

Managing Overlapping Optimizer Lists

It's completely fine to create [Optimizer lists](#) that overlap. For example, you might want to have two location lists: one containing all the classrooms in the Business Complex and another containing all classrooms with 50 or more seats. A large classroom in that building could be a member of both lists.

Conflicting Transformations

When lists overlap, all transformations from all the lists included in the run are applied unless they are contradictory, such as "increase class size by 10%" and "decrease class size by 15%." In cases where transformations are in conflict, the one applied is the transformation belonging to the first list in display order.

You can compare the conflicts between overlapping lists on the Transforms page.

List Mode ▾Location List

Move Up

Move Down

Move Top

Move Bottom

Apply Transformation

Lists

Name	Count	Transformations
<input type="checkbox"/> Davis Arts Center	7	
<input type="checkbox"/> Business Quad	28	
<input checked="" type="checkbox"/> Baker Building	72	• Alter capacity: add 10 percent
<input type="checkbox"/> Highland Science Center	57	
<input type="checkbox"/> Sports Complex	22	
<input checked="" type="checkbox"/> 20 - 39 Capacity	44	• Alter capacity: subtract 5 percent
<input checked="" type="checkbox"/> 40 - 59 Capacity	146	• Alter capacity: subtract 15 percent

Conflicts and Overlaps

Baker Building

List	Overlap	Conflicting Transformations
20 - 39 Capacity	11	• Alter capacity: add 10 percent
40 - 59 Capacity	59	• Alter capacity: add 10 percent

20 - 39 Capacity

List	Overlap	Conflicting Transformations
Baker Building	11	• Alter capacity: subtract 5 percent

40 - 59 Capacity

List	Overlap	Conflicting Transformations
Baker Building	59	• Alter capacity: subtract 15 percent

Image: Three overlapping lists with contradictory transformations selected on the Transforms page.

Comparing Conflicts on Overlapping Lists

1. Navigate to Transforms

- In X25 Analytics, select **Transforms** from the left sidebar under the **Projects** tab.

2. Select Lists to Transform

- Use the **List Mode** drop-down to choose to manage event or location lists.
- **Select** the lists you want to edit.

3. View Conflicts and Overlaps

- The names of the lists will appear on the right side of the screen. If one list contains the same rooms/events as another, they are shown underneath.
 - The **Overlap** column shows the number of events/rooms shared by each list.
 - The **Conflicting Transformations** column shows any transformations which are contradictory.

Changing List Display Order

1. Select any Number of Lists, as Described Above

2. Move Items

- Click **Move Up** or **Move Down** to move the selected lists higher or lower in display order.
 - Click **Move Top** or **Move Bottom** to send the selected lists to the very top or bottom of the display order.
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