

# Migrating from the “Path X-Y Coordinates (Deprecated)” Screen

This Technical Memo provides instructions for migrating from the deprecated browser screen and library **Path: X-Y Coordinates (Deprecated)** to its replacement **Path: X-Y Coordinates** in CarSim, TruckSim, and BikeSim.

<b>Note</b> The library <b>Path: X-Y Coordinates (Deprecated)</b> was removed in version 2021.0. To migrate data from this screen, you will have to work from version 2020.1 or older.
--

From time to time, the addition of new features or support for more detail in existing features causes the introduction of new library screens with substantially similar function (though most often with new, additional capabilities). The older, less capable screens are retained in the product to ensure backward compatibility and support updates of older databases. However, after a time the older screens are removed.

With the release of Version 2020.0, the **Path: X-Y Coordinates (Deprecated)** screen and library has been deprecated (i.e., marked for retirement). Normal policy is to retain a deprecated screen for two releases before removal. In other words, this deprecated screen will be carried in the 2020.0 and 2020.1 scheduled releases, and no longer appear in Version 2021.0.

For some technical reasons, when support for the Atlas mapping tool was added to the products it was necessary to create a new screen and library, **Path: X-Y Coordinates**, rather than adding that function to the existing screen. The original screen was renamed **Path: X-Y Coordinates (Legacy)** and has been deprecated. The new screen supports all the function of the old one and adds the new mapping feature.

## Differences Between the Libraries

Figure 1 shows a **Path: X-Y Coordinates** screen and Figure 2 shows the deprecated **Path: X-Y Coordinates (Deprecated)** screen.

Both screens perform the same function. They define a path via a set of X and Y coordinates and assign an ID to the path. Optionally, they define the path to be a loop, set the value of “station” at the beginning of the path, and assign GPS reference values for the table origin. The **Path: X-Y Coordinates** adds support for the Atlas mapping tool, including tools to smooth the imported GPS data.

For brevity, the screens will be called **Deprecated** and **New** in most of the remainder of this document.

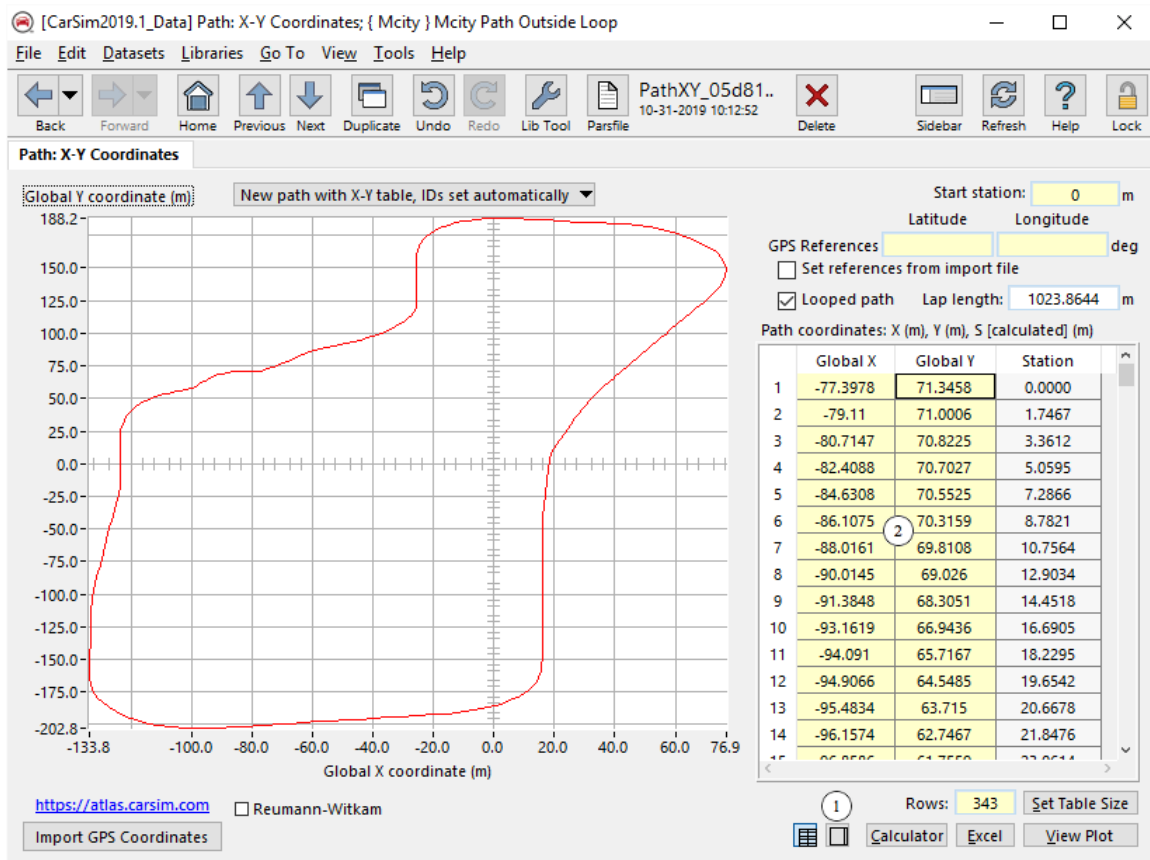


Figure 1. Path: X-Y Coordinates screen

## Migrating the Data – Preparing a Screen

To assist you in moving to the newer screen, it's a good idea to first navigate to the **Deprecated** screen for the dataset you want to replace. Click the blank radio button ① to change from spreadsheet view to text edit view, if necessary. Use the **View** menu item and select "Additional Window (Read-Only)". This opens a copy of the screen you can refer to while building its replacement in the **New** screen. Note that in the read-only copy you can navigate among screens and copy data to the clipboard, but you cannot change the contents of any screen.

In the read-write copy that you have open, use the **Libraries** menu item to navigate to **Path: X-Y Coordinates**. You will create a dataset in this library for each dataset you need to transfer from the **Path: X-Y Coordinates (Deprecated)**. To do this, Use the **File** menu item and select "New Dataset (Empty)". In the dialog that opens, type in the category name and title from the read-only copy. (Remember you are creating a replacement in a different library, so the same category and title is a good idea). Note that all the fields in the new screen are empty.

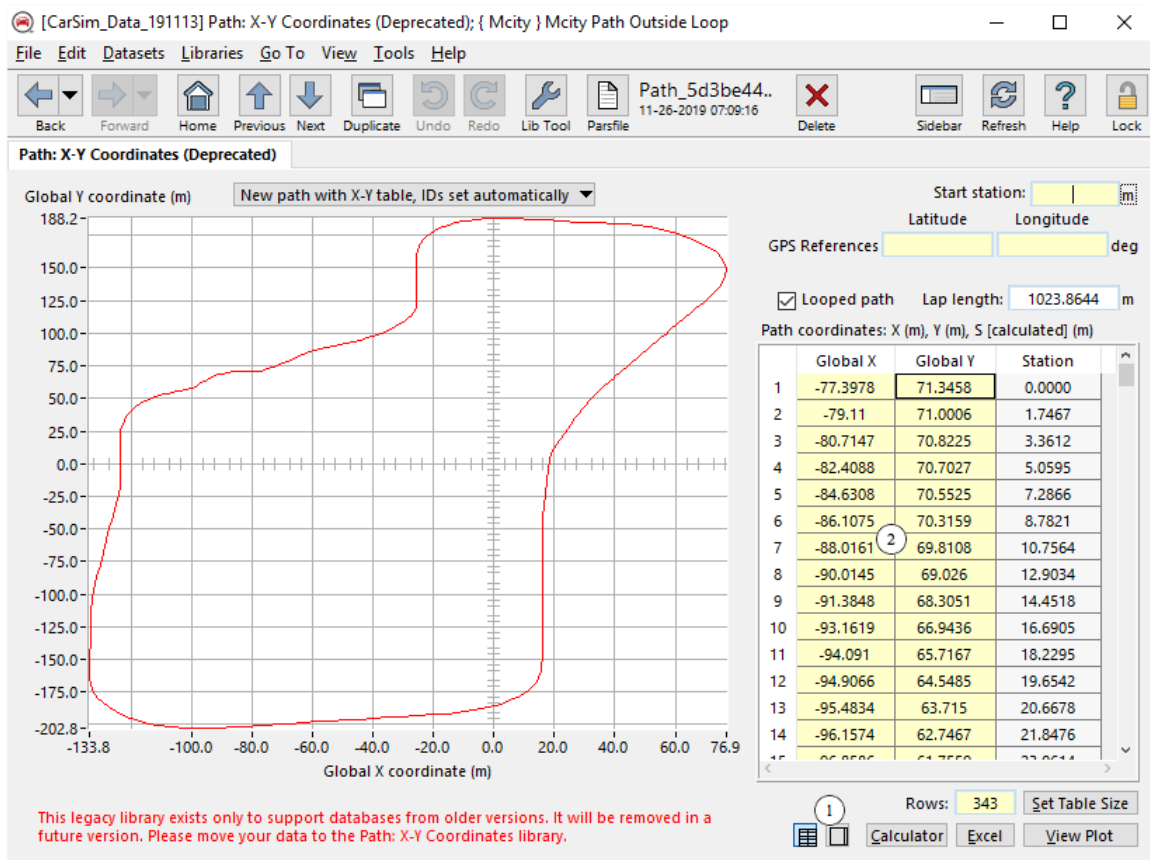


Figure 2. Path: X-Y Coordinates (Deprecated) screen

## Migrating the Data

On the **Deprecated** screen (open in read-only mode) select the entire contents of the table field using Ctrl-A.

Use Ctrl-C to put the contents on the clipboard.

On the read-write copy, use Ctrl-V to paste the table data into the **New** screen

One by one, change each control as necessary on the **New** screen to have the same settings as the **Deprecated** screen.

Copy and paste any data in the remaining data fields to the **New** screen.

## Finishing Up

After creating the new datasets in **Path: X-Y Coordinates**, close the read-only window and navigate to the **Path: X-Y Coordinates (Deprecated)** library again. For each dataset, use **Tools** from the menu and choose **Find All References to This Dataset** to find the places that linked to it. One by one, double-click the listed items to go to the screen where the **Deprecated** dataset is linked, and change that link to the **New** dataset just created.

Complete the above steps for each dataset in the **Path: X-Y Coordinates (Deprecated)** library. Once you are sure the data has been transferred correctly and is linked to the datasets that use it, it's a good idea to delete the **Path: X-Y Coordinates (Deprecated)** datasets so you won't use them in the future. Remember, when the screen is retired any data still there will be lost.