

Using Bing™ Maps in XPression Maps

This document describes how to create a Bing Maps account and a Bing Maps Application Key for XPression Maps and how to set up the key inside of XPression Maps.

Bing Maps is part of the Microsoft product line and to set up a Bing Maps account you need to have a Microsoft account. Go to <https://support.microsoft.com/en-ca/help/4026324/microsoft-account-sign-up-for-a-microsoft-account> to set up your account, if you don't already have one. Users who already have a valid Microsoft account can sign in to the Bing Maps Dev Center using their Microsoft user name and password.

The Bing Maps account creation process is accessed through the Bing Maps Portal at <https://www.bingmapsportal.com>.

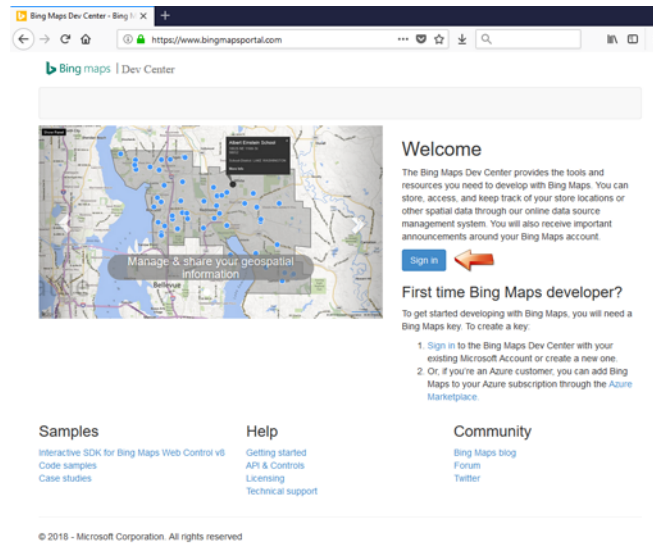


Figure 1.1 Bing Maps Portal

To create a Bing Maps account:

1. Go to the Bing Maps Portal at <https://www.bingmapsportal.com> and click the **Sign in** button.
If you have already signed in to your Microsoft account, you will be taken directly to the Bing Maps Dev Center **Sign in** page. Continue with **Step 4**.
If you haven't yet signed in, continue with **Step 2**.
2. In the **Sign in** page, enter the email address for your Microsoft account.
3. In the **Enter password** page, enter your Microsoft account password.
4. In the Bing maps Dev Center **Sign in** page, click the **Yes** link to sign in using the email address for your Microsoft account.

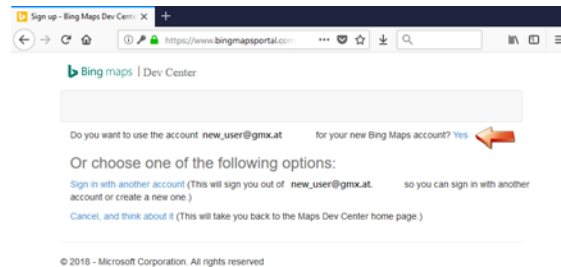


Figure 1.2 Bing maps Dev Center Sign in

5. In the **Create account** page, enter your **Account details**.

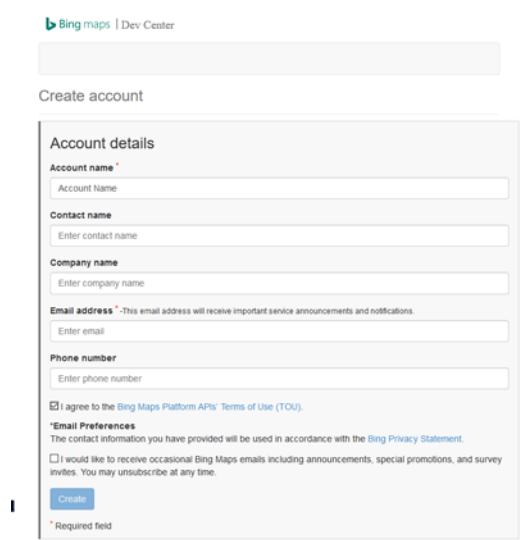


Figure 1.3 Account Details Page

Required fields are **Account Name** and **Email address**. This Email address is used for receiving important service announcements and notifications. Once the account is created additional email receivers can be added to this account.

6. Click the link to the **Bing Maps Platform APIs' Terms of Use (TOU)** to read the TOU.
Inside of the TOU, you will find a link to the **Bing Maps Media, Entertainment and Broadcast Use Terms of Use**, which also applies to the use of Bing Maps in XPression Maps. Please read these terms of use as well.
7. Then click in the check box to accept the terms of use.
8. Click **Create** to finish the Bing Maps account setup.

This step will log you into the account.

XPression Maps

To create an application key for XPression Maps:

1. In the Bing Maps landing page, click **My account** and from the drop-down menu, select **My Keys**.

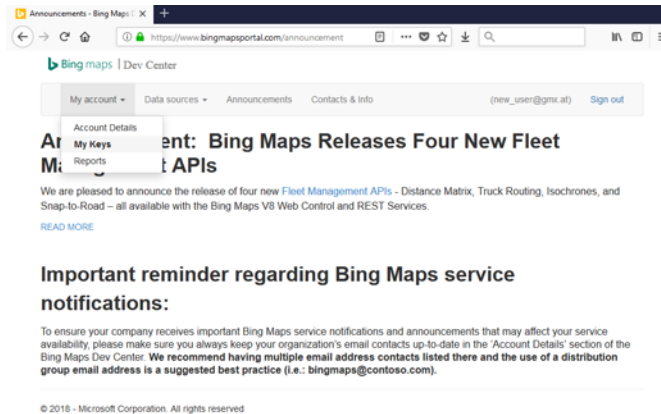


Figure 1.4 Bing Maps Landing Page

The **Create key** page opens.

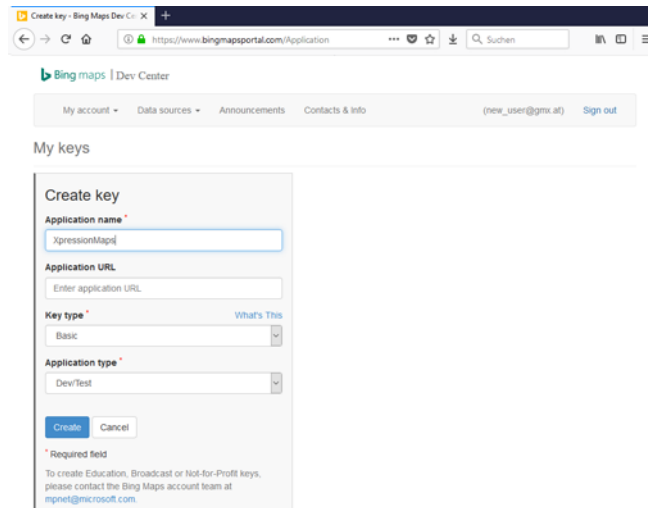


Figure 1.5 Create Application Key

2. Fill in the **Create key** form as follows:
 - Application name: XPression Maps
 - Application URL: Leave blank
 - Key type: Basic
 - Application type: Dev/Test

XPression Maps

- At the bottom of the form, click the email link to contact the Bing Maps account team to request that the **Application type** be changed to **Broadcast**.

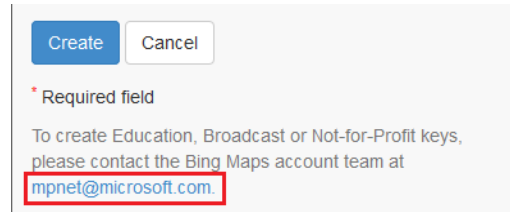


Figure 1.6 Send Email

The **Broadcast** option cannot be selected directly from the **Application type** drop-down. Microsoft will set it for you.

- In the email, provide the following:
 - The name and address of the broadcaster
 - The **Account id** of the Bing Maps account (click **My account > Account details** to see your **Account id**)
 - The **Application name** as entered in the form

It may take a day or two for the **Application type** to be changed to **Broadcast**. In the meantime, you can still create the application key and it can be used for testing and training on XPression Maps. If any further information is required, you will receive an email from Microsoft. Otherwise, you will receive an email to let you know that your key has been changed to **Broadcast**.

- Click the **Create** button to create the application key.

Once the key is created, the **My Keys** page opens showing your key information.

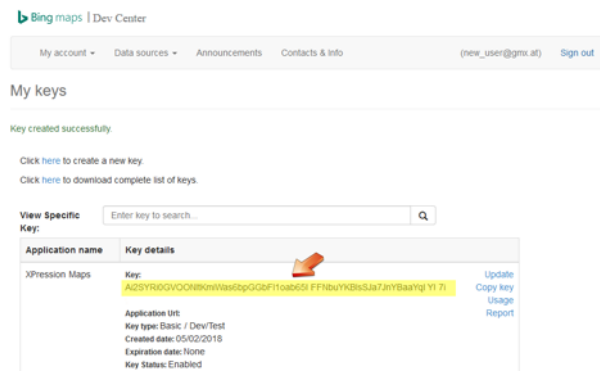


Figure 1.7 Application Key

To assign the application key in XPression Maps:

- Click the **Copy key** link if this option is supported in your browser or select and copy the long alpha numeric key (shown in **Figure 1.7**) from your Bing Maps account.

When you select and copy the key be careful to select the full string. It may run over more than one line.

- Open XPression Maps and click **File > Preferences**.
- Click the **Connection** tab.

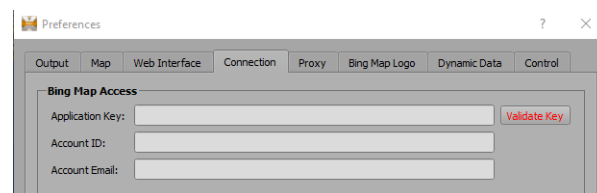


Figure 1.8 XPression Maps Preferences - Connection

4. In the **Application Key** field, paste the key you copied.

The **Account ID** and **Account Email** fields are optional and are provided for the user to keep track of the account and email address under which the application key is running.

5. Then click **Validate Key** to check if the key is working.
6. If the key is working the button turns green and changes to **Key is valid**.

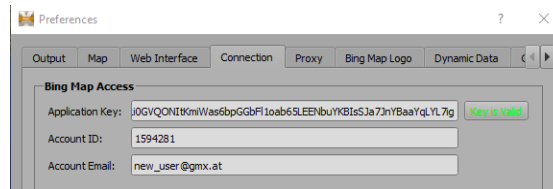


Figure 1.9 XPression Maps Preferences - Connection

7. Click **Save** and then **OK**.