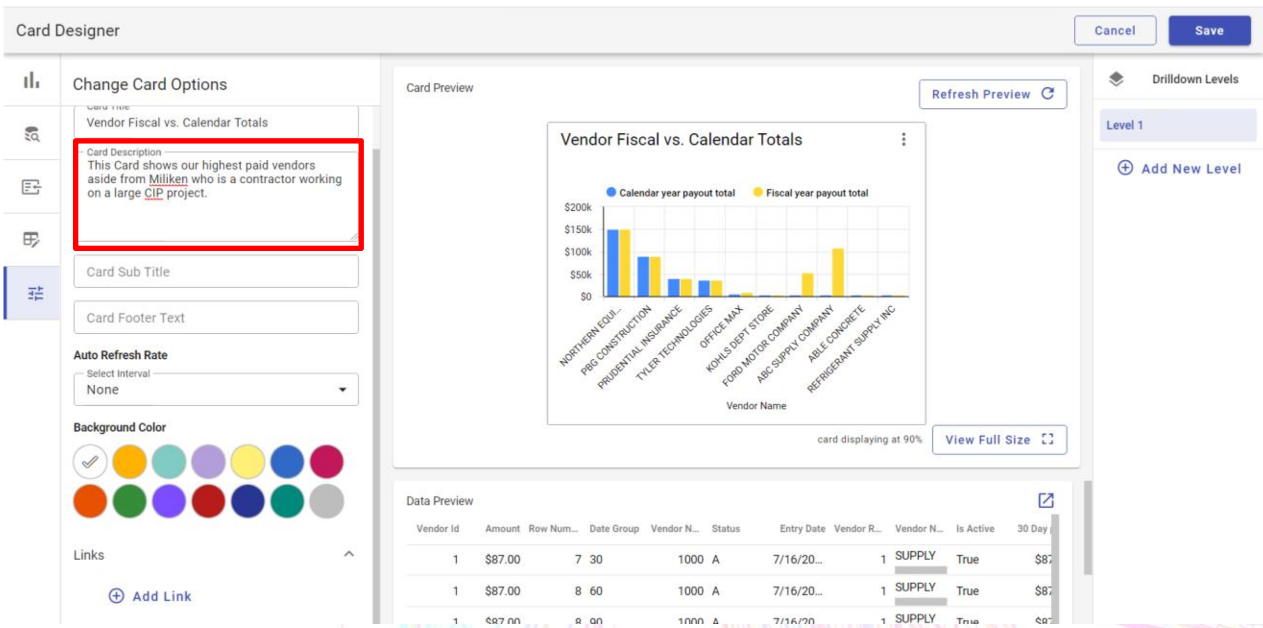
Select Data Fields in Card Designer

In Refine Selected Data, the Vendor Miliken can be filtered out. This vendor is the contractor on a large CIP project and is distorting the view the visualization. This vendor can be filtered out. To limit the find set, the Limit Results can be set to 10.



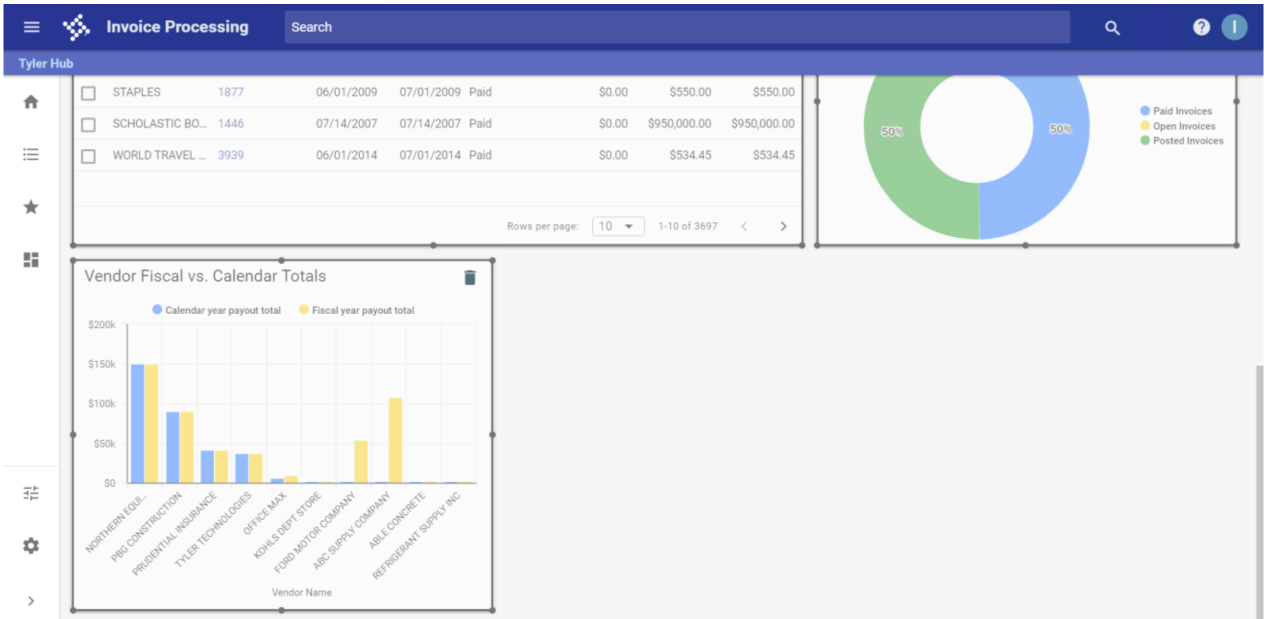
Refine Select Data Page in Card Designer

Anytime an exception is made, like the one to filter the vendor, it is important to share that information with future users of the Card. This can be shared in the Change Card Options portion of the Card Designer. This is also where a meaningful title can be added to the Card.



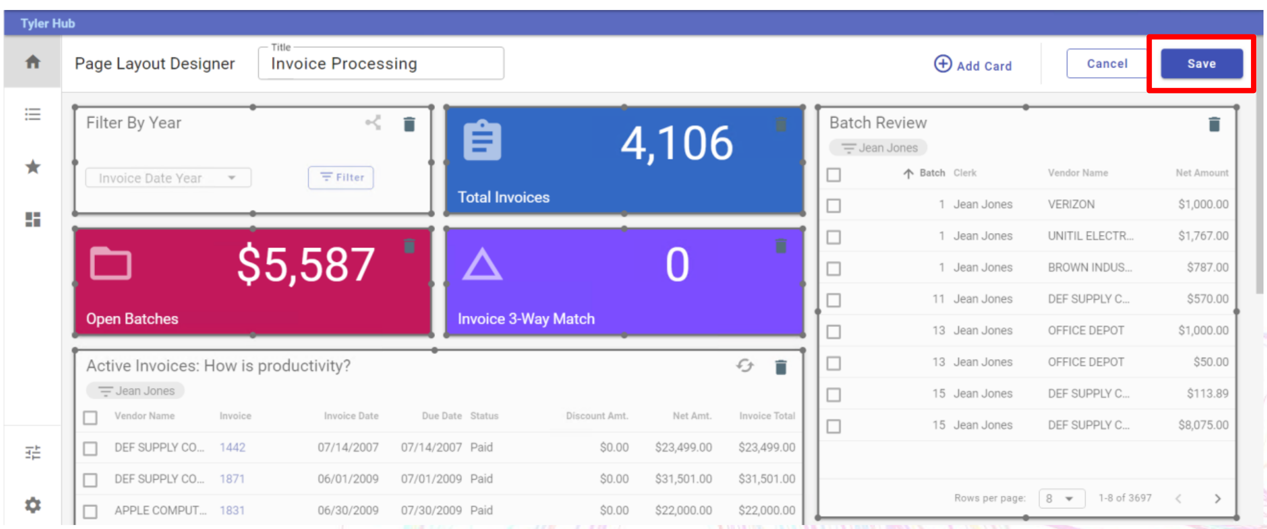
Card Options Page in Card Designer

Once customization is complete, the Save button on the top right can be selected to move the card to Hub Page.



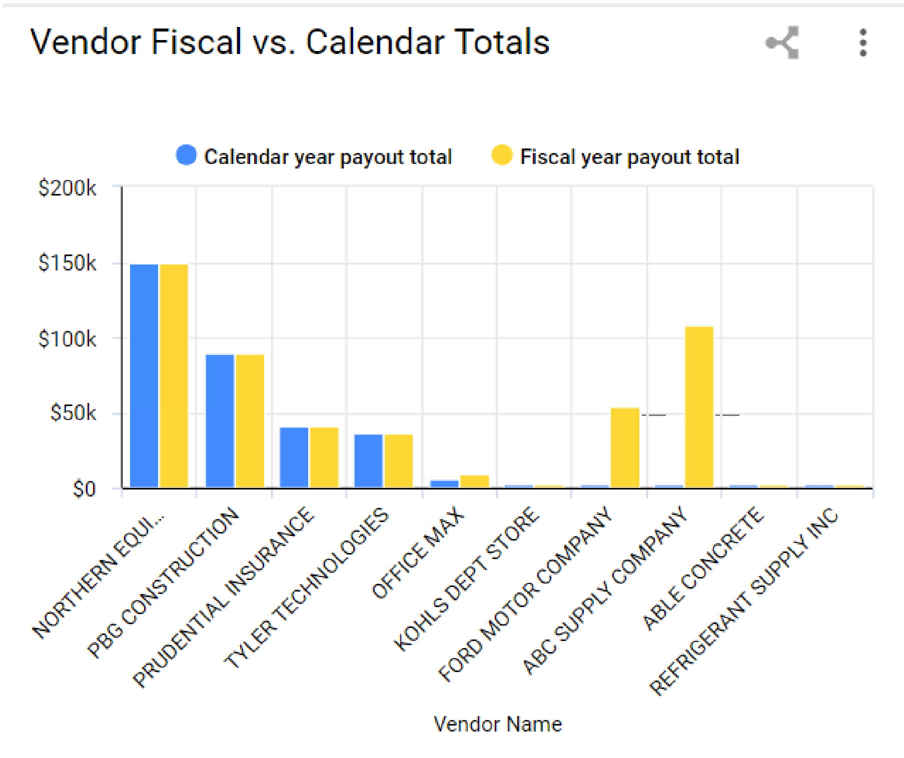
Updated Card being Placed on Hub Page

The Card will generally be added to the bottom of the Hub Page and the Card can be dragged into any area of the Page. Once it is placed, the Save option can be selected in the top right of the screen.



Saving Page Layout Designer

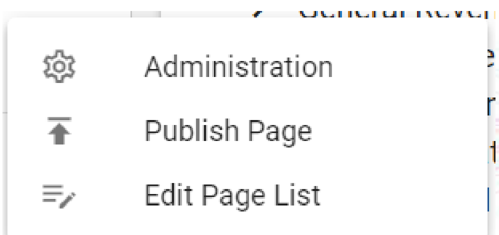
The newly designed Card is placed in the page and is ready to provide the user information.



Newly Designed Card

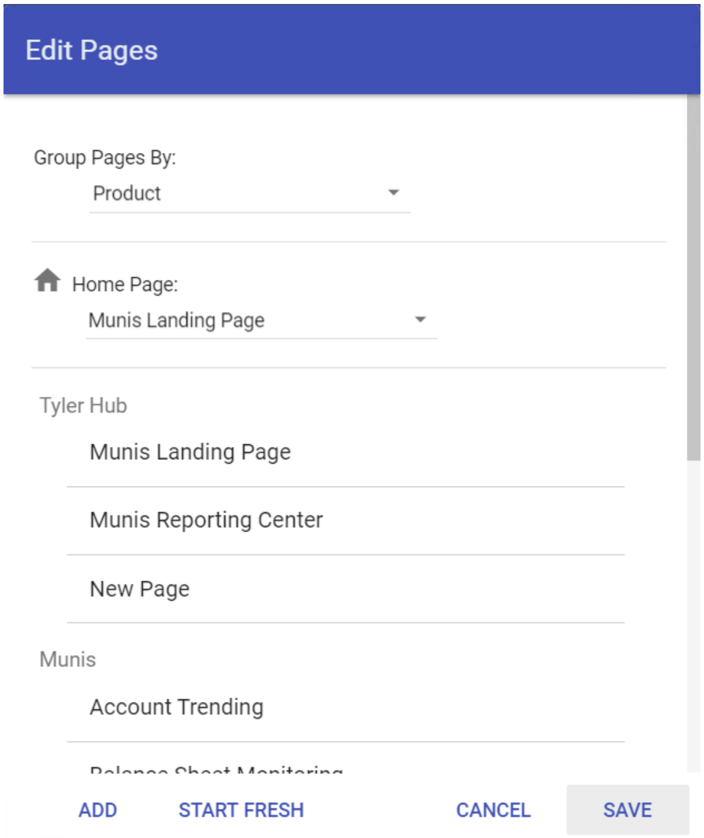
Editing Home Page

If each time you enter Tyler Hub you have to navigate to your preferred Hub Page, then why not make that page your home page? To do this, you can select Edit Page List from the Tyler Hub Menu.



Administrative Menu from Tyler Hub

In the Home Page drop down, the desired Hub Page can be selected. When launching Tyler Hub or clicking the Home button in Tyler Hub you will be directed back to the home page listed under Edit Page List.



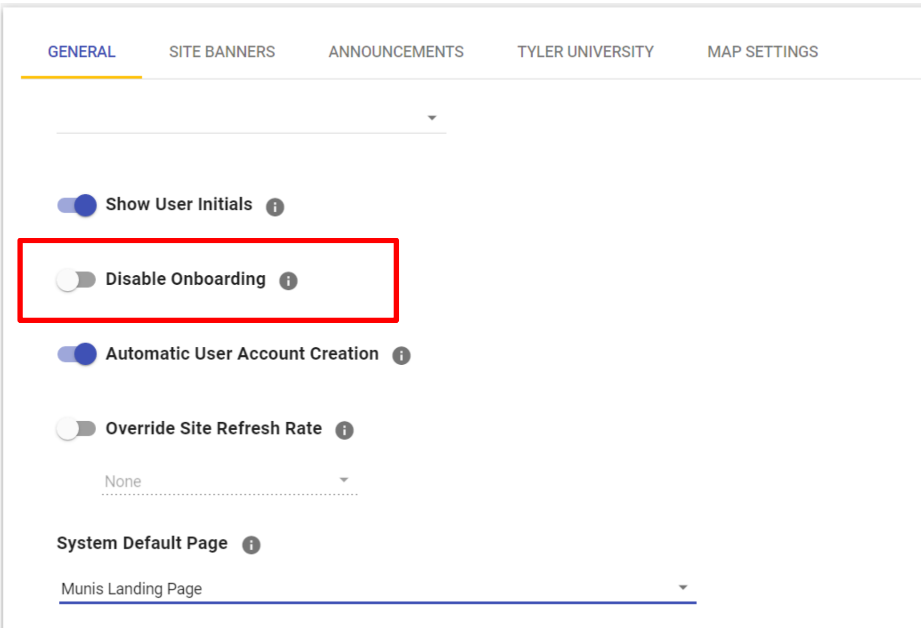
Personalizing the Tyler Hub Home Page

GLOBAL SETTINGS

Tyler Hub affords organizations the flexibility to display their own insignia, organization name, and logo in Tyler Hub. This is an organization wide configuration so that internal messaging, branding, and personalization can be applied.

Site Customization

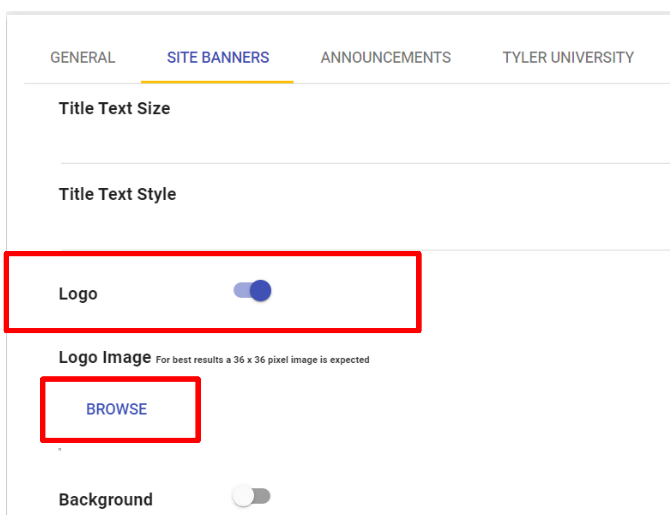
Disabling Onboarding is an option that will not force new users to go through the Tyler Hub Onboarding process. This is a choice that can be made if you have a go-live on a new to Tyler Hub application and you want to control the change the users are faced with on the first day of go-live. This can be toggled at any time.



Tyler Hub General Settings to Disable Onboarding

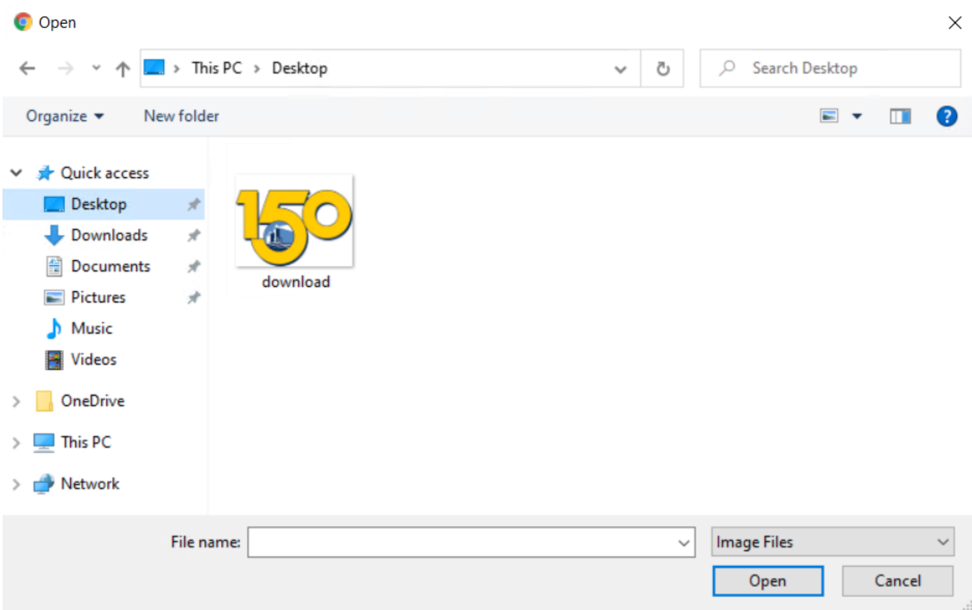
Settings, Banners, and Logos

The site banner can be selected to display environment information (Prod, Train, Test), organization name, or any other label you would like. This is helpful for IT groups managing multiple entities, so you can be sure which environment you are working within. To update the Logo, any small image can be used, square images are best. On the Site Banners tab in Settings, select toggle switch next to Logo and select the browse button to choose a file from your computer.



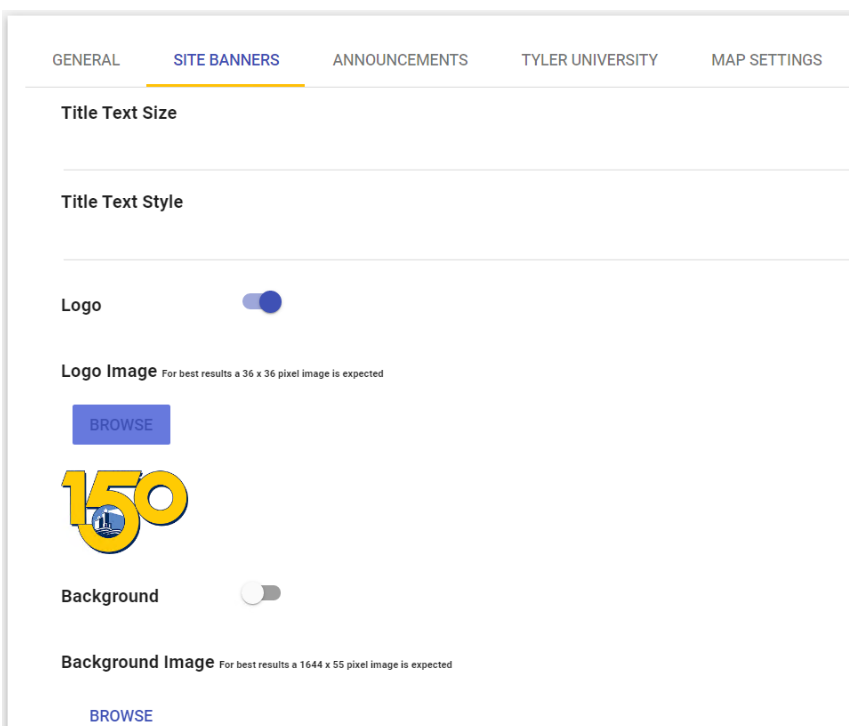
Tyler Hub Site Banners Management Screen

Select the file from your computer. Image file types like jpeg, png, etc. are expected.



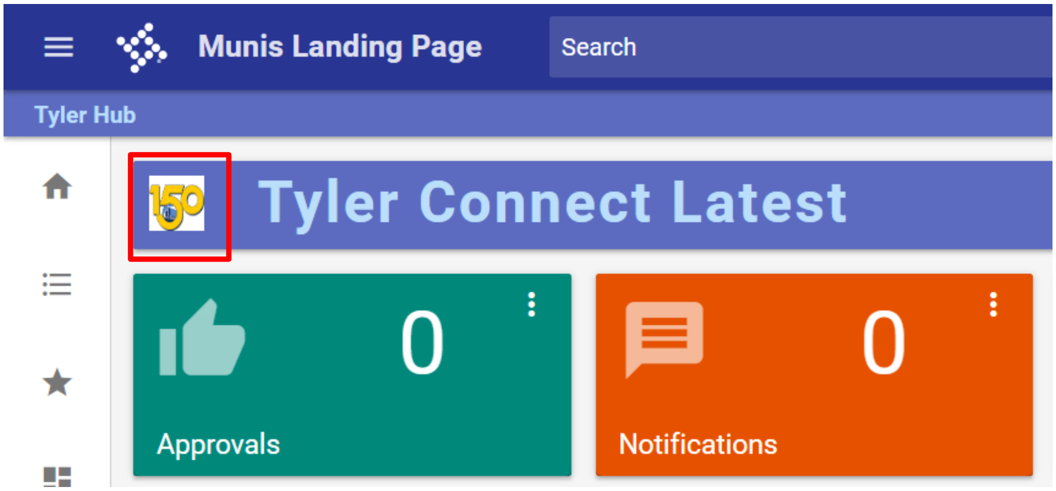
Selecting Logo for Tyler Hub

A preview of the logo will appear in the Banner Settings screen and the formatting can be saved.



Publishing the Logo Change

The logo will be visible in the Tyler Hub Banner once reloading Tyler Hub. This is a great opportunity to share the branding for current initiatives, anniversary celebrations and more.

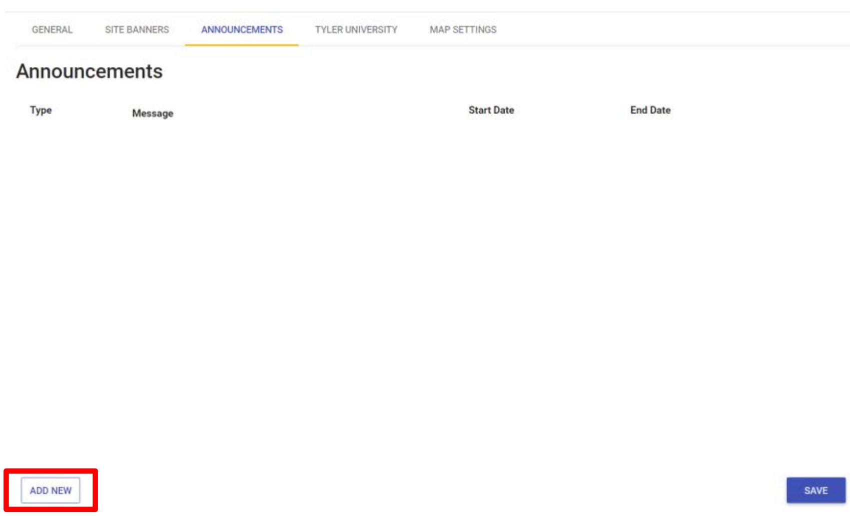


Tyler Hub Displaying the New Logo

Announcements

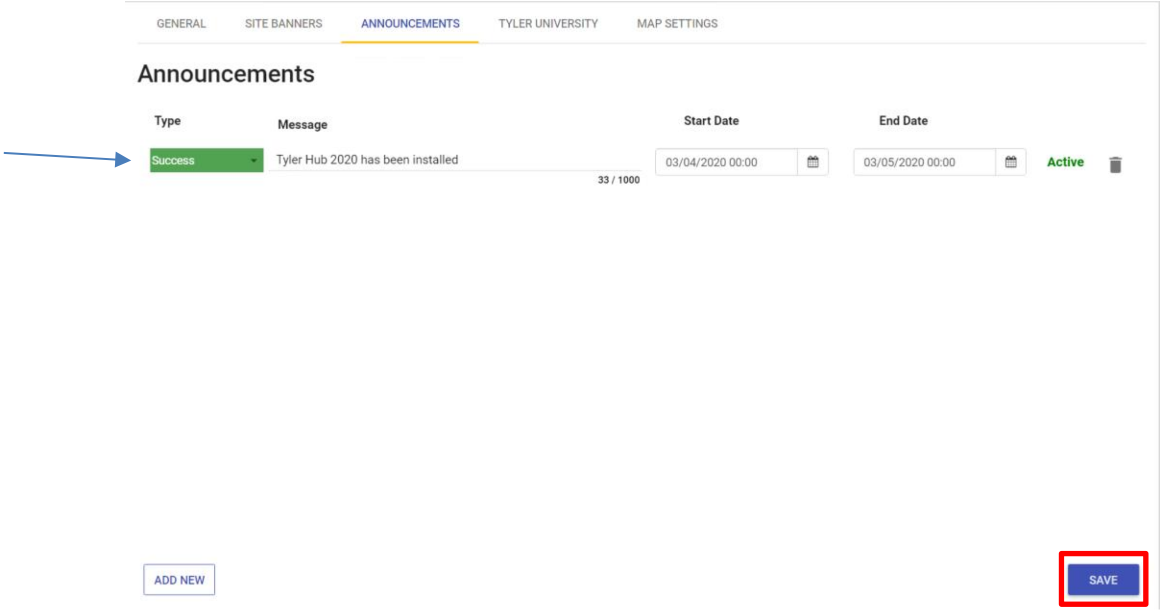
Announcements are useful messages that will alert users when entering Tyler Hub. This is a great way to reinforce business practice changes, outages, and scheduled maintenance. They can be set up in Hub Settings under the Announcements tab. Announcements can be scheduled to begin and end. The type and message are also customizable.

Click Add New at the bottom of the window to add a new announcement.



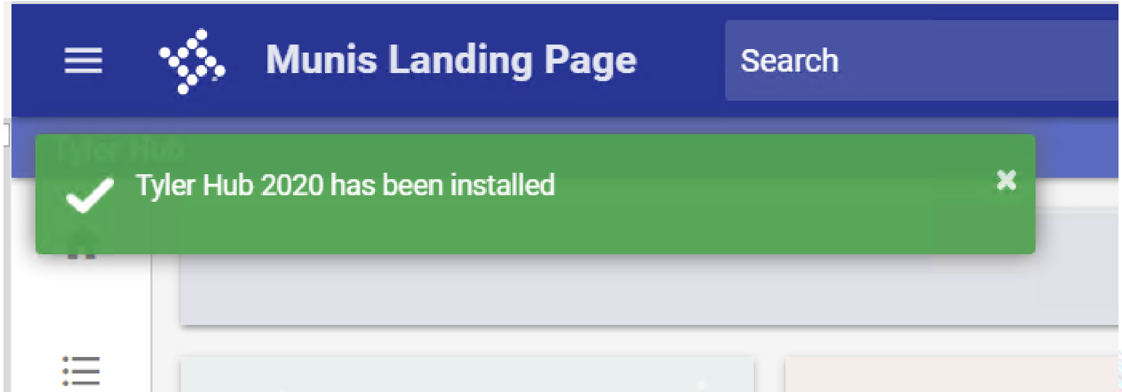
Announcements Configuration Screen

Select the Type, Message, Start Time, and End Time. Then click Save.



Successfully Created Announcement

Below is the displayed alert. This can be dismissed by the user and it will not display again.

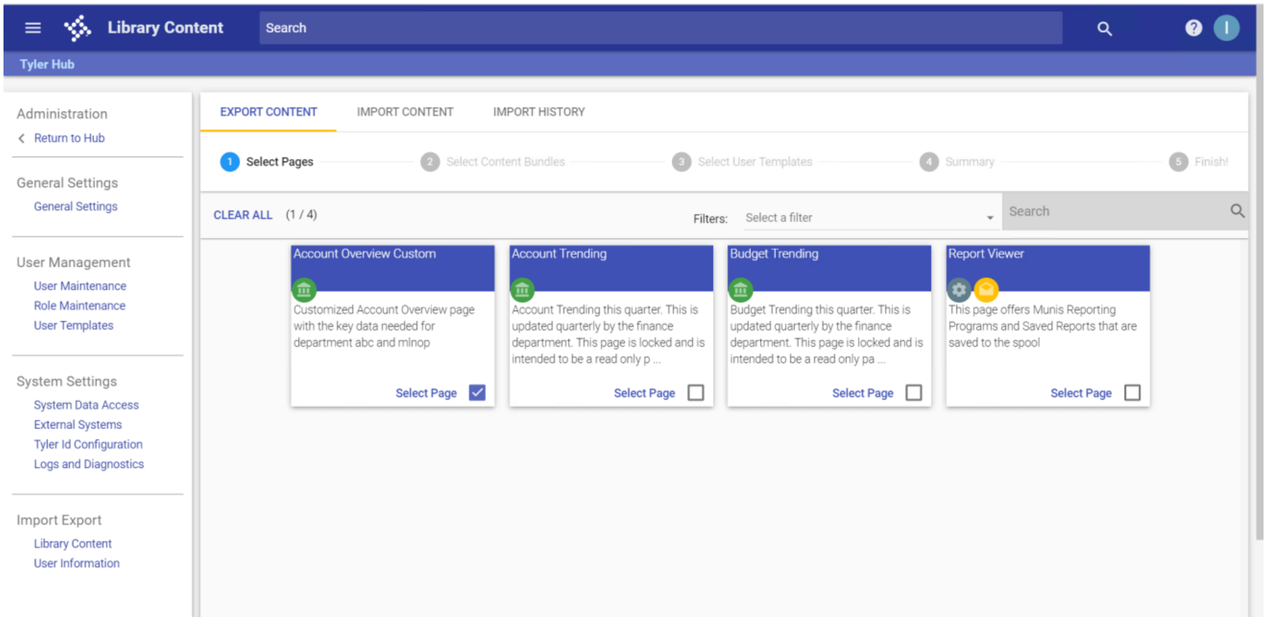


Announcement in Tyler Hub

Export/Import

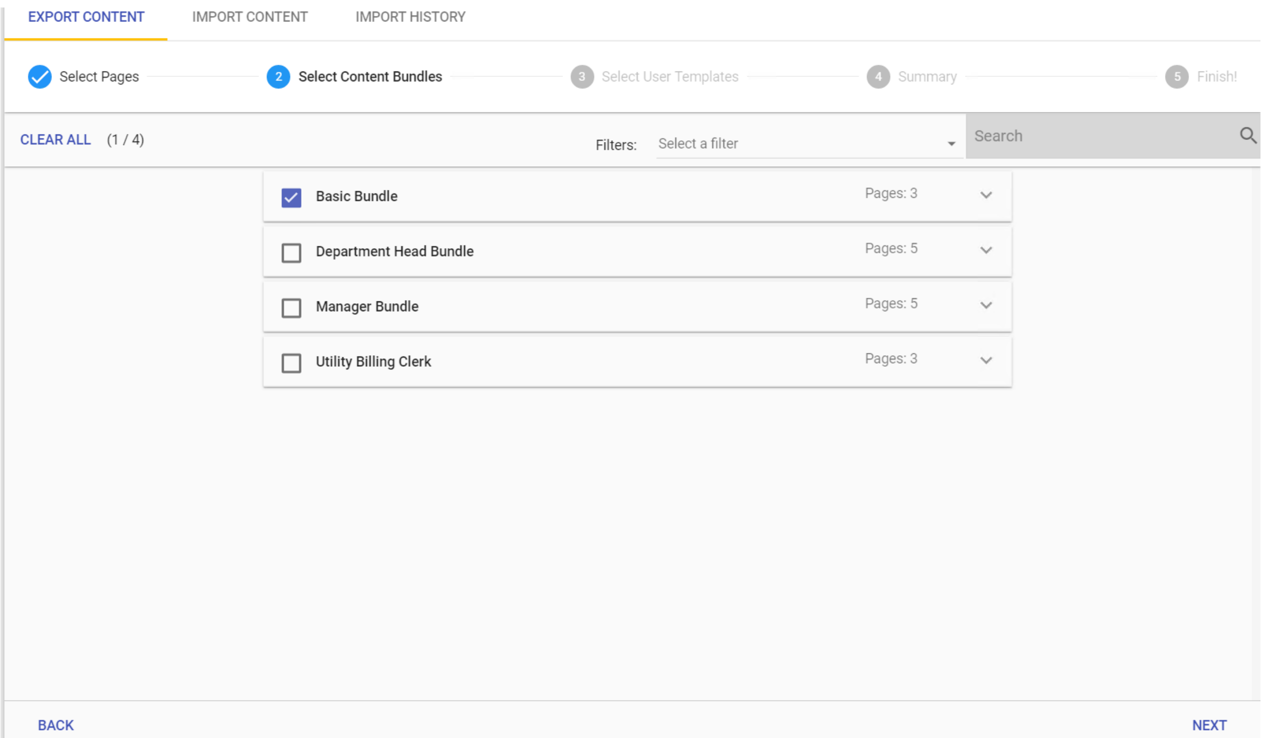
Like Munis Permissions and Workflow, Tyler Hub's Content Library content changes can be made in Tyler Hub's non-production environments, exported, then imported into production. This will allow changes to be fully tested without impacting business and then applied without changing each individual's permission, role, or content.

In Administration, select Library Content from the Administration menu on the left. This will display the Export Content tab. Select this tab and select which content is to be exported.

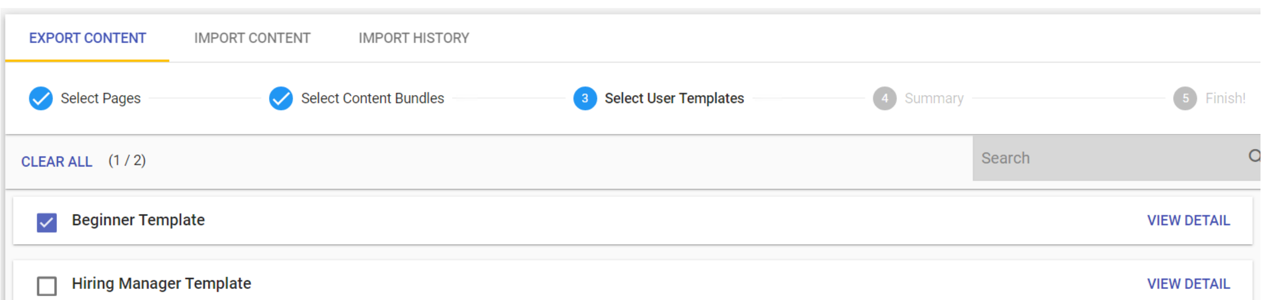


Selecting Content to Export in the Export Content Screen in Library Content

After selecting the Pages, content bundles and templates can be selected. This is a good opportunity to define your end user basic bundle in test and then import it to production.

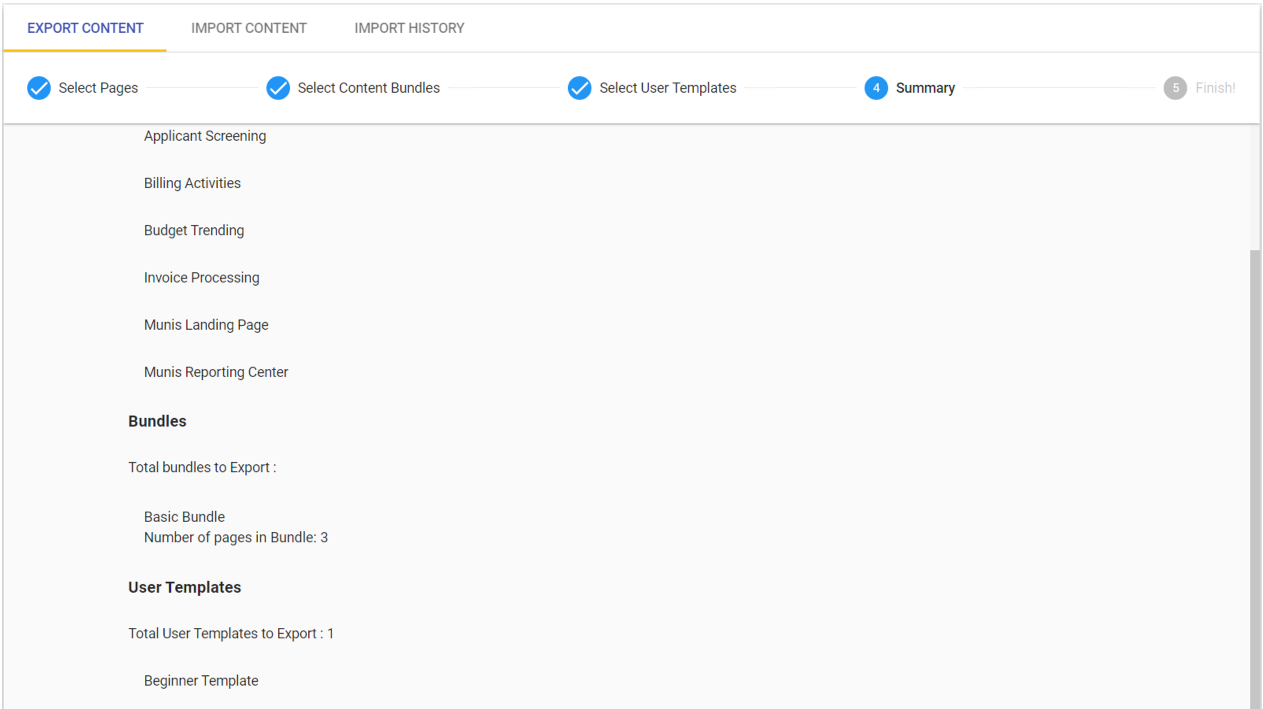


Selecting Content Bundles for Export



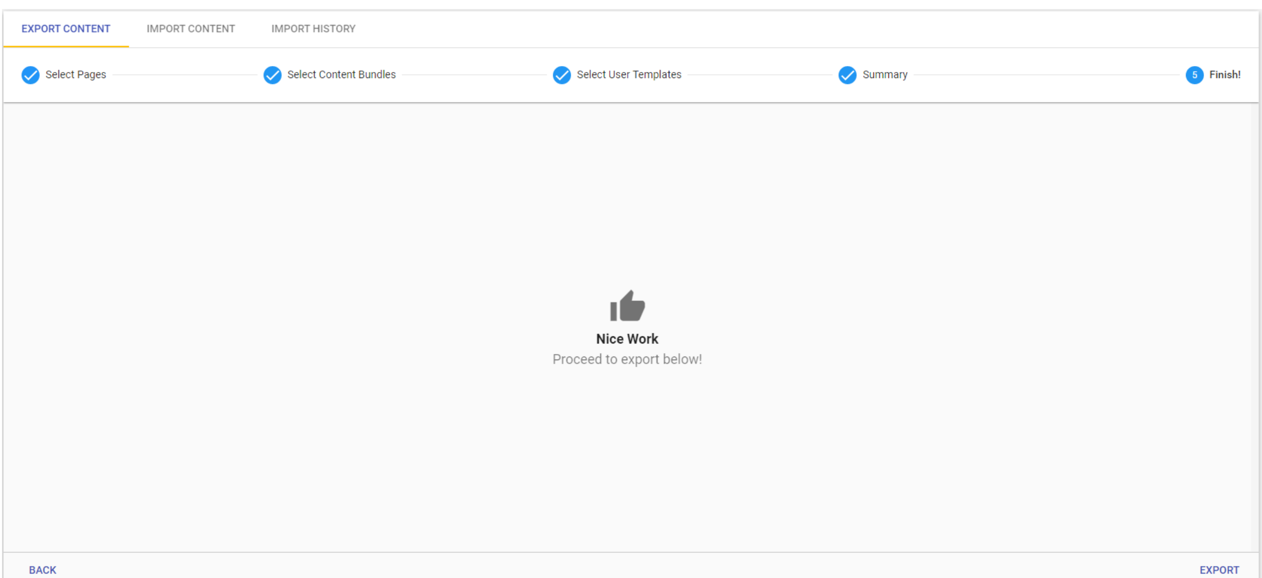
Selecting User Templates for Export

Once the content is selected, the summary page will detail all items being exported. And the Export can be completed.



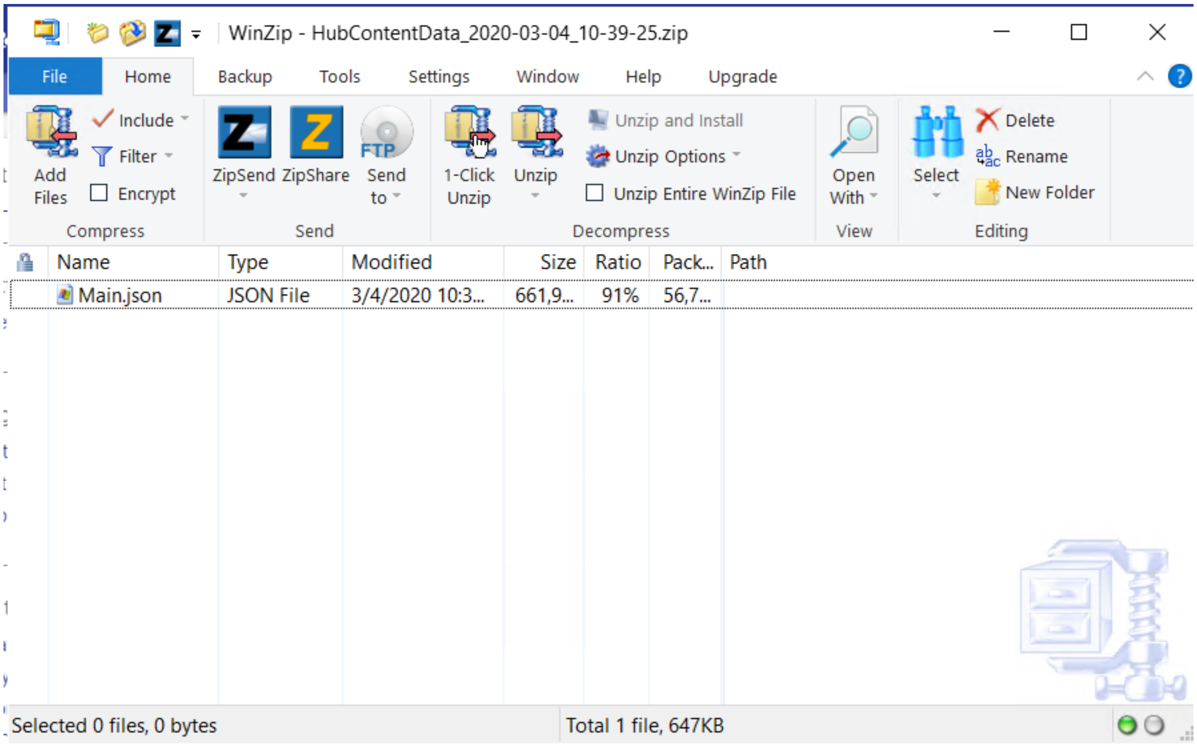
Reviewing the Exported Selections

Exported file will be available for download from your browser.



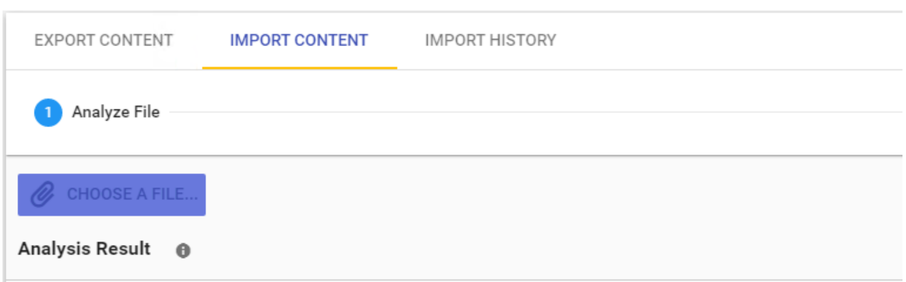
Export Content Export Screen

The downloaded file is a .zip file containing the json file needed to import back to Tyler Hub to upload the content.



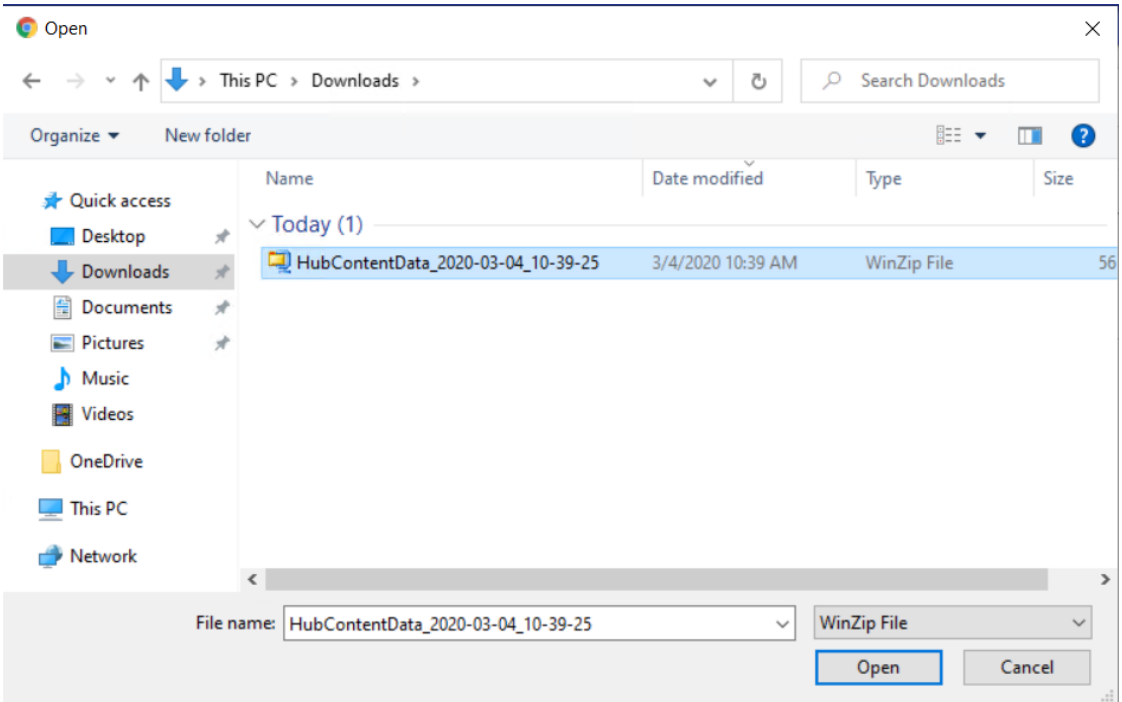
Exported Content in Local Directory

To perform the import, go to the Import Content tab and select Choose a File…



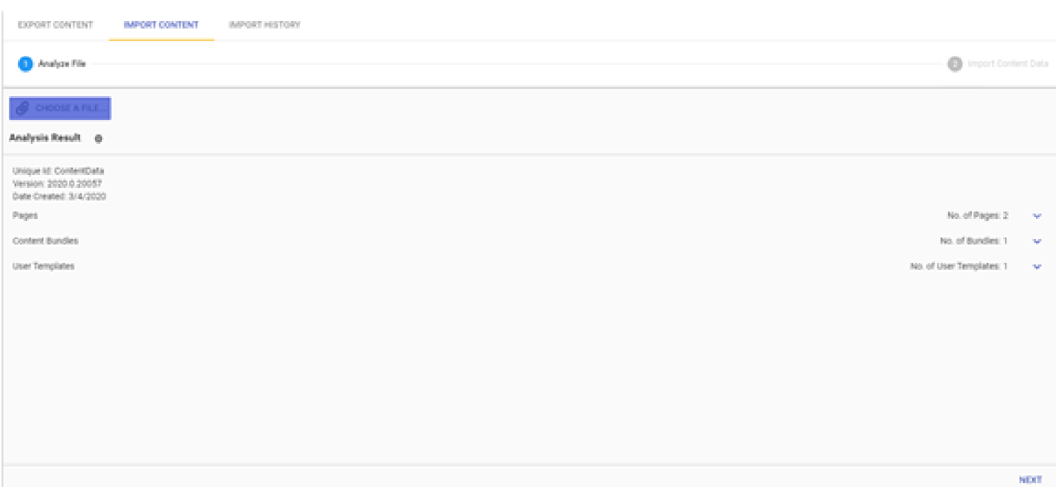
Import Content File Selection

On your computer, select the json file that was exported from your Tyler Hub source.



File Explorer File Selection for Import

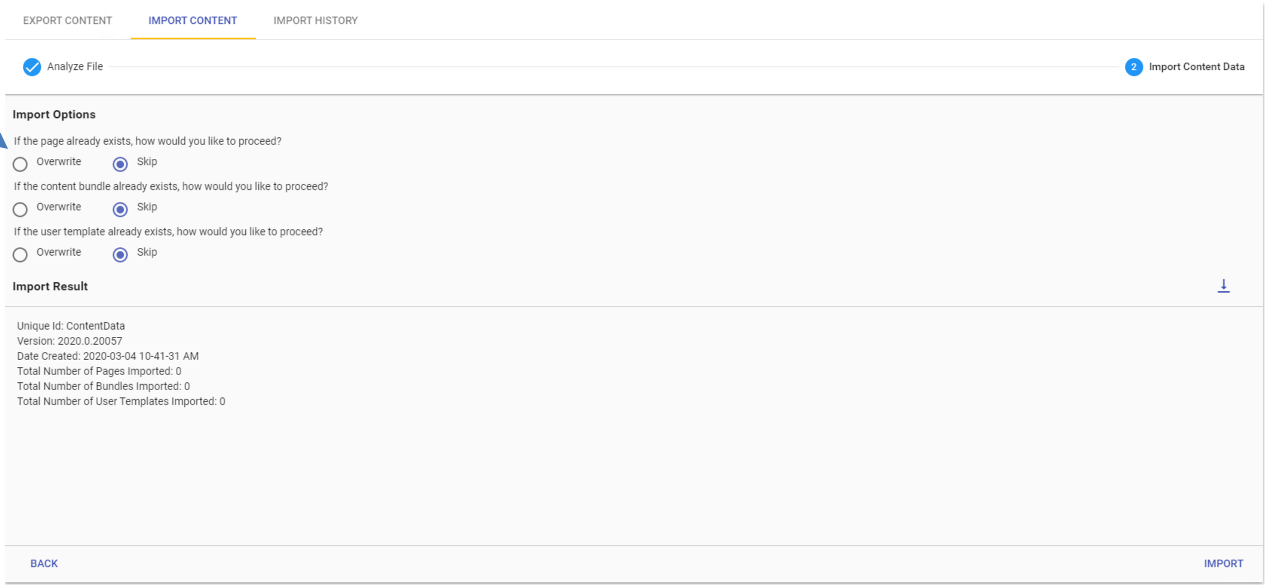
The summary information, like the export summary, will preview and then the content can be imported.



Content Import Summary

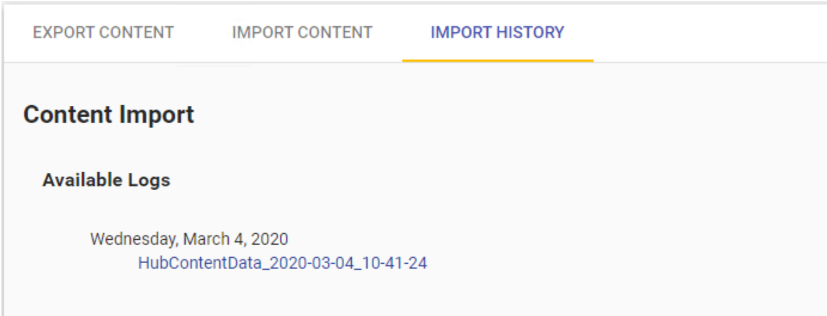
Any duplicates will be listed, and each can be skipped or overwritten using the radio buttons listed in the Import Options.

The content will import with the result listed in the lower part of the Import Content screen.



Import Results Summary

This import will also exist in the import history.

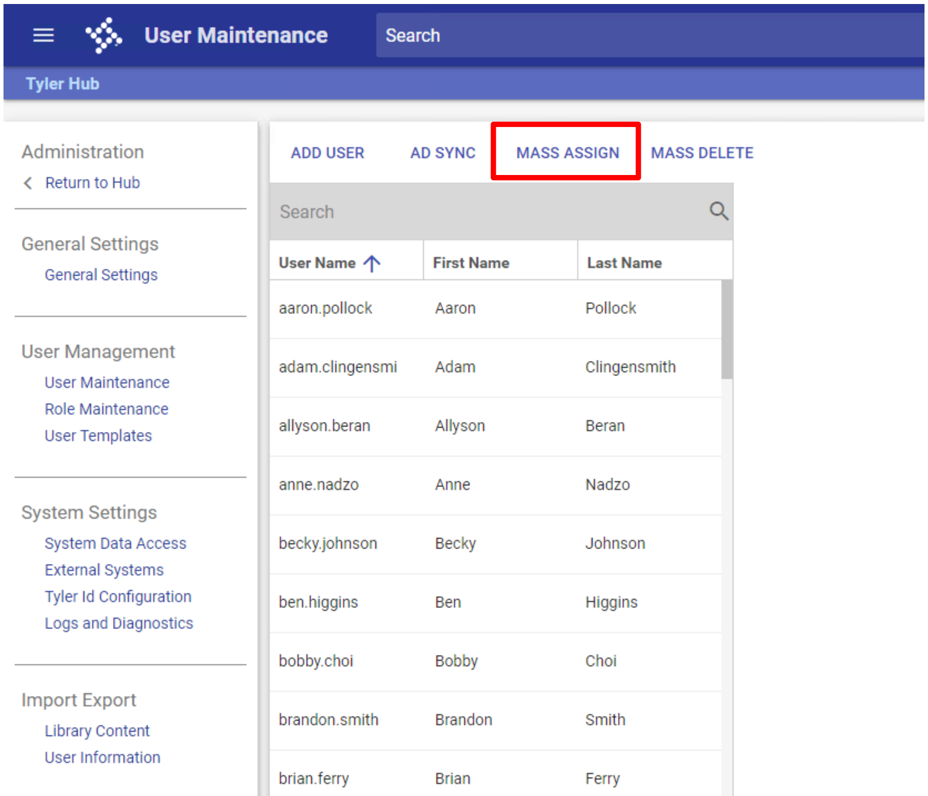


Import History

User Administration

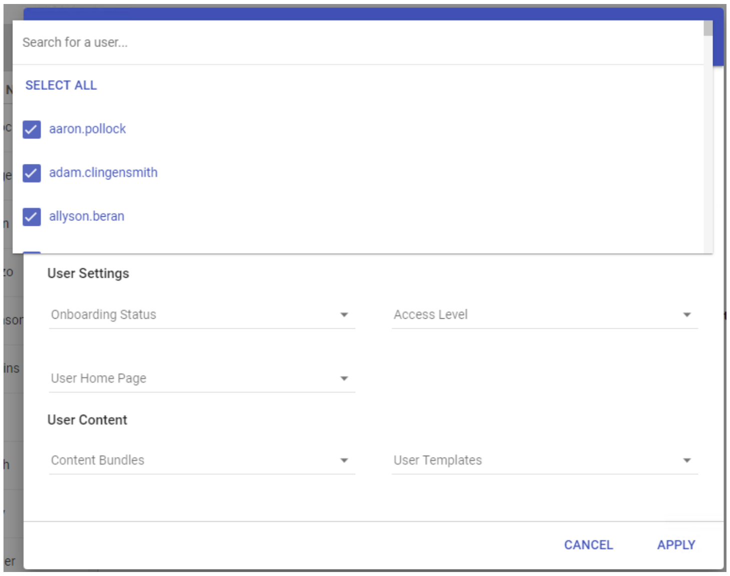
User Administration allows for permission and roles to be assigned to a user. It also allows for content to be pushed to a user's account. This will help drive adoption of specific sets of content. This can be achieved a few different ways.

To make mass changes, like turning on or off the onboarding feature for specific users or pushing out a content bundle, navigate to the User Maintenance section of Hub Administration. Select Mass Assign from the User Maintenance screen.



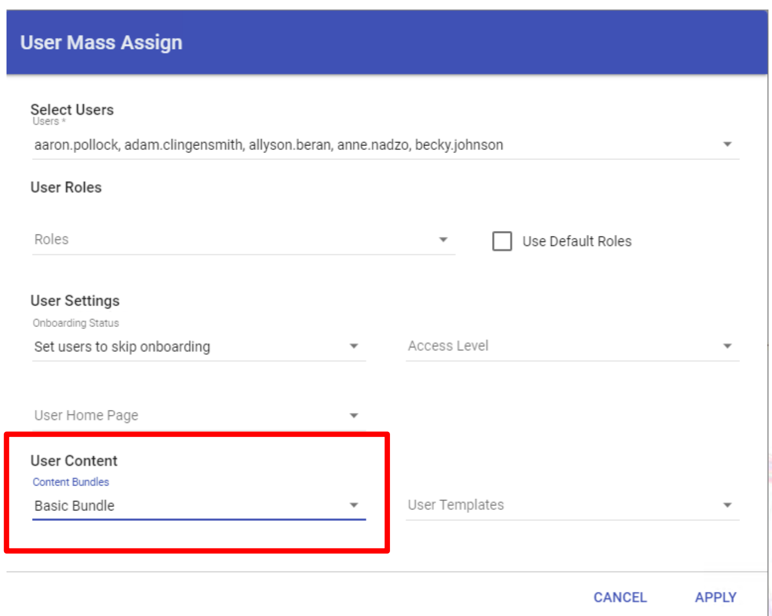
User Maintenance View

From the Mass Assign screen, you can select as many users as you want to update.



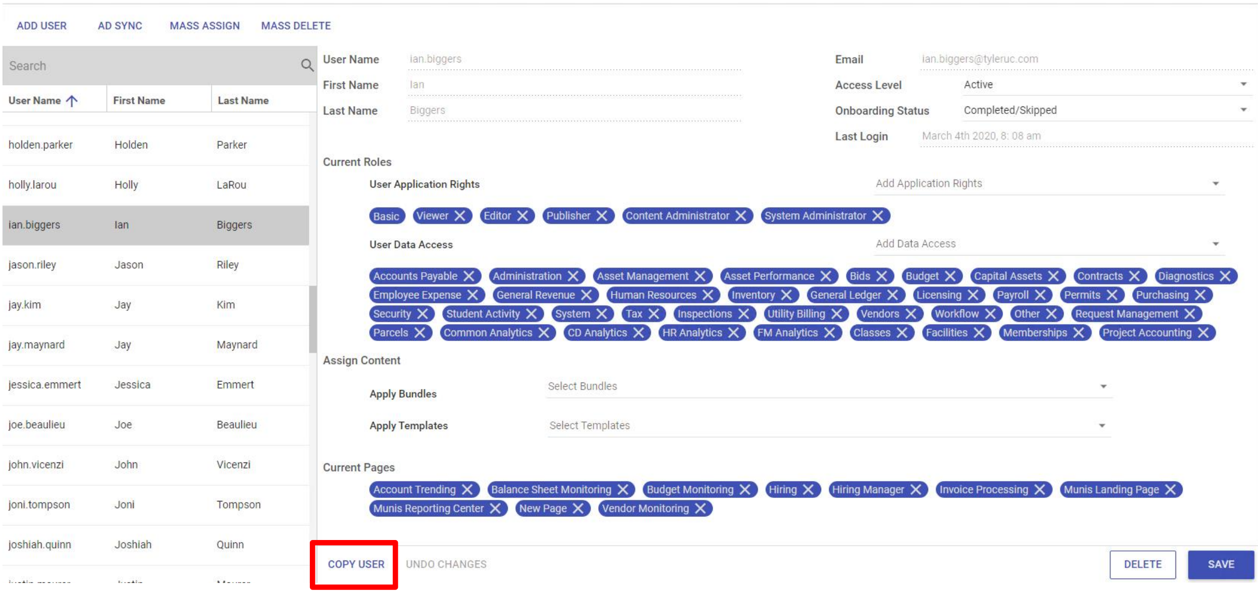
Mass Assign User Selection

Select the change you want to assign to all users, in this case a Bundle. Clicking Apply will push this bundle to all the listed users.



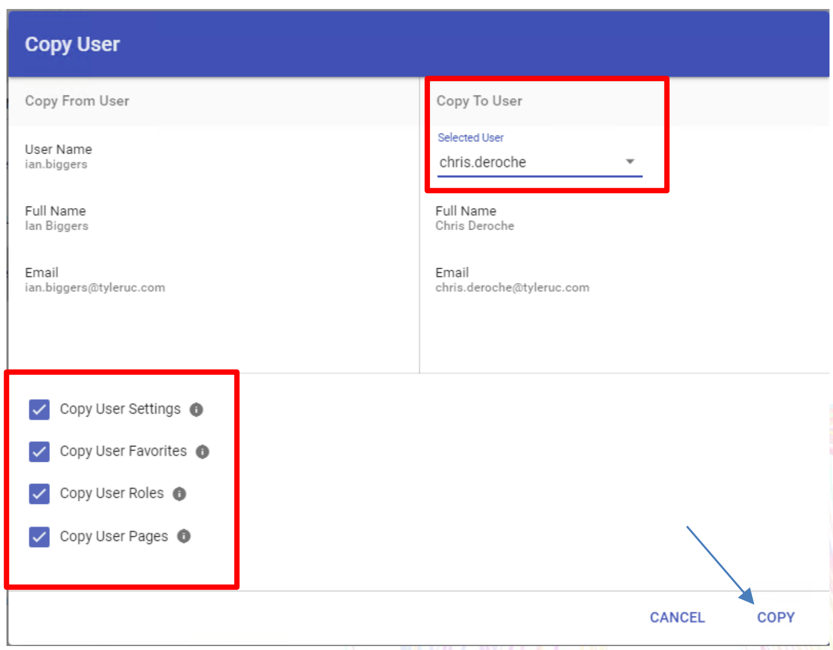
User Mass Assign Parameters

If a new user should have the same access as another existing user, you can copy that user. To do this, find the user in User Administration and select the Copy User button.



User Administration

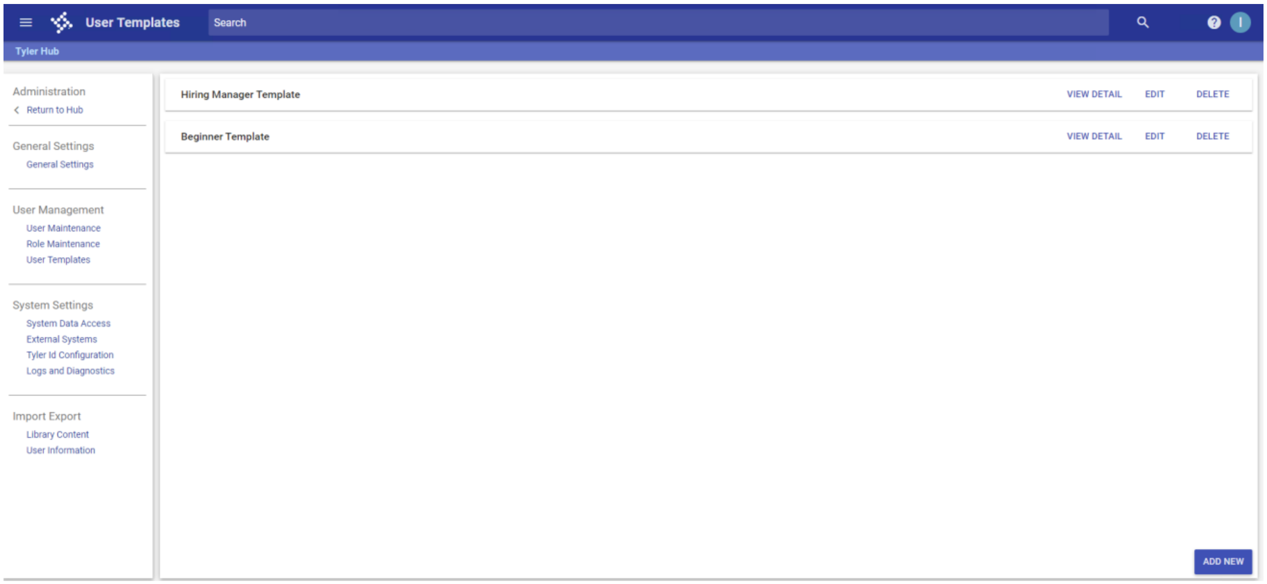
This will launch the Copy User screen. This program will allow the user in User Administration to be copied an existing user, so the new user must be added first. Select the user from the drop down and select which content to copy, then click Copy to apply the content and settings.



Copying from One User to Another

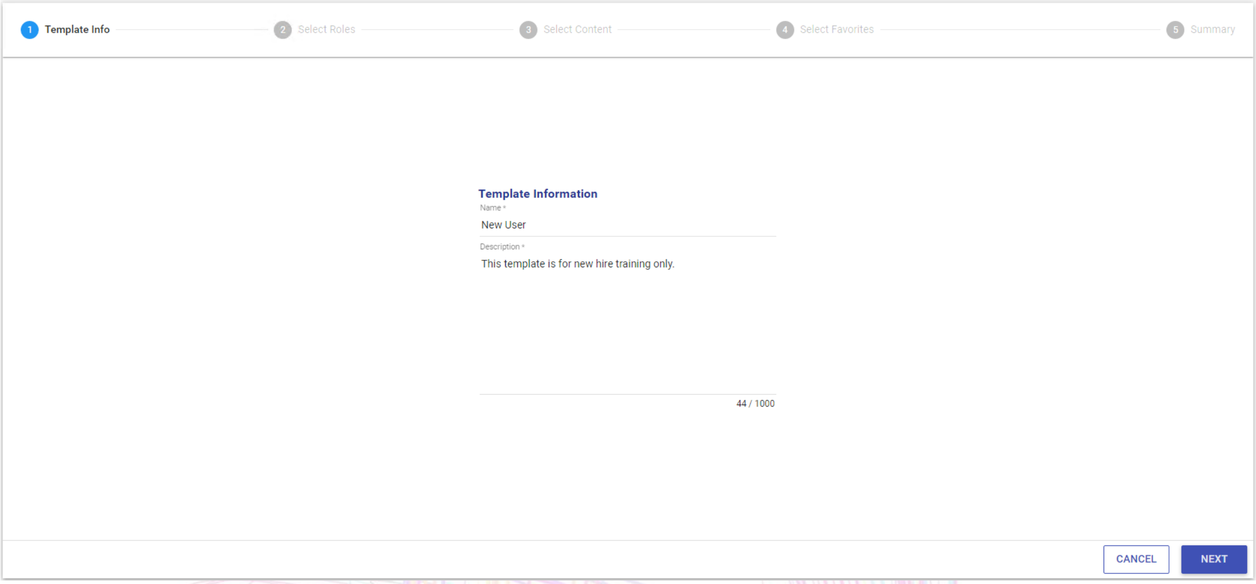
User Templates

User Templates are a great way to streamline the addition of users into Munis. It also allows for changing a user’s access quickly without going through user maintenance, role maintenance, and individual content assignments. In User Templates, select Add New from the lower right of the User Templates.



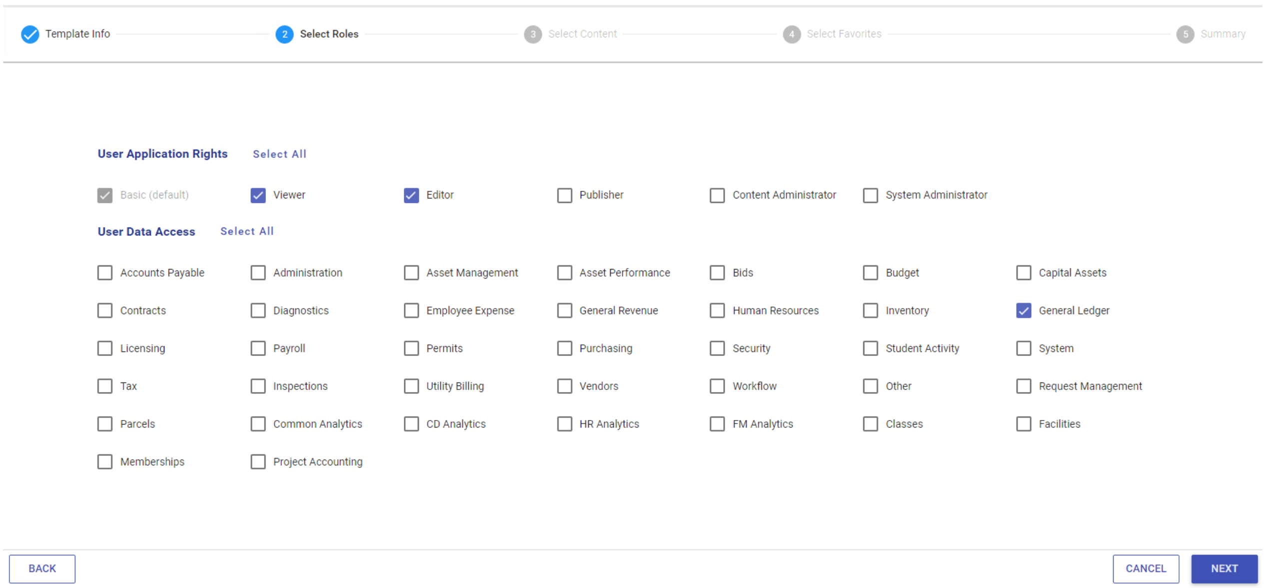
User Templates

In the Add wizard, enter the general Template Information, including the name of the template and the description. Click Next to move to the next step.



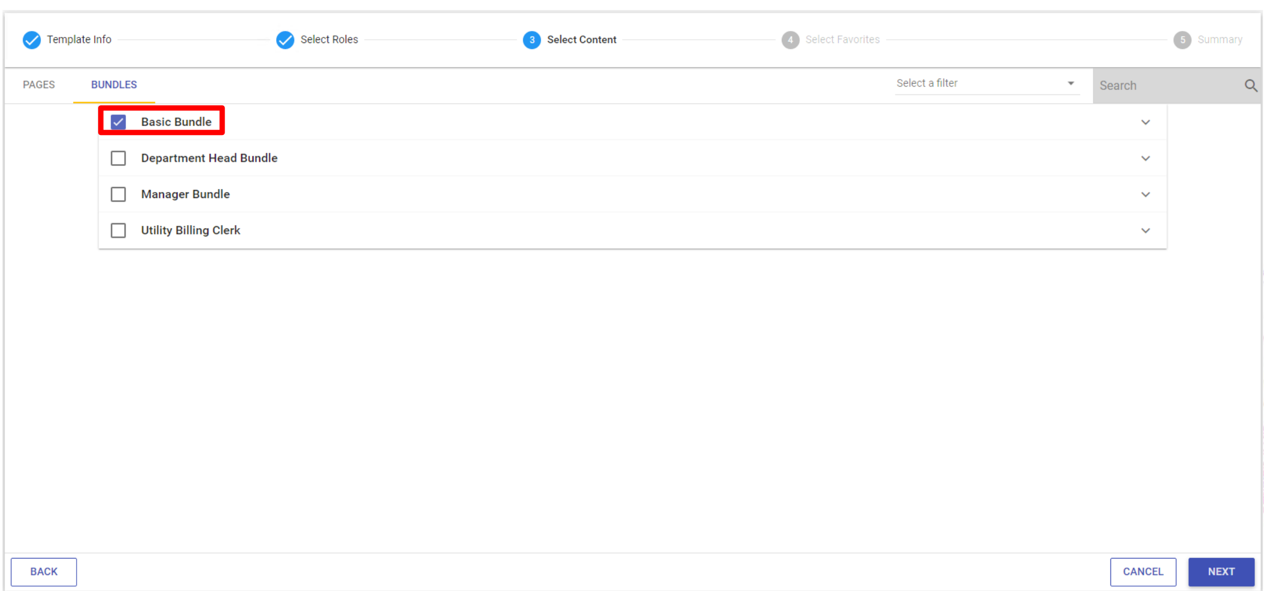
Adding a New User Template

Under Select Roles, select the User Application Rights and User Data Access that should be applied to this template. Click Next, to move into selecting the Content.



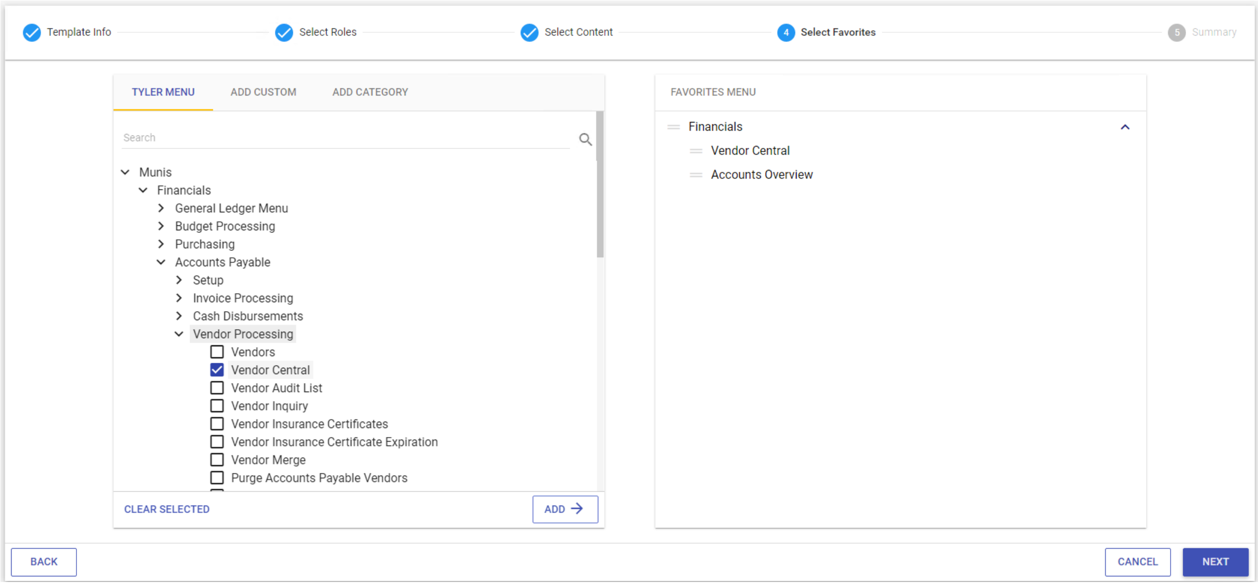
Selecting New Template Roles

When selecting Content, individual pages and bundles can be selected. Here choose a Bundle to be applied to all new users. Click Next to continue.



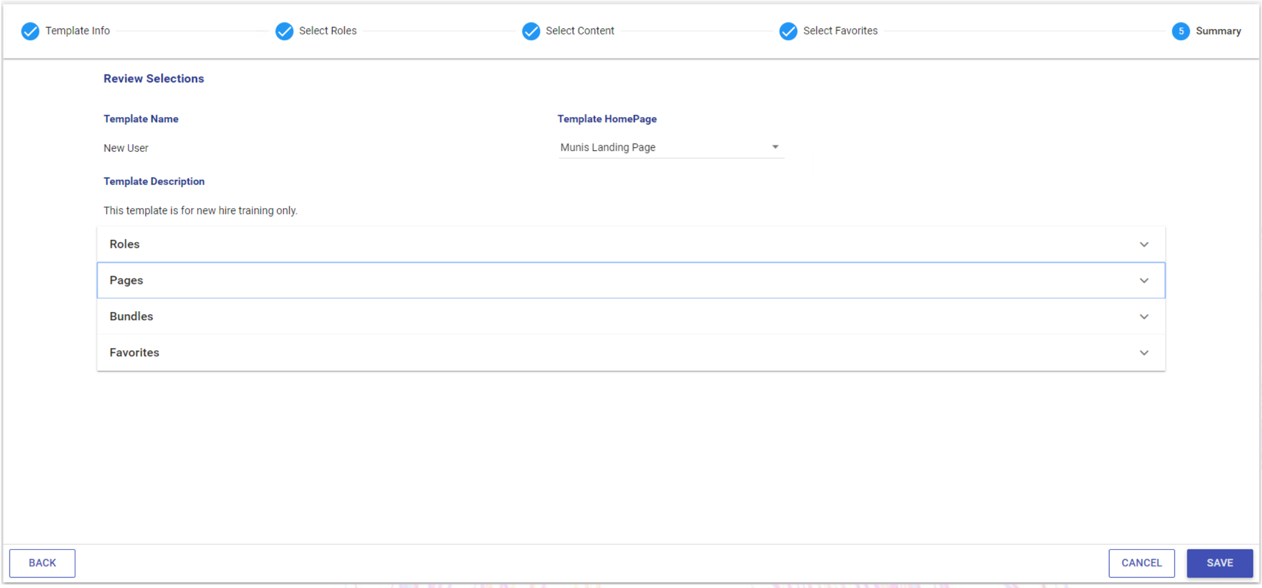
Selecting New Template Bundles

A major benefit to Templates is adding pre-build favorites for the new users. Using the menu, select the programs which should appear on the Favorites menu for the user. The Add button will move them into the Favorites menu. Click Next to move to the Summary.



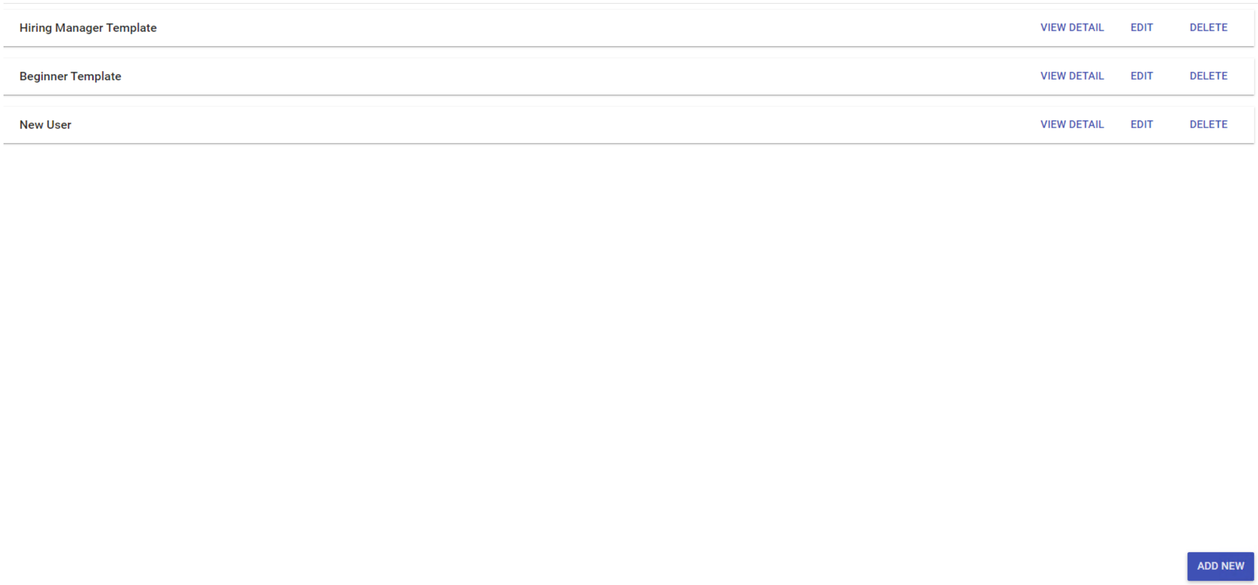
Selecting New Template Favorites

In the Summary, select the Home Page for the new user and review the selected content. If everything is correct, Save the template for use.



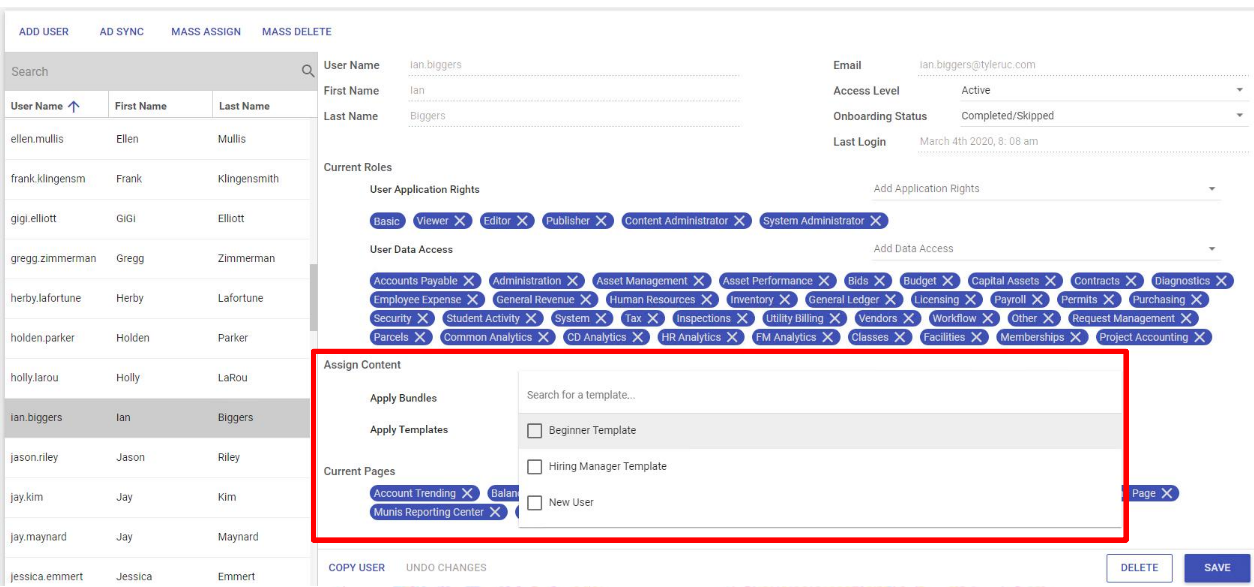
New Template Summary of Selections

The new template will be available for use in the User Templates list.



New Template Available in Templates List

To assign a template to a user, find the user in User Maintenance. In the Assign Content section, select the template from the dropdown. Save the changes to complete.



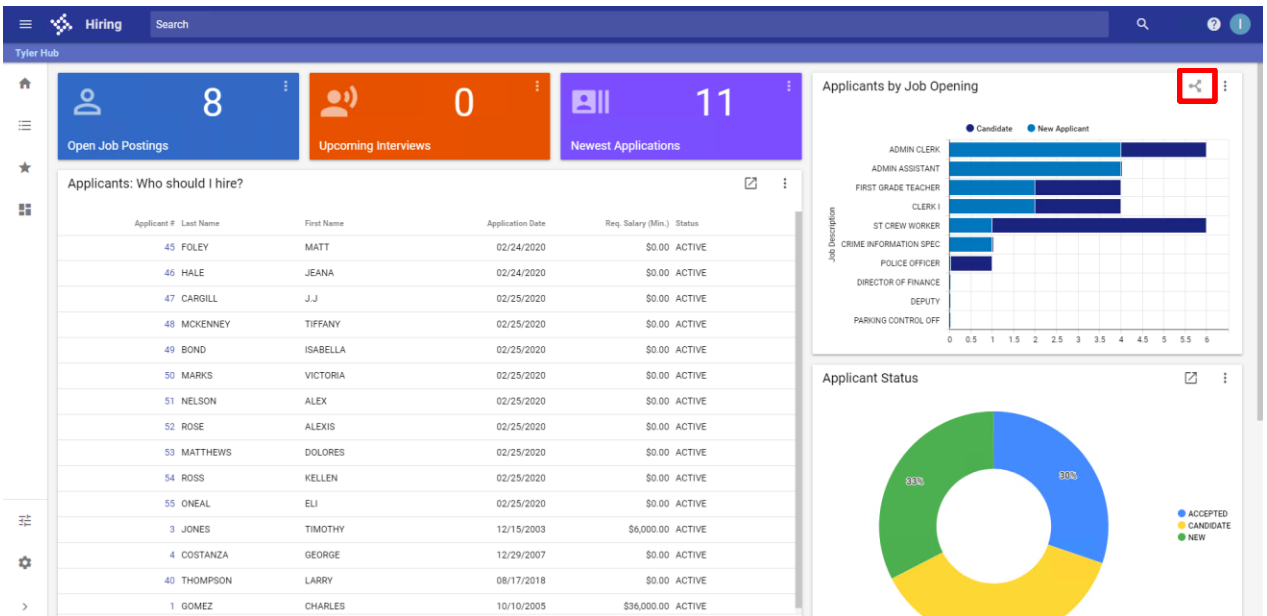
Applying Template to User in User Administration

DATA ANALYSIS

From its beginning, Tyler Hub was designed to provide data analysis and reporting. While it will not replace your custom or canned reports, it can be used to surface the most important or frequently queried items.

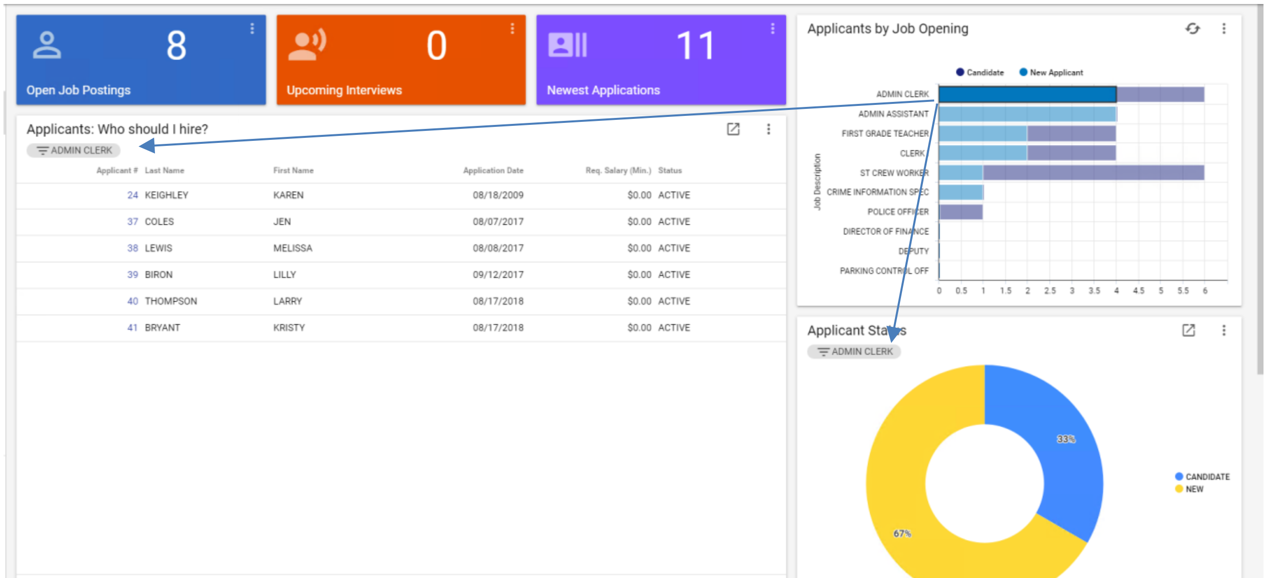
Filters

Filters can be applied in a couple of ways in Tyler Hub, utilizing cards. One way is by using a card to filter other cards. The card that can perform filtering of others is called the origin card and is denoted by the symbol below. This means clicking on a chart element in that card will filter data in other cards.



Tyler Hub Page with Filter Designators in Certain Hub Cards

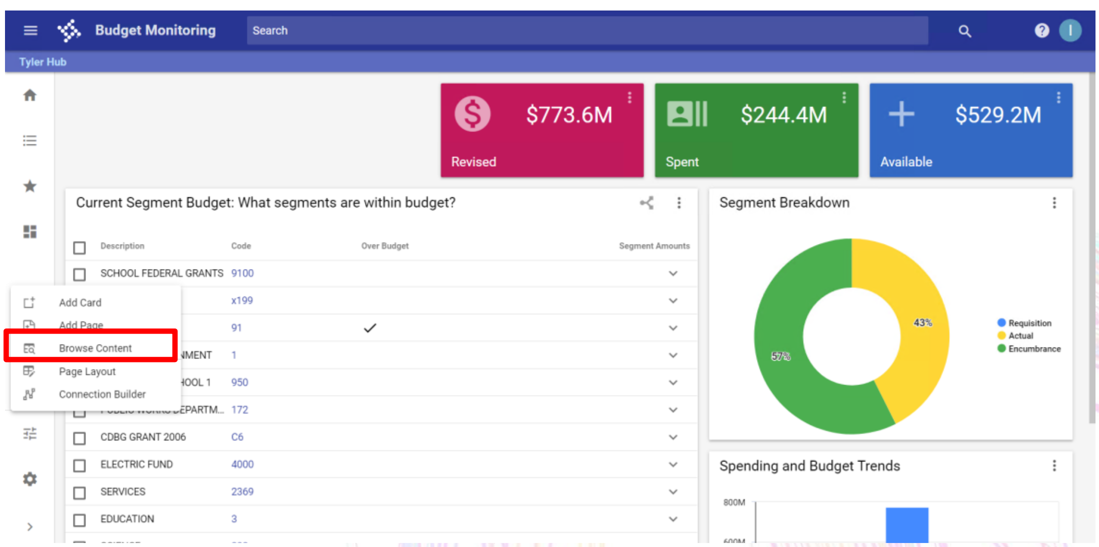
By clicking the Admin Clerk, New Applicant chart element, the Applicants and Applicant Status visualizations will update. The cards will only include applicants that fit the job opening of Admin Clerk and the status code of new applicant. Filtering on the cards is denoted by the drilldown label within the card.



Hub Page Filtered Based on Applicants by Job Opening Chart Selection

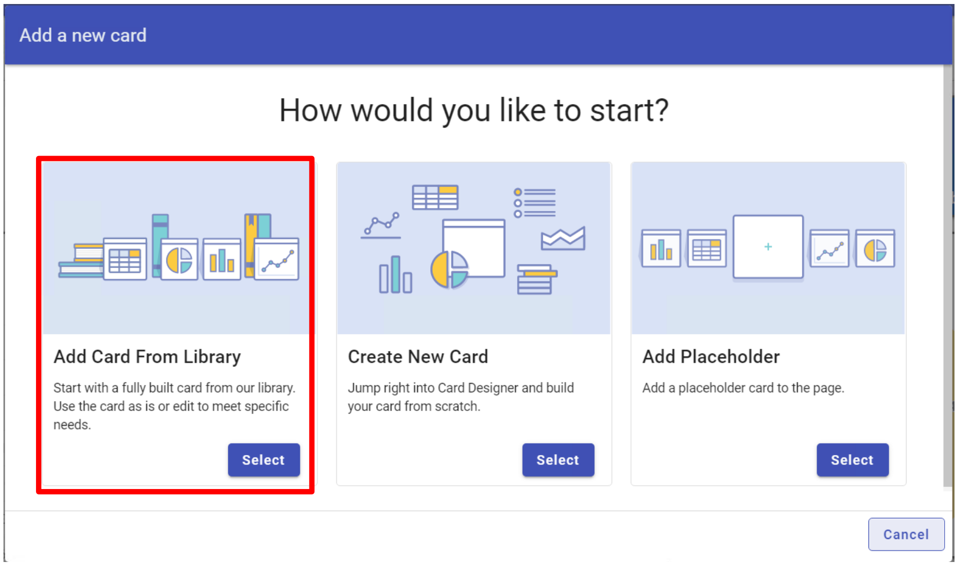
Connecting Cards

Cards will filter from the origin card once a connection has been established. To create a filter card, the card must first be added. On this Budget Monitoring Page, it would be helpful to have a Fund filter, so only certain funds could be reviewed. To add a card, select the Add Card option from the Edit Content menu.



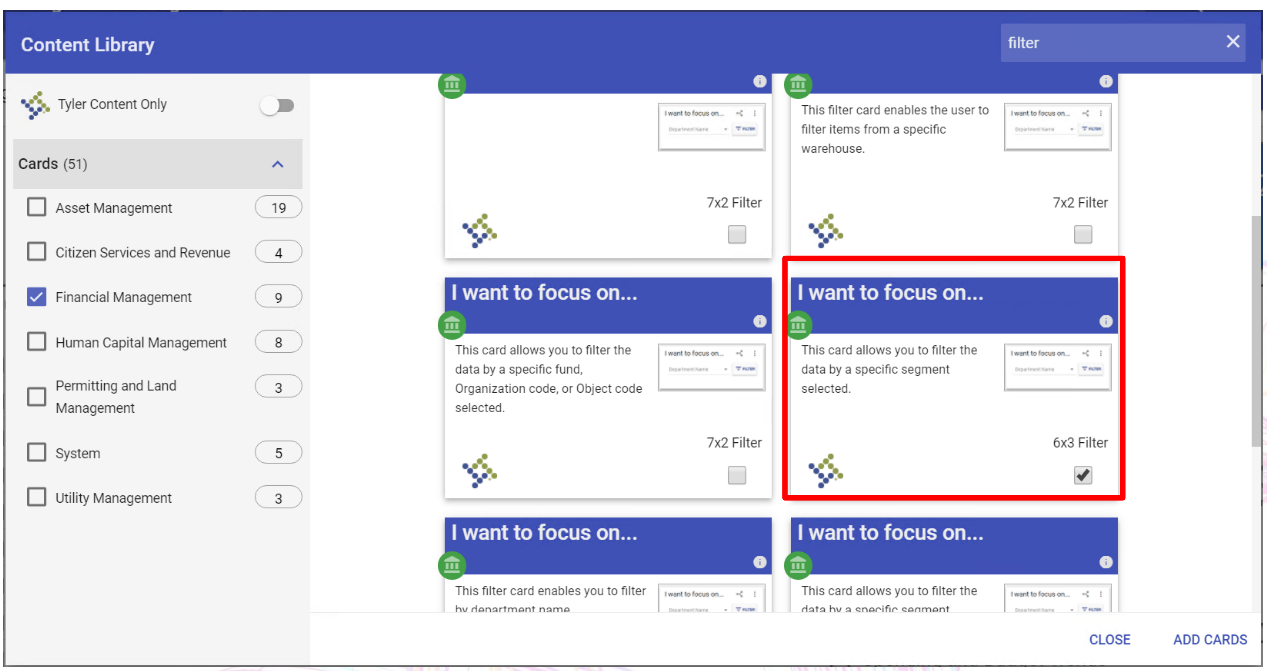
Selecting Add Card from the Content Menu

When adding the new card, several filtering cards already exist, selecting Add Card from Library will get the card you need.



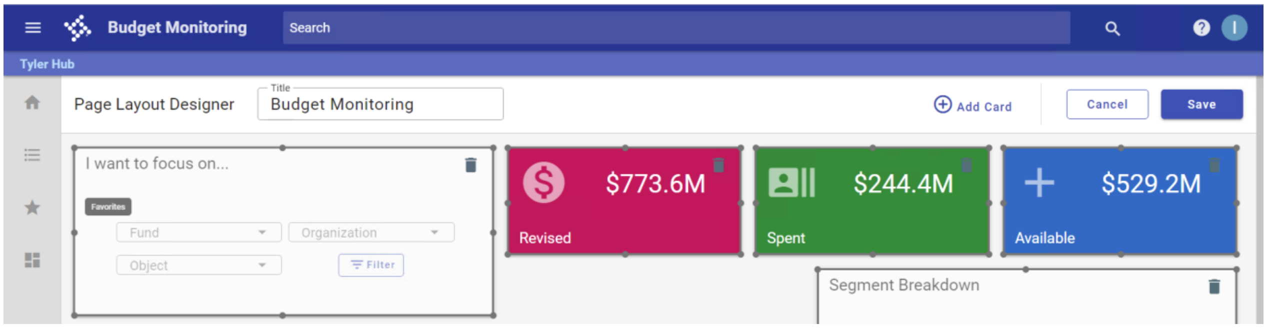
Adding a New Card Starting Screen

The filtering cards have been made in multiple content areas of Tyler Hub. With the Budget Monitoring Page, it would make sense to use the GL Segment for filtering. Under Financial Management, search for the segment filtering card. Check the box to proceed with that card. Click Add Cards.



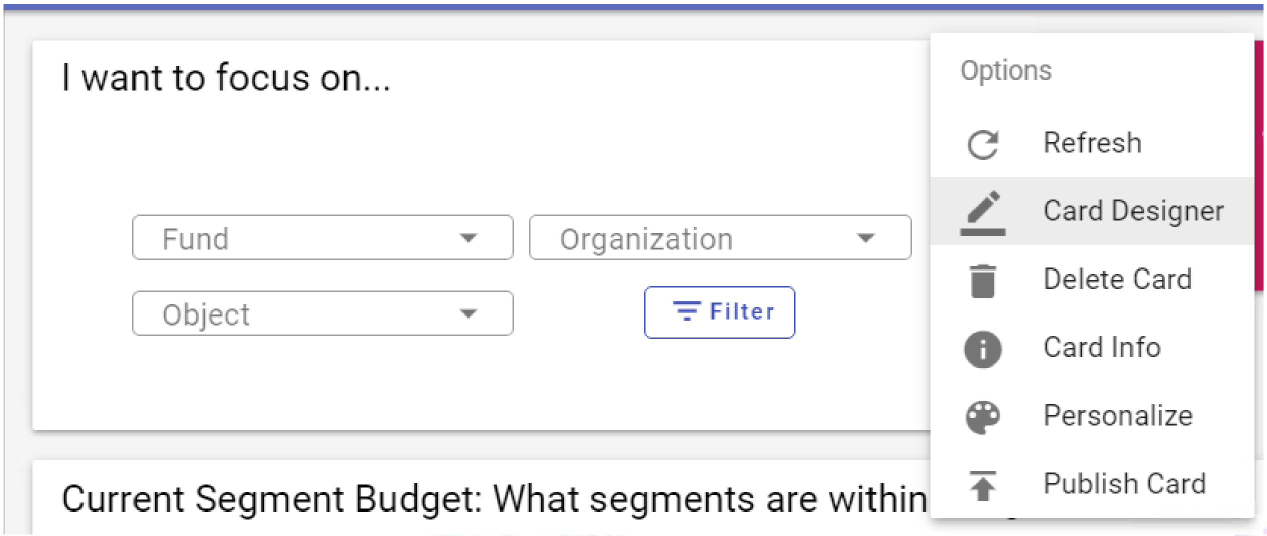
Selecting a Card from the Content Library Based

Place the Card into the Page Layout and click Save. Place this card somewhere prominent and accessible. Hub will default cards to the bottom of the page, so it is important to drag it to the desired location on the page.



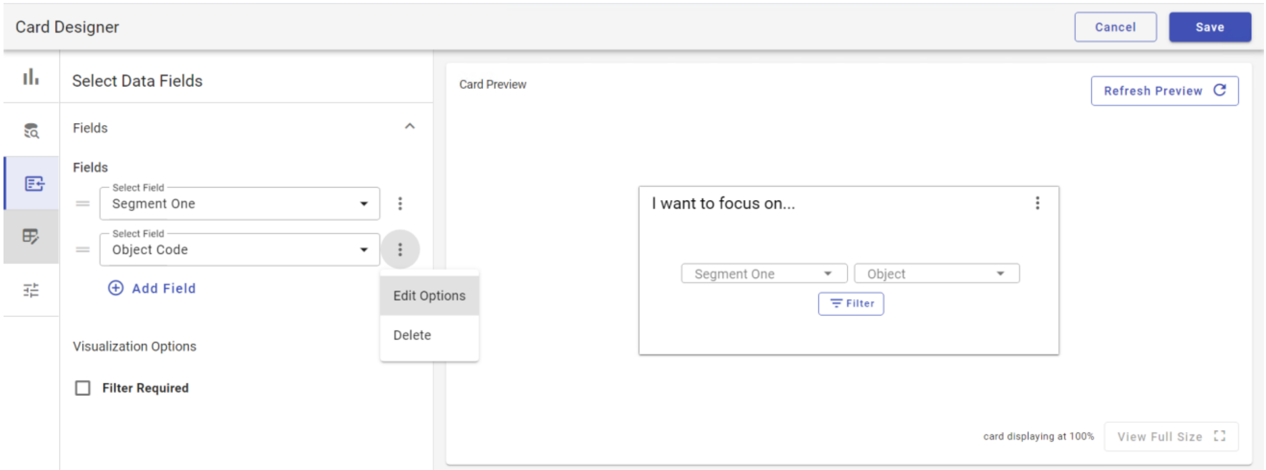
Saving Page Layout with New Card

Access the Card Designer, to change the Card details to the needs of the new filter.



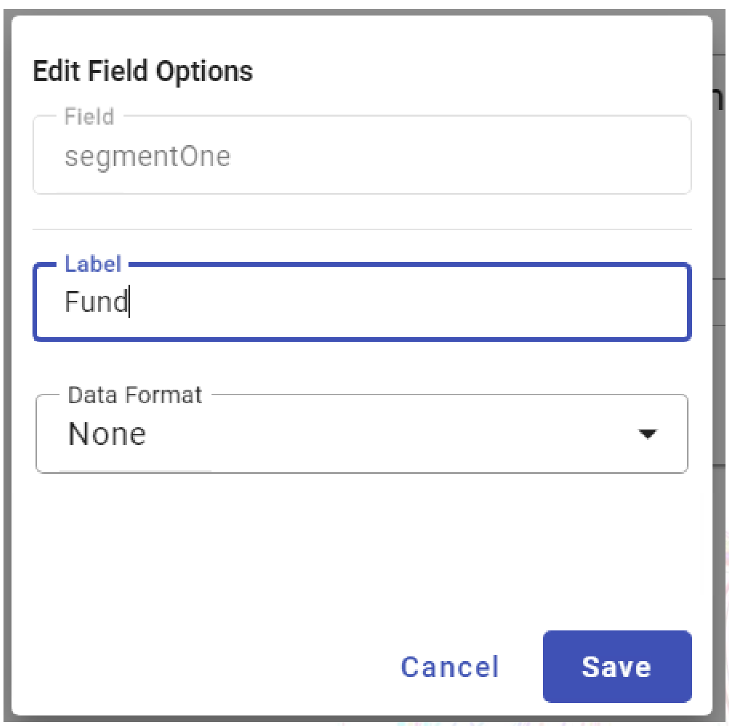
Accessing Card Designer from Card Options

In the Card Designer, on the Select Data Fields tab, remove the Object Code and Organization Code from the Fields to make only Segment One (Fund in Munis) the filter choice.



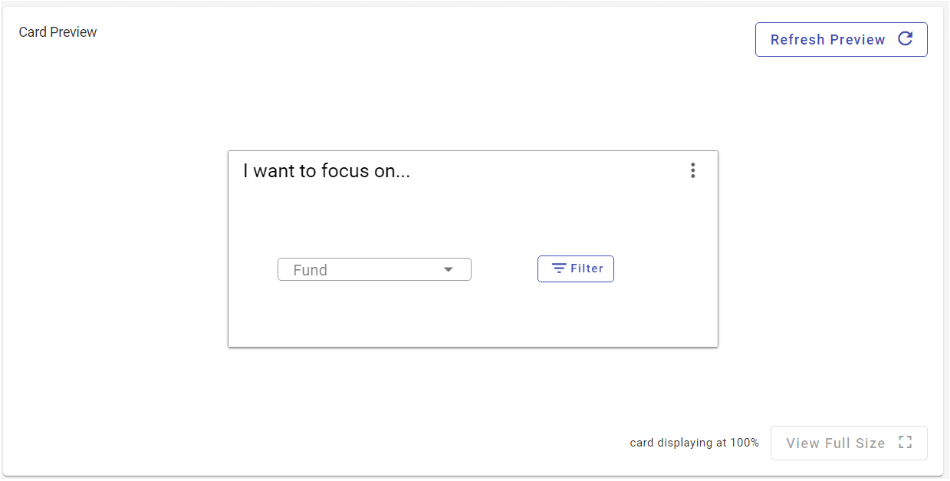
Deleting Defaulting Fields from Card

Clicking the vertical three dots next to Segment One, will open the Edit Options choice from the menu. In Edit Options, SegmentOne can be renamed to Fund. This is what the end user will see on the filter.



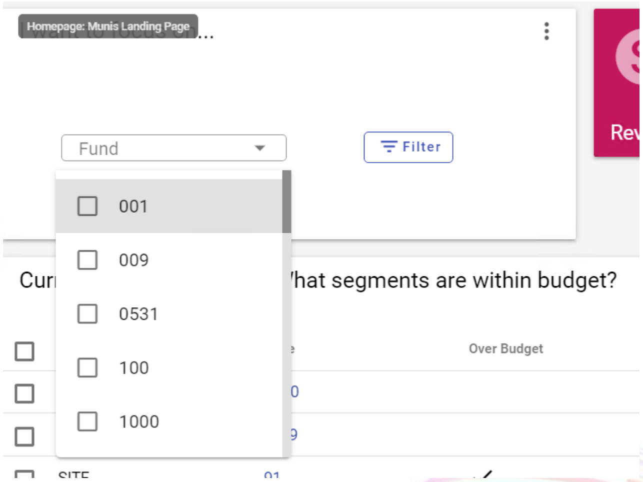
Edit Field Options

The Preview shows that the Filter will have Funds displayed in the dropdown.



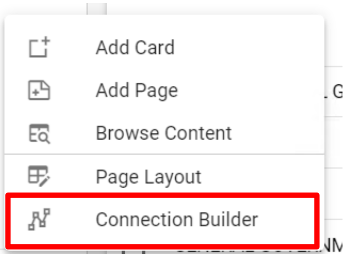
Card Designer Card Preview

Once the Card is saved, the Hub Page is refreshed with the new Card formatting. Selecting a fund here doesn't filter the rest of the content yet. A connection between the filter card and the remaining cards must be set up.



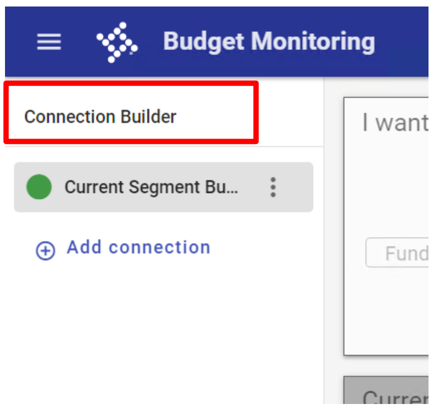
Selecting a Fund from the Filter Card

From the Hub Edit Content menu, select Connection Builder.



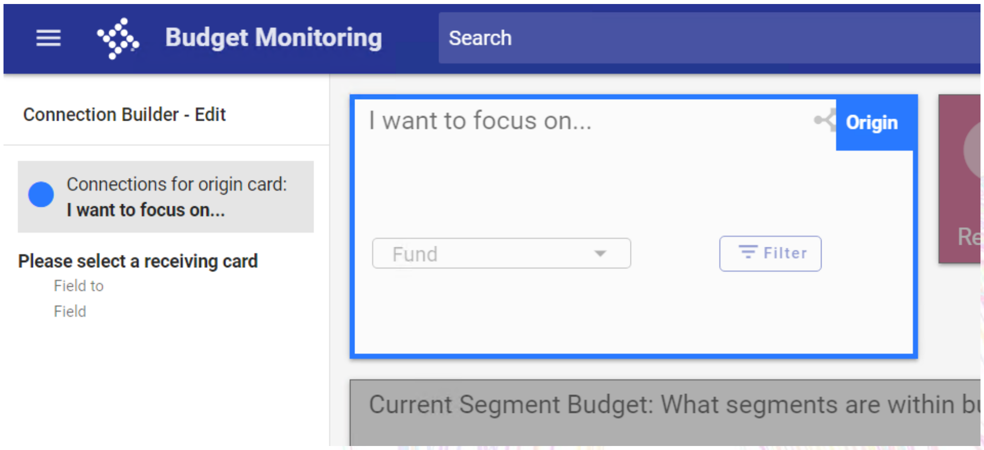
Selecting Connection Builder from Tyler Hub Administrative Menu

The Connection Builder will show all connections on the page, more than one can exist. Since this is a new card, a new connection must be established. Click Add Connection.



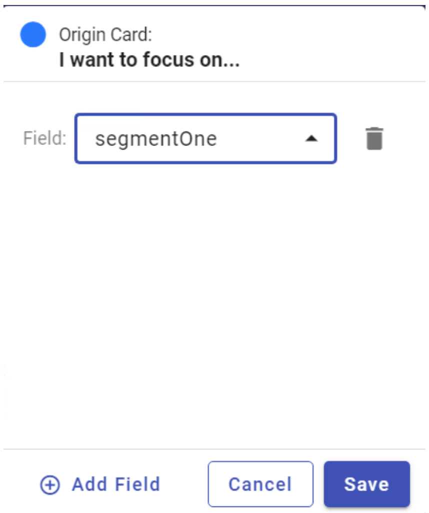
Using the Connection Builder to Add a Connection

The first step will be selecting the Origin card. This will be the card that when filtered, the connected cards will also filter. The new card added is the Origin card.



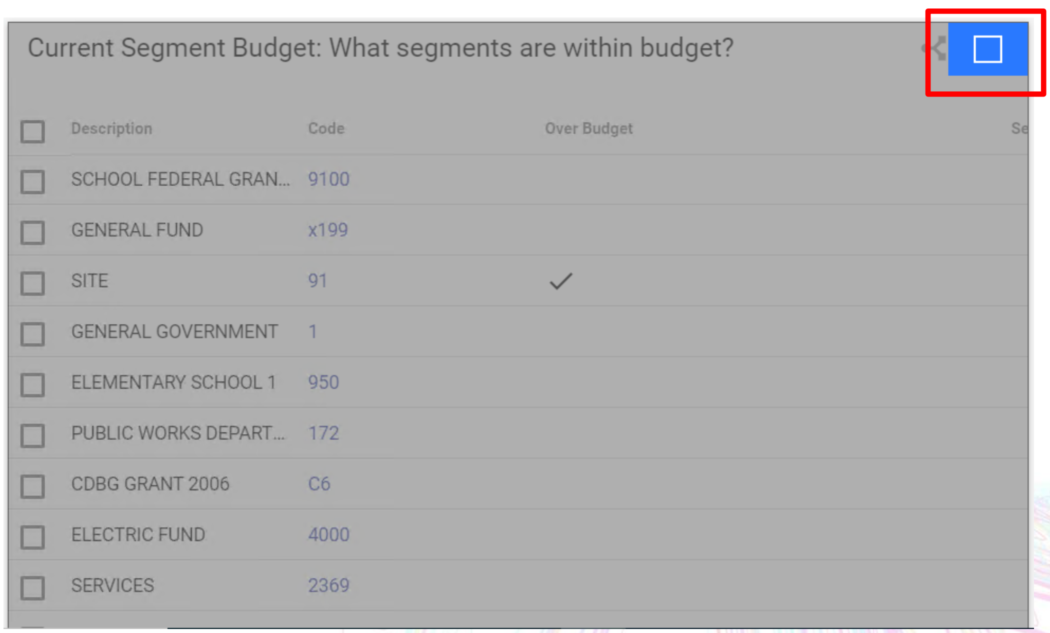
Selecting the Origin Card

Once that Card is selected, the available fields on the card will be listed, in this case only SegmentOne (Fund) is available. Save this to move onto the remaining cards.



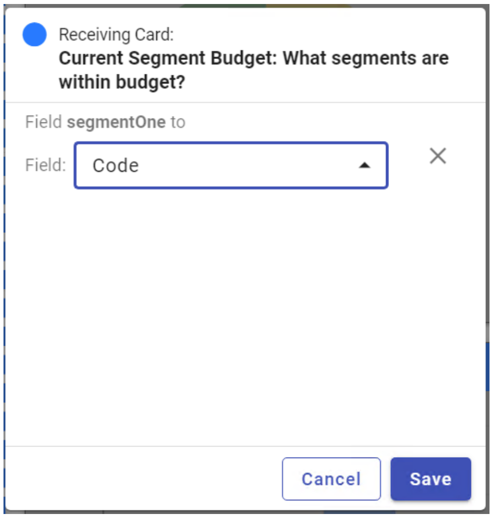
Selecting the Origin Card's Filtering Field

On the Hub Page, click the checkbox in the top right of each card you want to be filtered when selecting the Fund in the origin card.



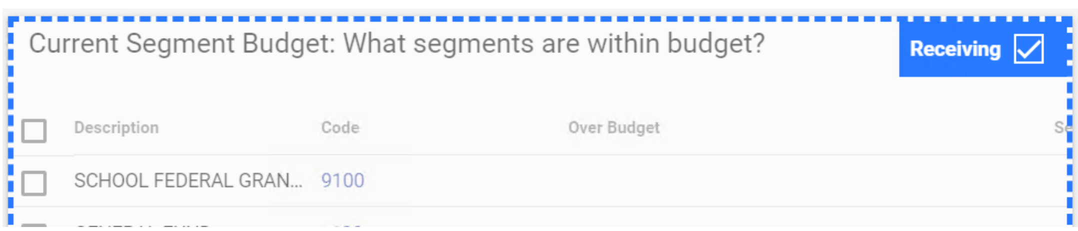
Selecting a Receiving Card

This is called the receiving card. The receiving card needs to have a field identified to match from the origin card. In this case, the field is Code (or Fund Code)

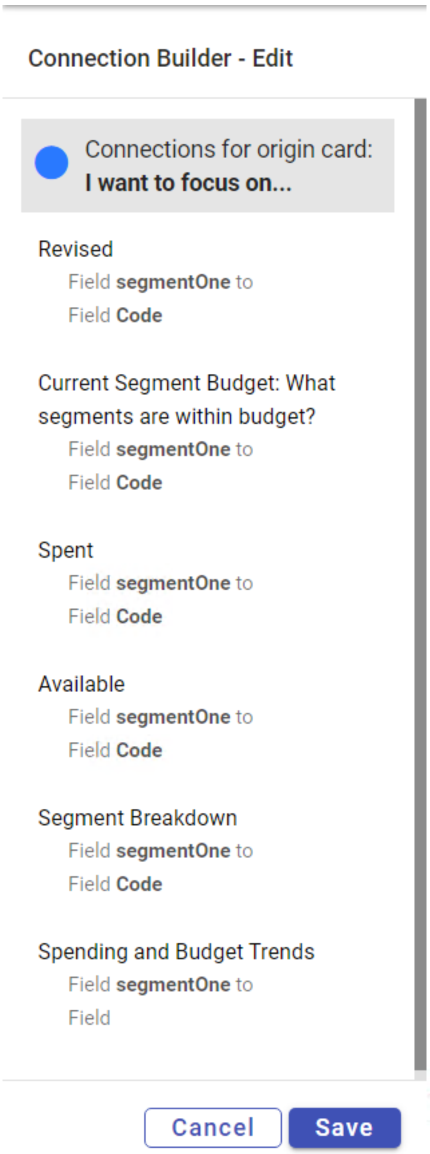


Receiving Card Filtering Field Selection

Select the remaining cards to be receiving the filter and select the proper field for matching.

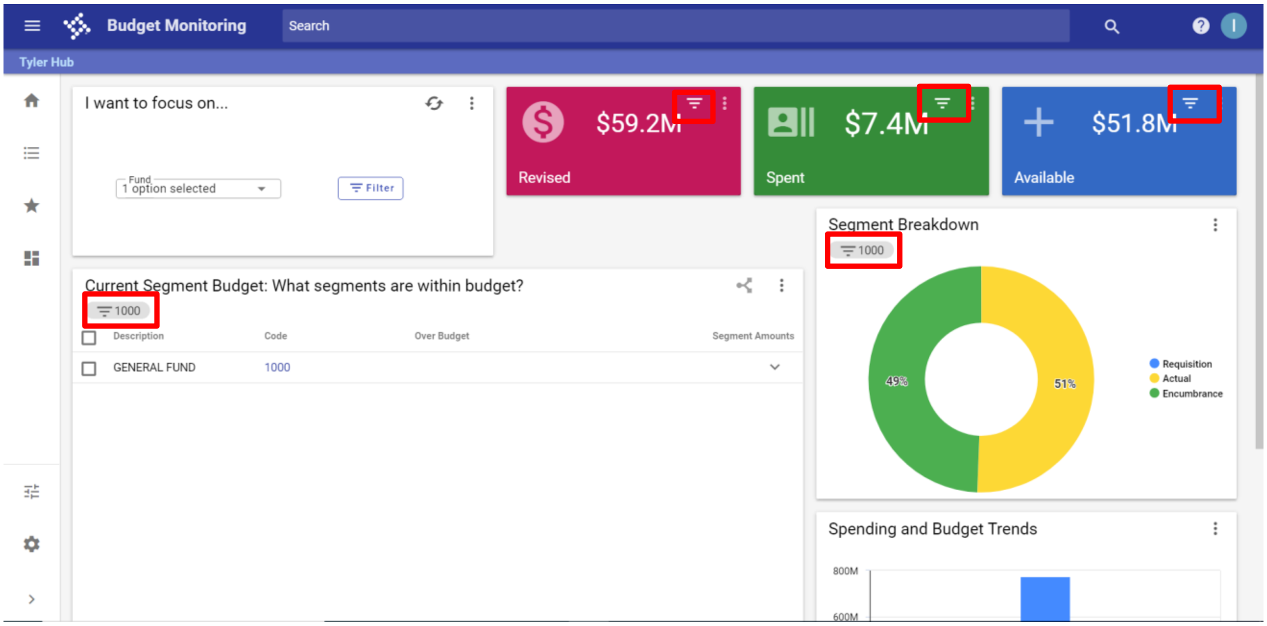


Card Selected to be Filtered from Origin Card



Connection Builder Connection List

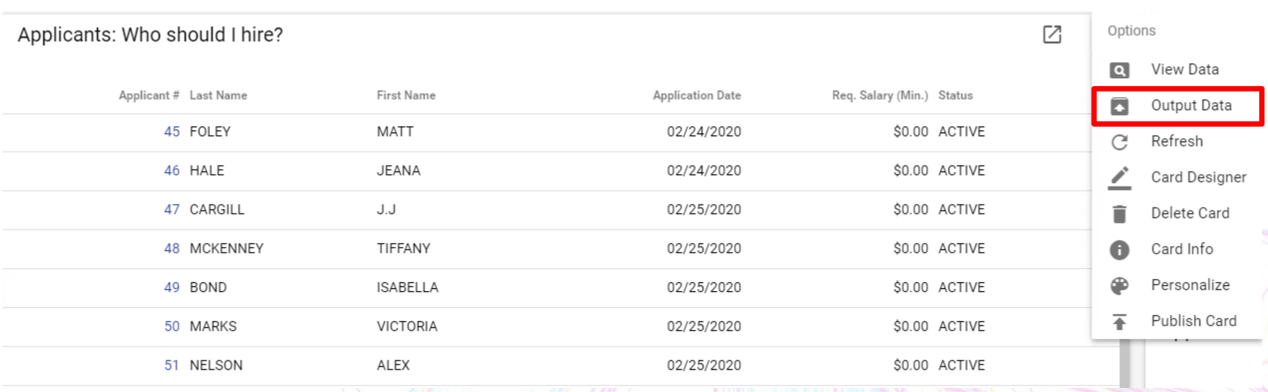
Once Saved, the new connection will be useable in the Hub Page. Selecting fund 1000 in the "I want to focus on…" card filtered the remaining cards.



All Hub Cards filtering based on Card selection

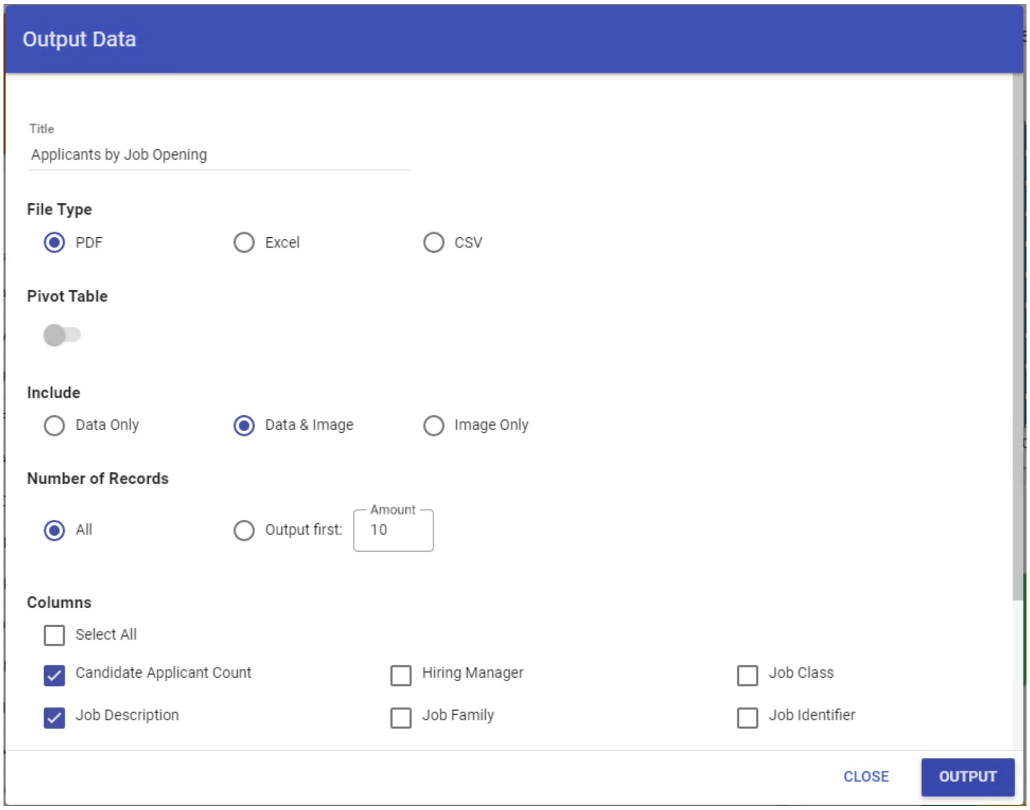
Exporting Datasets

Tyler Hub allows for exporting of data and visualizations. A great benefit is being able to output exactly what you see or show on screen. In a Hub Card, select the Options menu and select Output Data.



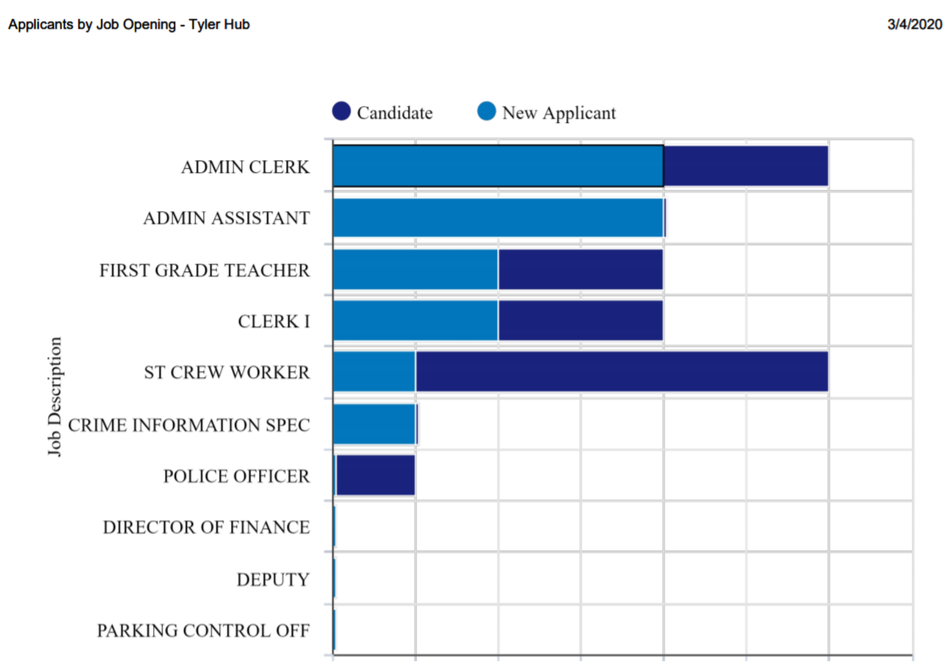
Selecting Output Data from Card Options

The Output Data window will prompt. This will allow you to output data for a few different purposes. The export can output to PDF for creating a presentation or report, the Excel export can be used for future data analysis in Excel, and the CSV export can be used to upload the data to another source. Outputting to PDF will retain the option to export the data and image. With this option the data will be pared down to accommodate output to standard paper size.



Output Data screen selecting PDF Data & Image

The image will proceed the data in the file. The image will be available for selection in the document if it is needed to be copied into a presentation.



PDF Output of Chart from Hub

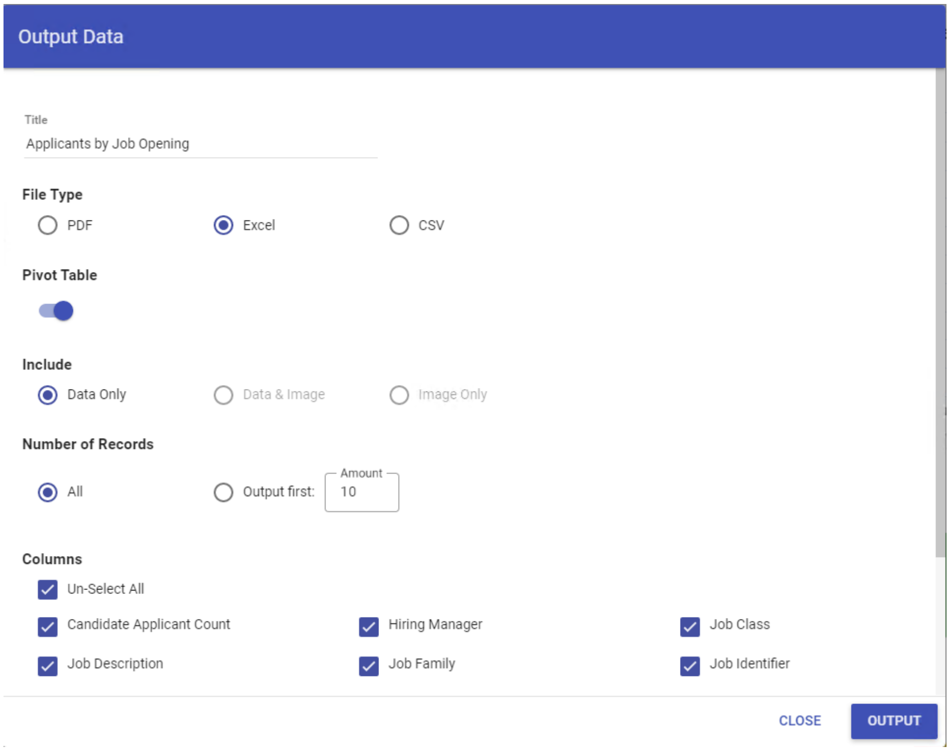
The data will be in a simple to read table.

Applicants by Job Opening - Tyler Hub 3/4/2020

Candidate Applicant Count	Job Description	New Applicant Count	Position Status
5	ST CREW WORKER	1	ACTIVE
2	ADMIN CLERK	4	ACTIVE
2	FIRST GRADE TEACHER	2	ACTIVE
2	CLERK I	2	ACTIVE
1	POLICE OFFICER	0	ACTIVE
0	ADMIN ASSISTANT	4	ACTIVE
0	CRIME INFORMATION SPEC	1	ACTIVE
0	DIRECTOR OF FINANCE	0	ACTIVE
0	DEPUTY	0	ACTIVE
0	PARKING CONTROL OFF	0	ACTIVE

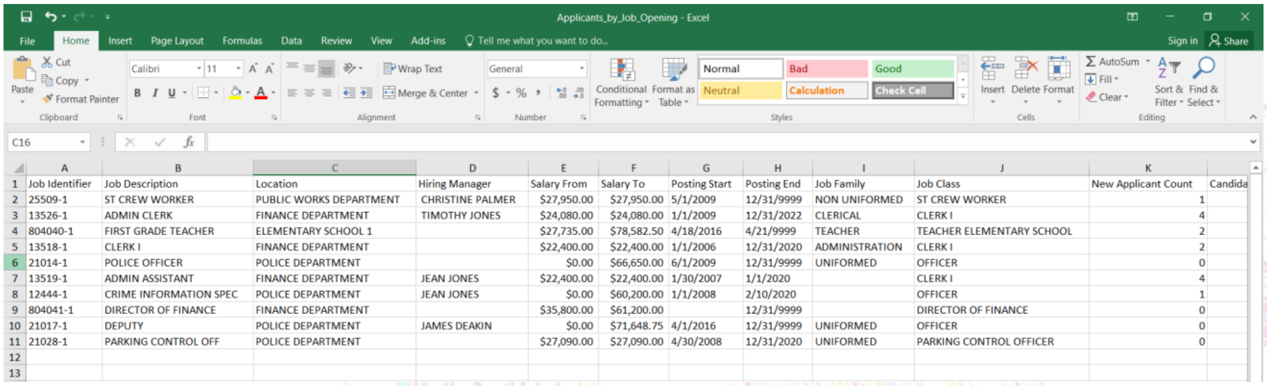
PDF Output of Data

When outputting data to Excel, the Data & Image option is not available. This allows you to use Excel to build the chart. What does come available is the PivotTable option. When selecting this the data will export and, in another sheet, a PivotTable will be available.



Output Data View from Tyler Hub

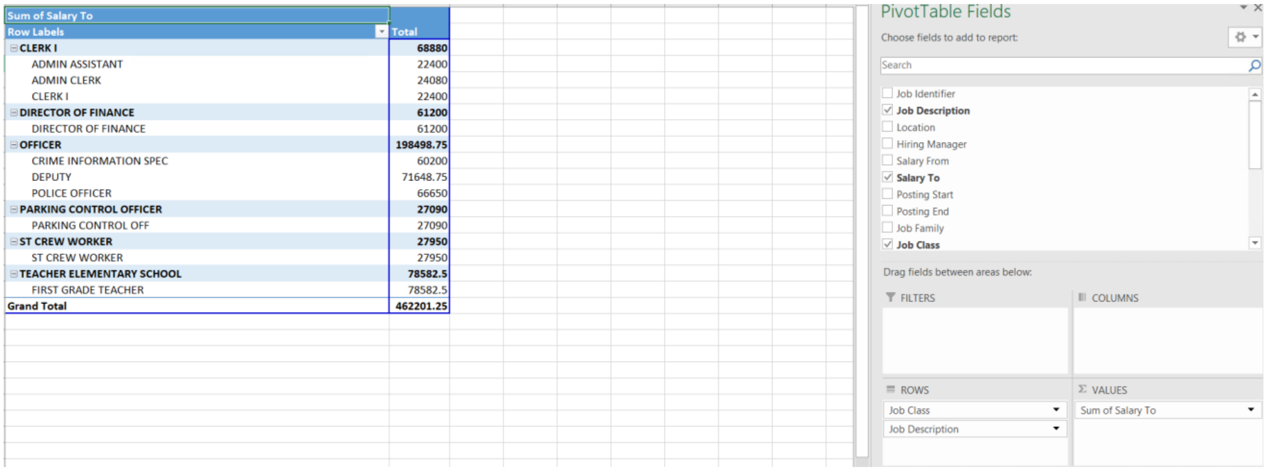
The data comes into Excel retaining the value formatting which it had in Hub.



Job Identifier	Job Description	Location	Hiring Manager	Salary From	Salary To	Posting Start	Posting End	Job Family	Job Class	New Applicant Count	Candida
25509-1	ST CREW WORKER	PUBLIC WORKS DEPARTMENT	CHRISTINE PALMER	$27,950.00	$27,950.00	5/1/2009	12/31/9999	NON UNIFORMED	ST CREW WORKER	1	
13526-1	ADMIN CLERK	FINANCE DEPARTMENT	TIMOTHY JONES	$24,080.00	$24,080.00	1/1/2009	12/31/2022	CLERICAL	CLERK I	4	
804040-1	FIRST GRADE TEACHER	ELEMENTARY SCHOOL 1		$27,735.00	$78,582.50	4/18/2016	4/21/9999	TEACHER	TEACHER ELEMENTARY SCHOOL	2	
13518-1	CLERK I	FINANCE DEPARTMENT		$22,400.00	$22,400.00	1/1/2006	12/31/2020	ADMINISTRATION	CLERK I	2	
21014-1	POLICE OFFICER	POLICE DEPARTMENT		$0.00	$66,650.00	6/1/2009	12/31/9999	UNIFORMED	OFFICER	0	
13519-1	ADMIN ASSISTANT	FINANCE DEPARTMENT	JEAN JONES	$22,400.00	$22,400.00	1/30/2007	1/1/2020		CLERK I	4	
12444-1	CRIME INFORMATION SPEC	POLICE DEPARTMENT	JEAN JONES	$0.00	$60,200.00	1/1/2008	2/10/2020		OFFICER	1	
804041-1	DIRECTOR OF FINANCE	FINANCE DEPARTMENT		$35,800.00	$61,200.00		12/31/9999		DIRECTOR OF FINANCE	0	
21017-1	DEPUTY	POLICE DEPARTMENT	JAMES DEAKIN	$0.00	$71,648.75	4/1/2016	12/31/9999	UNIFORMED	OFFICER	0	
21028-1	PARKING CONTROL OFF	POLICE DEPARTMENT		$27,090.00	$27,090.00	4/30/2008	12/31/2020	UNIFORMED	PARKING CONTROL OFFICER	0	

Data Export from Tyler Hub

On the second tab in the workbook, the PivotTable is available for analysis.



Sum of Salary To	
Row Labels	Total
CLERK I	**68880**
ADMIN ASSISTANT	22400
ADMIN CLERK	24080
CLERK I	22400
DIRECTOR OF FINANCE	**61200**
DIRECTOR OF FINANCE	61200
OFFICER	**198498.75**
CRIME INFORMATION SPEC	60200
DEPUTY	71648.75
POLICE OFFICER	66650
PARKING CONTROL OFFICER	**27090**
PARKING CONTROL OFF	27090
ST CREW WORKER	**27950**
ST CREW WORKER	27950
TEACHER ELEMENTARY SCHOOL	**78582.5**
FIRST GRADE TEACHER	78582.5
Grand Total	**462201.25**

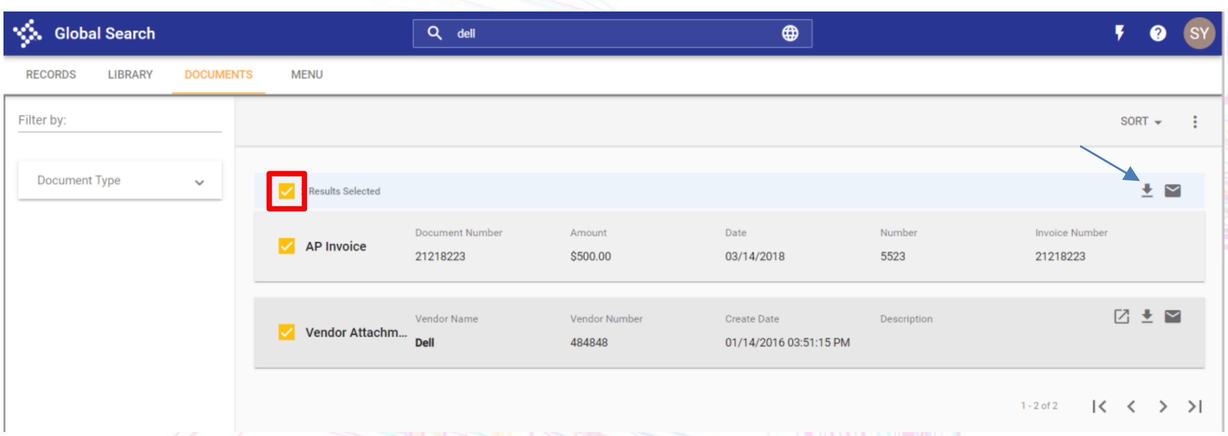
PivotTable from Data Export

OTHER TYLER APPLICATIONS

Tyler Hub goes beyond Munis. The Global Search is configured to search all linked Tyler Applications. In 2020.1 a good example is the Hub interact and Global Search feature for Tyler Content Management (TCM).

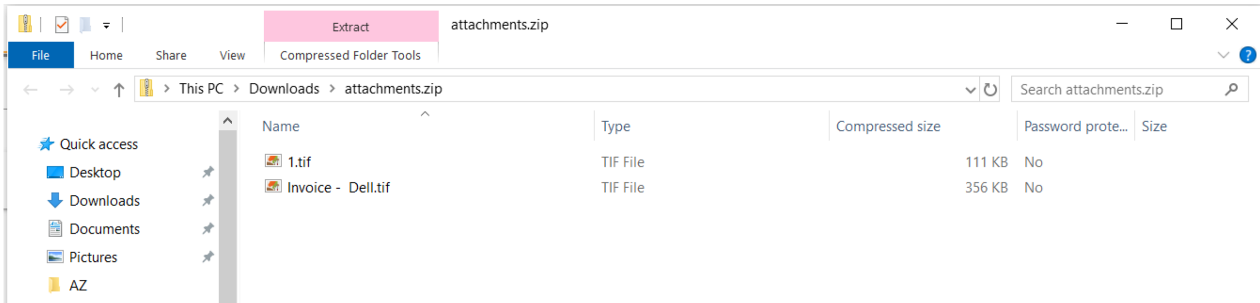
Global Search

By Searching for Dell in the Omni Bar's Global Search, we can search Munis as we have in the past, but what opens with the addition of TCM information is the Documents tab. Clicking the Documents tab will allow documents tied to the search "dell" to show up in the display. The select all results will allow the files to be emailed or downloaded into a single folder. This is incredibly helpful when compiling the total relationship with a vendor, customer, or employee.



TCM Documents Listings in Global Search

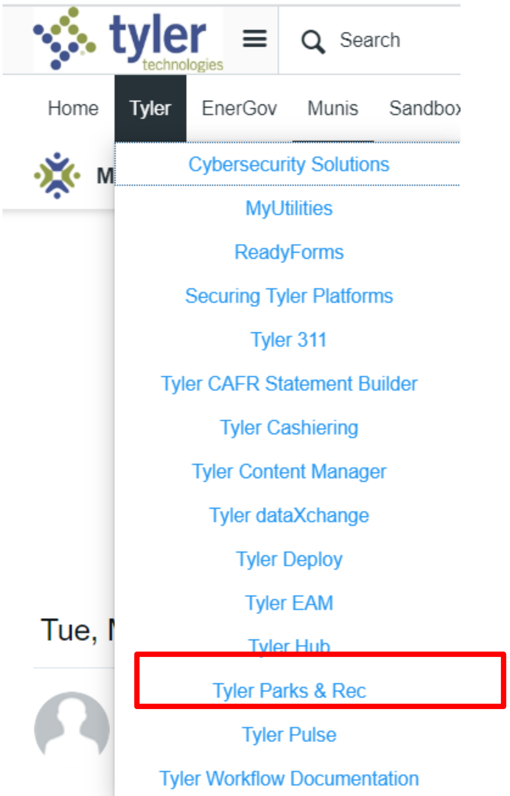
The files are downloaded into a .zip folder. This will allow for compressed sharing of documents if the entire contents need to be emailed.



Downloaded TCM Images

WHAT'S NEXT

Tyler Hub is continually enhanced. As more clients, products, and content are added, look for more useable features of your Tyler starting point. Since its launch in 2018, more simple content modification, content publishing, and program integrations have been added. With each version of Hub, there are release documents posted to Tyler Community. Join the Tyler Hub group in Tyler Community for information about new features and administration guides. To request access, select Tyler Hub from the drop-down list on Tyler Community from the Tyler menu and click Request Membership.



Tyler Product Group List on Tyler Community

On Tyler Community, in the Tyler Hub group, look for Major Enhancements and User Guides from the version you have upgraded from, to the version you are upgrading to, this will give you all information regarding features and changes for your upgrade.