Configuring Twitter to Display Tweets on Caltech Sites

Go to https://developer.twitter.com/en/apps Log in with the twitter account whose tweets you want to display on your site. Click the “Create an app” button in the upper righthand corner. If you do not have an existing apps, your page may not look like this:
Choose “Exploring the API” from the Hobbyist column

You will be taken to a set of 4 screens for setting up an “Individual developer account”.

1. You will be asked for your twitter username (use the name for the account whose tweets you want to display), an email address for communication about this developer app (I would use the email address associated with the account you are displaying).
2. You will be asked to describe how you will be using the data – and then asked a series of specific questions about how you will be sharing the data you obtain using the API. The Twitter block in Caltech Sites only displays your tweets, so you can answer “No” to all 4 questions – unless you plan to use this same developer app to do other things.
3. Review your answers
4. Accept the terms and conditions.
You will be sent an email with the subject “Verify your Twitter Developer Account”. Once you click the “Confirm your email” button, you will be taken to a page with several of the pieces of information you need to put into the Caltech Sites settings page. WRITE THEM DOWN!! We need the API key and the API secret key. We do not currently need the Bearer token but you should keep a copy of that too (though this can be regenerated if you need to).

Once you have the keys stored in a safe place, you may click the “Skip to dashboard” link. Once inside the Dashboard, I was taken to the “Keys and Tokens” page for the Project and App I just created. If you are not taken there, you can navigate to the correct place using a combination of the links in the admin sidebar (on the left) and the tabs under the title of your app. This is where you will create the Access tokens you need for Caltech Sites – see the red rectangle below:
Click “Generate” and then write down the “Access token” and “Access token secret” and save it the same place you stored the API key and API secret key. If you need to, you can regenerate these access tokens but if you regenerate them, your old access tokens will be invalidated and you will need to place the new ones on your Caltech Sites settings before you may display tweets again.

Now, on Caltech Sites, go to your site’s admin interface -> Settings -> Site Preferences and click on the “Social Media” tab. The field mappings are as follows:

- API Key goes in the “Twitter Consumer Key” field
- API Secret Key goes in the Twitter Consumer Secret Key field
- Access Token goes in the Twitter Access Token field
- Access Token Secret goes in the Twitter Access Token Secret field

Once you have saved all 6 twitter fields (including your Twitter URL and Twitter Username), you may place the “Twitter Block” on your site and it will display the configured number of tweets.

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**@Caltech**  8h

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