Changing an Open Polyline to a Closed Polyline

The information in this article applies to:

Premier Interiors

QUESTION

I created a polyline using the Draw Line and Draw Arc tools, but cannot get the edges that I drew to connect for a single object. Instead, the individual lines and arcs can only be selected separately. What am I doing wrong?
ANSWER

Individual CAD lines and arcs can be snapped together end-to-end to form a polyline, but only when Endpoint Object Snaps are turned on and Connect CAD Segments is turned on.

To turn on Endpoint Object Snaps and turn on Connect CAD Segments

1. Select Edit> Snap Settings from the menu and make sure that Object Snaps - and particularly, Endpoint snaps - are enabled.

2. Navigate to Edit> Edit Behaviors and make sure that Connect CAD Segments has a check next to it.

3. You can also toggle Connect CAD Segments on and off on the CAD panel of the Preferences dialog:
   - Select Edit> Preferences from the menu if you're on a Windows PC or Chief Architect> Preferences if you're on a Mac.
Select **CAD** from the list of categories on the left, and then check the box beside **Connect CAD Segments** in the Options section.

Click **OK** to close the dialog and apply your change.

After a connected polyline has been created, if a segment of the polyline needs to be disconnected and moved or altered, you can disconnect a segment from the polyline.

**To disconnect a segment from a polyline**

1. Using the **Select Objects** tool, click on the desired segment of the polyline,

2. Click on the **Disconnect Selected Edge** edit button.

The selected segment can now be deleted, moved or altered separate from the rest of the polyline.
Alternatively, select CAD > Lines > Disconnect Edges to toggle the Disconnect Edges option. With this option turned on, each segment selected will disconnect from the polyline.

Related Articles

- Converting a Polyline into a Terrain Perimeter (/support/article/KB-00324/converting-a-polyline-into-a-terrain-perimeter.html)
- Using the Fillet and Chamfer Edit Tools (/support/article/KB-00389/using-the-fillet-and-chamfer-edit-tools.html)