JOSM Toolbar Customization

Introduction

In the spirit of OSM's open source approach to mapping, JOSM allows a high level of customization that can save you a lot of time with the features that you are editing. This document will teach you how to add buttons that can be used to instantly add any set of tags imaginable to any object in OSM.

In these instructions you will be using a sample XML file before being introduced to editing the file and making your own.

Clearing Up the Toolbar

The first thing you are going to do is remove a lot of the unnecessary buttons on the toolbar. We are a transport feature focused office, yet a lot of the default buttons concern themselves with POIs. Also, even those default buttons on the toolbar related to transportation features are *presets*. Clicking on these after selecting an object on the map will not instantly change the object, but rather open up a dialogue first with a form for you too fill out the desired tags. You might as well have gone directly to the tags panel.
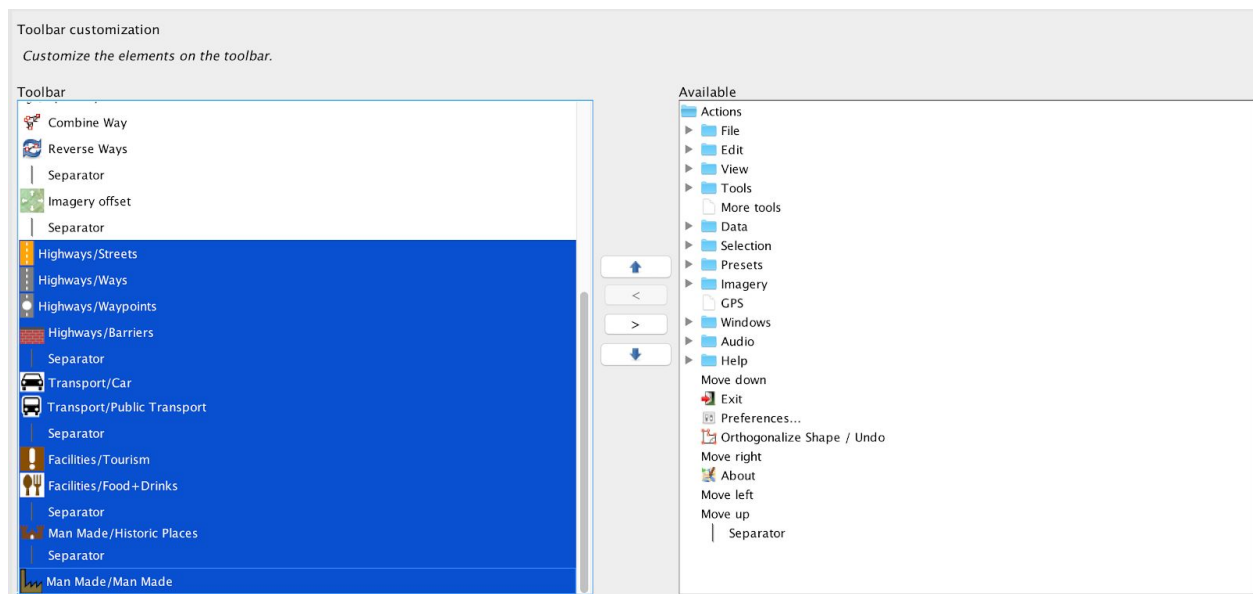
In these instructions you will learn how to add buttons that will directly change the tags on an object.

To change features on the toolbar you first select *preferences* . Go to the left hand menu and select the 5th option from the top . This will give you the *Toolbar Customization* menu.

Now you will see two lists. One labeled *Toolbar* showing what's actually on your toolbar and the other labeled *Available* which simply gives your overall options for editing the toolbar.

Go to the toolbar box and highlight every option from **Highways/Streets** down to **ManMade/ManMade**. Then press the **>** button in the center of the panel. Now at the bottom of the dialogue press okay. All of the elements you had selected now disappear.

Hit OK at the very bottom of the panel. JOSM may prompt you to restart, though when you see the toolbar, all of the buttons you had selected should be gone.
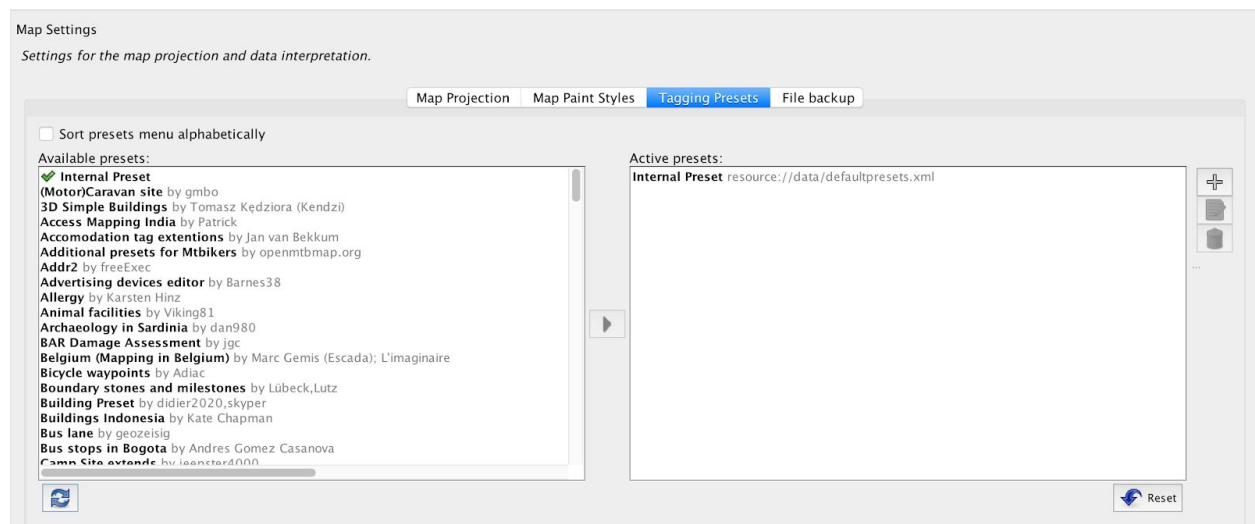
Importing Custom Presets

Now go back to the Preferences panel, and on the left-hand menu select the 3rd option from the

top: **Map Options** .

Now on the **Map Options** panel, pick the **Tagging Presets** tab.

Once again you'll see an **Available** list showing your overall options and an **Active Presets** list displaying what you've actually picked though in this case the **Available** menu happens to be on the left.

Hit the ⊹ symbol on the right of the panel and a window will pop up allowing you to select an XML file. Find the right file and select it. You don't have to give it a name. Then press OK. JOSM should prompt you to restart now. Accept. Sometimes JOSM will not prompt you to restart at this step, but if you don't do so after having imported an XML file, your custom elements will not show up. Always restart after importing a new XML file, even if not prompted to do so.

After restarting once again, follow the aforementioned steps to get to the **Toolbar Customization** menu. Open the **Presets** folder in the **Available** window. Now you should find the custom elements from the XML file. Highlight them and press the **<** symbol in order to add them to the Toolbar box. Then press okay. You should now see the buttons on your toolbar.