Experience Builder Street Smart Widget Guide

Version 24.1.2

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1 Installing the Experience Builder Dev Edition

1. Experience Builder Installation Guide:
   https://developers.arcgis.com/experience-builder/guide/install-guide/

Follow the steps in the install guide to successfully start the Experience Builder System in your browser.

2. Download the ExB Widget, unzip and copy the unzipped folder 'StreetSmart-ExB' to the 'client/dist/widgets' folder in the client

Be aware that unzipping can create an extra, unnecessary, folder.

3. Inside of the 'widgets-info-existed.json' file of the client\dist\widgets folder, add the code in Appendix 1 to the top right before the "arcgis-map" bracket on line 2. Make sure to save the json file.

4. Restart your client terminal to recompile the code. 'npm start' in a reopened terminal will be sufficient.

5. Refresh your Experience Builder: https://localhost:3001/. In a new Experience the Street Smart widget should be available under Custom widgets.

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2 Appendices

2.1 Appendix 1 – adjust 'widgets-info-existed'

Inside of the 'widgets-info-existed.json' file of the client\dist\widgets folder, add the code from this text file
(https://docs.cyclomedia.com/streetSmart/widget/copypaste.txt) to the top right before the "arcgis-map" bracket on line 2:

The copied code should look like this in Notepad++

```
1    [
2        {
3            "name": "StreetSmart-ExB",
4            "manifest": {
5                "name": "StreetSmart-ExB",
151          "order": 1,
152          "group": 7
153      },
154      {
155          "name": "arcgis-map",
156          "manifest": {
157              "name": "arcgis-map",
```

2.2 Appendix 2 – Tip to create a shortcut for the terminals.

Windows, to create a shortcut so you don't have to manually type in the command 'npm start' from the two folders every time, follow these steps:

1. Right click on some empty space in Explorer, preferably where your Experience Builder folder is saved, and in the context menu go to "New/Shortcut".
2. When prompted to enter a location put in:

   "C:\Windows\System32\cmd.exe /k cd your-client-location & npm start" and
   "C:\Windows\System32\cmd.exe /k cd your-server-location & npm start"

This will run the command and keep (**/k**) the command prompt open after.

It should look like this once finished:
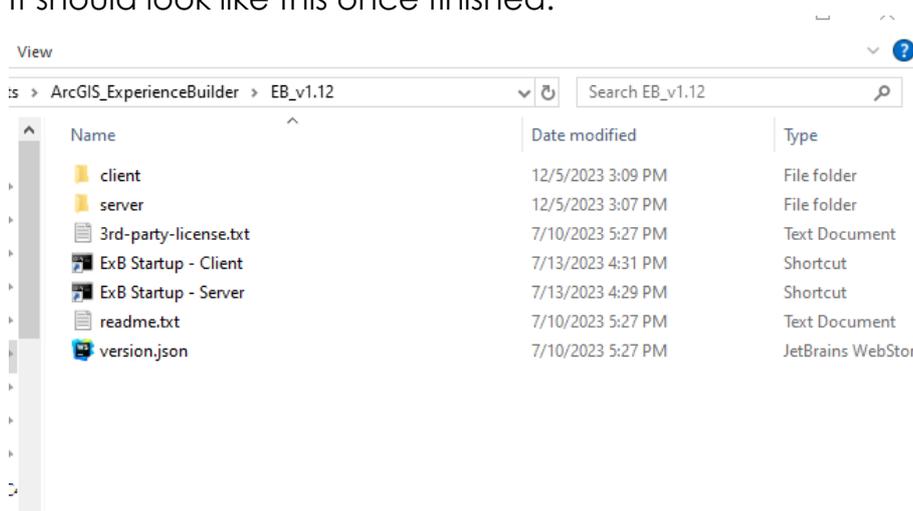
MacBook:
Right mouse click and 'Open in terminal' from the client and server folders

[C:\EXB\arcgis-experience-builder-1.13\ArcGISExperienceBuilder\client & C:\EXB\arcgis-experience-builder-1.13\ArcGISExperienceBuilder\server]

3 ArcGIS Enterprise 11+ Instructions

- Once the widget is added to your application, publish the application on the top right
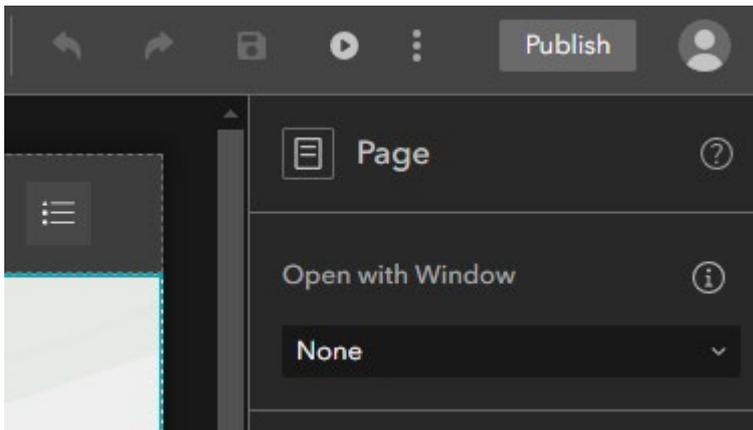
- Download the application using the three dots on the top right of the ExB builder
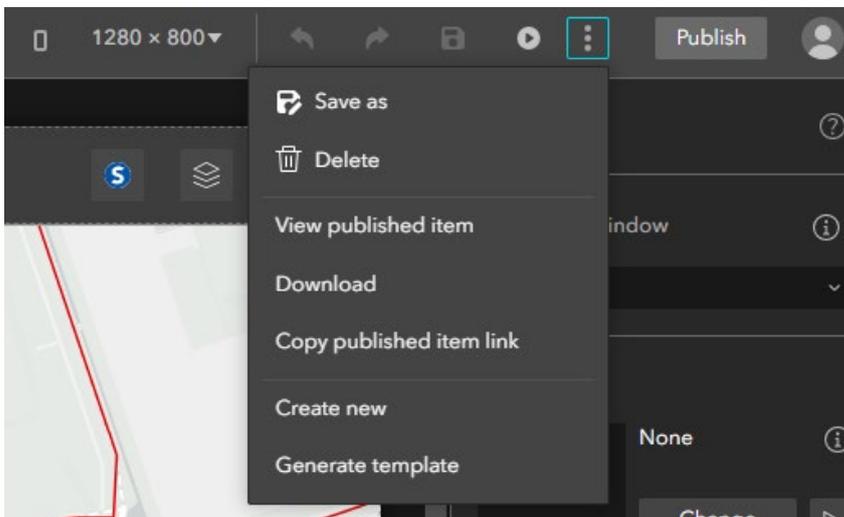
- Once the application finishes downloading, go to the '../client/dist-prod/widgets' folder of your ExB files
- There you should see a copy of the 'StreetSmart-ExB' folder that was added to your application

- Copy the widget inside of the 'dist-prod' folder and transfer it over to your Enterprise server
- Note: if you don't see the widget folder inside of 'dist-prod' then check inside of the application just downloaded for the Street Smart widget inside of there
- From there you can follow the Esri instructions to get your widget registered on your Enterprise if it is version 11+
- https://doc.arcgis.com/en/experience-builder/11.0/configure-widgets/add-custom-widgets.htm