

Tangelo User Guide

Welcome to ~*Tangelo*~. Tangelo is designed to allow our target users — members of the Princeton community — to view and organize a vast array of pertinent information from a single dashboard.

Tangelo achieves this through a minimal dashboard display containing customizable widgets. In its most basic form, a widget is simply an object that can display information and be moved around. Widgets can take the form of a “News” feed, “Clock”, local “Weather” update, or a central location for student groups to announce community events. Users can follow any and all widgets that best meet their needs and interests, and easily customize the layout of their dashboard. Have something to share with the community? Users can also create their own widgets and posts.

Our goal is to be the daily, one-stop platform for Princeton tigers.

This User’s Guide will provide a walk through of Tangelo’s core user functionalities aiming to help achieve this goal.

Before You Begin

We intend for the user to launch Tangelo on their personal computer, in a large browser window.

NOTE: Our site uses CAS authentication for immediate access by members of the Princeton community. To ensure that the welcome page (step 1) loads upon your first visit of the URL below, please logout of CAS (we suggest logging out by visiting blackboard or any other Princeton CAS authenticated site). We believe this approach will better reflect the steps enumerated in the user guide.

Ready? Tangelo is deployed on Heroku. To begin the user guide walk through, please visit our site at:

<https://tangelo.herokuapp.com/>

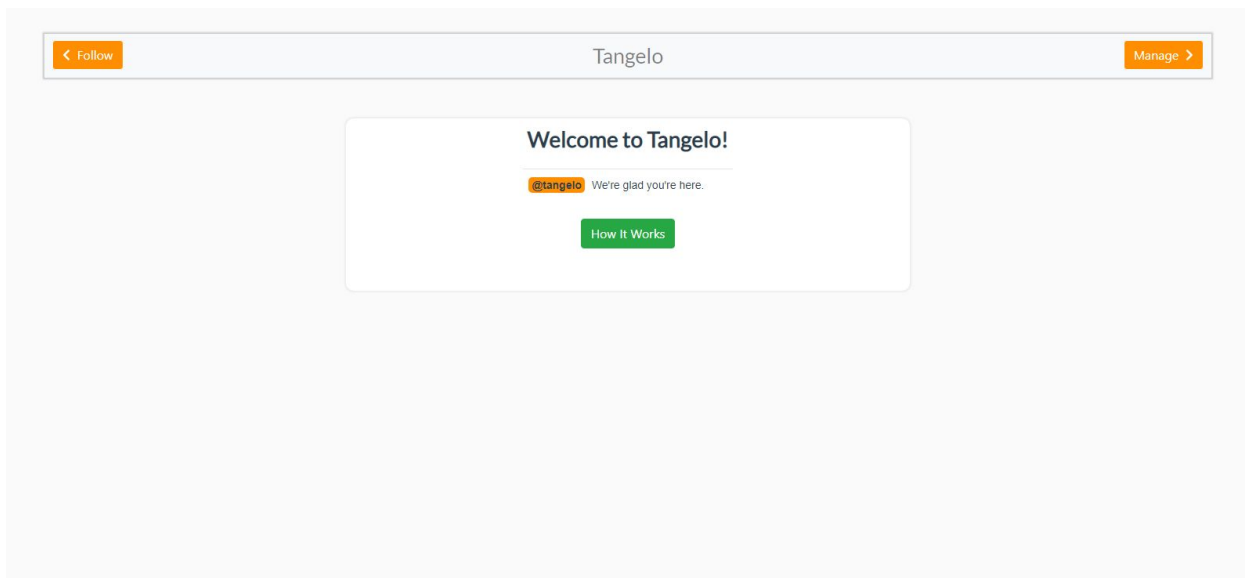
As soon as the page loads, you’re ready to go! Please begin with step 1 on the following page.

Step 1. Login



This is the Tangelo landing page. All Princeton community members that have a netid are eligible to login into Tangelo. Clicking login will direct you to Princeton's CAS authentication system. Logging in with your correct Princeton netid and password will give you access to your Tangelo account. When you login for the first time, a new user account will be created and associated with your netid. Welcome!

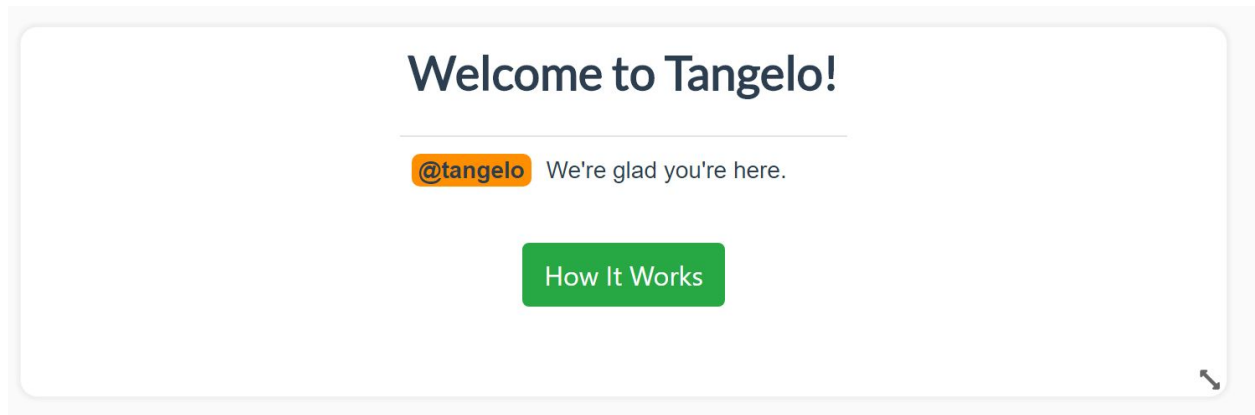
Step 2. Dashboard Info



Upon successful CAS authentication at login, you will be directed to the Tangelo dashboard. If this is your first visit to our site (as this guide expects), you will see your first widget displayed on your dashboard. This is our "Welcome to Tangelo!" widget (all new users are automatically subscribed). Outside of that, the dashboard also has a navigation bar with two buttons, Follow

(left) and Manage (right), which, upon being clicked, reveal the collapsed sidebars. These will be explained in further steps.

Step 3. Welcome to Tangelo Widget



Taking a look closer at the Welcome Widget, there are several key components. The widget body consists of a Title, Author handle (seen in the orange box), and content (in this case, a greeting post and a How It Works button). In the bottom right hand corner, when your cursor is on the widget, there is a two-way arrow. By clicking in this location and dragging across the screen, this allows the widget to be resized. Additionally, widgets can be moved around the dashboard.

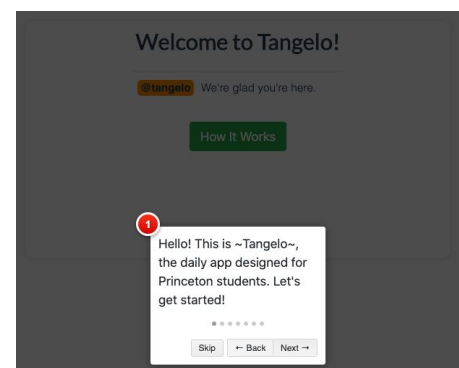
Step 3a. Widget Resize and Movement.

Please resize your Welcome Widget by holding down on the described two-way arrow in the right hand corner of the widget, and dragging your cursor on the screen. Now, please change the location of your widget. Click and hold anywhere within the boundary of the widget (excluding the resize arrow), and move your cursor to a new location on your dashboard (try moving left, then right)! As you do this, you will notice a dashed orange line, indicating the boundaries of your dashboard, as well as a thin dashed gray line behind your widget, indicating valid final drop locations for your widget. Place it at a new location of your choice near the top of your dashboard. Each time you visit your dashboard, we remember the location of each widget!

Step 3b. Welcome Widget, How It Works Demo.

Feel free to skip this step, as we will be discussing each part of the demo in more detail below!

Click the green How It Works button within the Welcome Widget to view a quick demo of our site. Walk through the demo by clicking the Next or Back

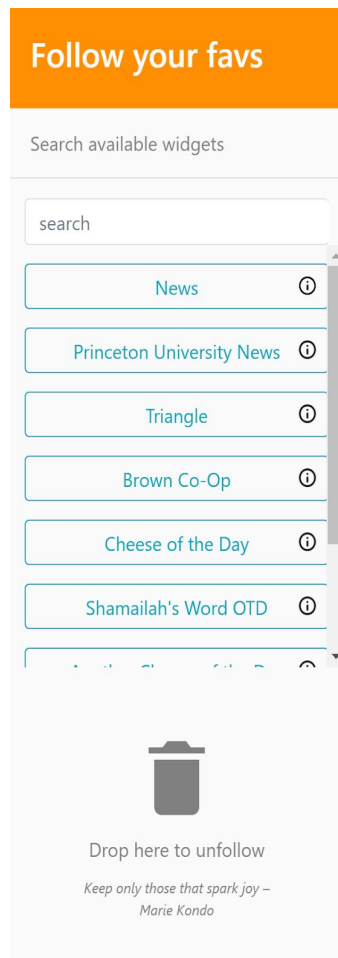


buttons on the pop-up (shown in the image to the right). Click Skip/Done to exit the demo.

Step 4. Follow Sidebar



Above is the navigation bar. It will always be pinned to the top of your dashboard. Clicking the Follow button on the left side of the navigation bar will reveal the collapsed Follow sidebar.



To the left is the Follow sidebar that is revealed when the Follow button is clicked. This sidebar contains everything you need to follow new widgets, or unfollow widgets currently on your dashboard. Specifically, you will notice a search input, a scrollable list of available widgets, and an unfollow trash can.

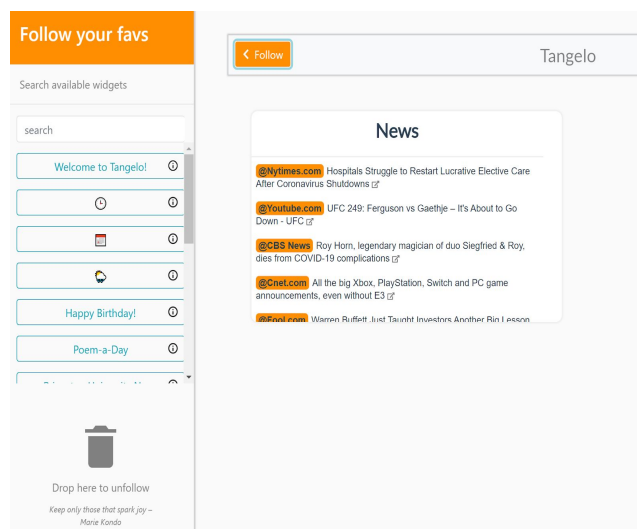
Step 4a. Following New Widgets

First, the search bar. Typing into this searchbar allows you to search widgets by both title and description. For example, typing the keyword “news” populates the list of widgets with all widgets that contain “news” in their description or their title. Search is case-insensitive.

Next, the list of available widgets. In the example follow sidebar to the left, “News”, “Princeton University News”, “Triangle”, etc. are all examples of widgets that can be followed. To add these widgets to the dashboard, simply move the cursor over the widget name until the box turns blue, and click.

Each widget button also contains a small “i” icon. Hovering over this icon with your cursor allows you to view the description of the widget in the follow list, as well as the netid of the widget creator.

Please try adding the “News” widget now.



Step 4b. Unfollowing Widgets.

The trash can at the bottom of the follow sidebar allows you to remove widgets from your dashboard. Here, we use the News Widget as an example. First, click and hold the cursor over the Widget. Then, drag the widget to the trash icon, such that the cursor is directly above the trash can. Finally,

unclick above the trash can to remove the widget from the dashboard.

NOTES: If you are having difficulty removing a widget from your dashboard, try making the widget smaller. You cannot remove a widget that you have created in this manner. This will be explained as we move to the Manage sidebar.

Step 5. Manage Sidebar

Clicking the Manage button on the right side of the navigation bar will reveal the collapsed Manage sidebar. The Manage sidebar shown to the right consists of five major parts. First, the user's netid is displayed in the top right hand corner in the orange box. Below, there are four other sections: Create A Widget, My Subscriptions, Admin, and Logout. These fields are described in steps 5a-d below in more detail.

Step 5a. Create A Widget

Clicking Create A Widget in the Manage Sidebar reveals the Create A Widget drop down form as seen to right. The form consists of a widget Name field and a Description field. This form limits the Name field to 25 characters and the Description field to 60 characters. The form prevents you from typing in any additional characters. Both fields are required. If you submit an invalid form, you will see relevant error feedback! NOTE: widget names are case-insensitive.

Please create a widget of your own, by providing a unique name and an awesome description! Once you submit, your newly created widget will be displayed on your dashboard! NOTE: all widgets are currently public (viewable by all other users)!

Step 5b. My Subscriptions

Clicking My Subscriptions in the Manage Sidebar reveals a list of widgets. These are widgets that are displayed on your dashboard.

Step 5c. Admin

Clicking Admin in the Manage Sidebar reveals the list of widgets that you are an administrator of. Currently, the administrator of a widget is equivalent to the user who created the widget. To delete an administered widget, click the trash can icon in the Admin list next to the name of the widget you wish to delete. NOTE: Deleting a widget that you are an admin

rmthorpe

Create A Widget >

My Subscriptions >

Admin >

Logout

Create A Widget ▾


Widget Name

Description


Create My Widget

My Subscriptions ▾

News





Princeton University News



Princeton Academic Calendar

Admin ▾

Test Widget 1 

Test Widget 2 

of will remove it from your dashboard, as well as remove it from the dashboard of all other users that are subscribed to your widget.

Step 5d. Logout

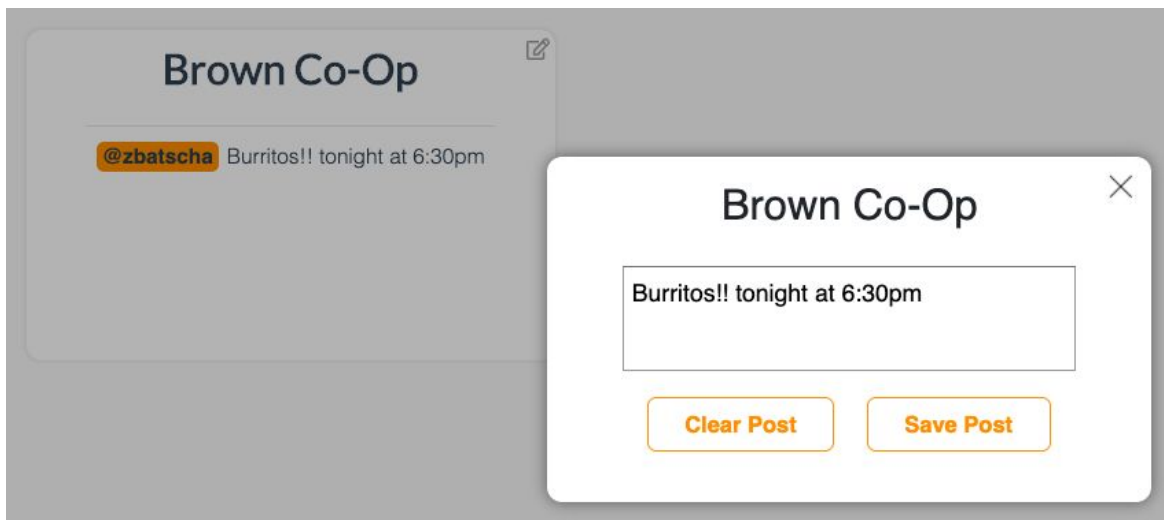
Finally, clicking Logout in the Manage Sidebar will exit the user from the Tangelo dashboard and log them out of Princeton's CAS System. Please wait to logout! We have more :)

Step 6. Posting to Your Widget!



For all widgets that you created, you will notice a post icon (pencil) in the upper right corner of your widget. Clicking on this icon will allow you to update the content displayed in your widget. Updating your post will update the widget for all users who follow your widget.

Please click on the post icon. You should notice a post pop-up, as shown below.





For convenience, your most recent post will automatically fill the post text area. Need to make an update to the time of your posted event? This feature is for you. You can also press Clear Post to clear the text area (if you want to clear the content of your widget for all users, press Clear Post and then Save Post). Make your first post, and press Save Post. You should notice that your widget is updated with your latest post. This is also true for all followers of your widget.

NOTE: posts are limited to 200 characters.

Step 7: Tangelo Administered Widgets Overview.


In addition to our “Welcome to Tangelo” widget, there are 9 other widgets that were personally designed by the Tangelo team. Below is a brief description of their function.

Princeton University News: View the headlines of the 10 most recent news articles concerning members of the Princeton community. See an article that interests you? Click the URL icon  to read more. Headlines are updated every hour!

News: View the top 10 headlines from the most popular News agencies. See an article that interests you? Click the URL icon  to read more. Headlines are updated every 20 minutes!

Academic Calendar: View the next 10 events on Princeton’s academic calendar. Updated every hour!

COVID-19: Displays Today’s new numbers on COVID-19 confirmed cases and deaths. Updated every hour!

Poem-a-Day: Displays a new poem every day, sourced from the Poetry Foundation. Notice how the selected poem’s author becomes the post handle. Click the URL icon  to visit the original poem.

Clock: Displays the current local time for each user.


Date: Displays the current local date for each user.

Weather: Displays the current local weather for each user. NOTE: when you first add this widget, your browser will request access to your location. To ensure your privacy, Tangelo does not save your location.

Happy Birthday: We’re counting down the days until your next birthday. The first time you subscribe to the Birthday widget, you will be prompted to provide your birthday. Once you submit, the widget will be updated with a countdown, so you never forget.

What is your birth date?

mm



dd



yyyy

And so I was born

Birthday Widget

@tangelo

 There are 8 months, 9 days, 6 hours, 4 minutes, 5 seconds until you turn 22!

@tangelo

 You have been alive for 21 years, 3 months, 20 days, 17 hours, 55 minutes, 54 seconds!

Sample Use Case.

Login

1. Login to the Tangelo website (Step 1)

Follow

2. Click "Follow" in the navigation bar to open the follow sidebar (Step 4)
3. Search for "Poem" in the Follow Search Bar (Step 4a)
4. Add the "Poem-a-Day" widget to Dashboard (Step 4a)

Manage

5. Click "Manage" to open the manage sidebar (Step 5)
6. Click the "My Subscriptions" dropdown and check that "Poem-a-Day" and "Welcome to Tangelo" are listed (Step 5b)
7. Click "Create a Widget" Dropdown. Create a Widget with a unique Name and Description. (Step 5a)

Unfollow

8. Unfollow the "Welcome to Tangelo" Widget (Step 4b)

Post

9. Create a new post for the widget that you created (Step 6)
10. Clear the post for the widget you created (Step 6)

Admin Widget Deletion

11. Delete the widget that you created (Step 5c)

Logout

12. Logout of the Tangelo platform (Step 5d)

Sample Dashboards! Try and make them yourself!

< Follow

Tangelo

Manage >

05 / 04 / 20

09 09 24

Poem-a-Day

@W. S. Merwin

I Live Up Here

I live up here
And a little bit to the left
And I go down only

For the accidents and then
Never a moment too soon

Just the same it's a life it's plenty

The stairs the petals she loves me
Every time
Nothing has changed

Oh down there down there
Every time
The glass knights lie by their gloves of blood

In the pans of the scales the helmets
Brim over with water
It's perfectly fair

The pavements are dealt out the dice
Every moment arrive somewhere

News

@Theguardian.com

Senate rejects Joe Biden's request to search for records on Tara Reade [↗](#)

@Marketwatch.com

GE's stock dives after Warren Buffett's negative outlook, 'permanent' job cuts at Aviation [↗](#)

@Fox News

Third Russian coronavirus doctor plummets from hospital window under hazy circumstances, reports say [↗](#)

@Cnet.com

How to see Eta Aquarids meteor shower compete with the supermoon this week [↗](#)

@Reuters

U.S. steers clear as global COVID-19 pledging conference begins [↗](#)

@CNBC

California Gov. Gavin Newsom says some businesses will reopen Friday, with conditions [↗](#)

Triangle

@almeja

Come see our first-ever virtual Spring Show: Blairasite! Coming to any device near you on May 14th!

Want a sneak peek? Check out our first sketch at <https://youtu.be/F30AnjW-xrI>!

< Follow

Tangelo

Manage >

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News

@Theguardian.com

Senate rejects Joe Biden's request to search for records on Tara Reade [↗](#)

@Marketwatch.com

GE's stock dives after Warren Buffett's negative outlook [↗](#)

Princeton Academic Calendar

@5/04/2020

Deadline for Submitting Senior Thesis

@5/04/2020

Spring Reading Period Begins

Cap and Gown Updates

@rmthorpe

Still closed :(

Poem-a-Day

@W. S. Merwin

I Live Up Here

I live up here
And a little bit to the left
And I go down only

For the accidents and then

Alimtas Updates

@rmthorpe

Meeting postponed to Sunday!

05 / 04 / 20