

Auto-Generating Optimizer Lists

When [creating Optimizer lists](#) you'll often find that you are creating the same lists over and over again to split up the events or locations in your snapshot. To make this easier, X25 Analytics has the option of auto-generating lists based on common characteristics. This option quickly creates multiple lists which you can then use in your [simulation runs](#).

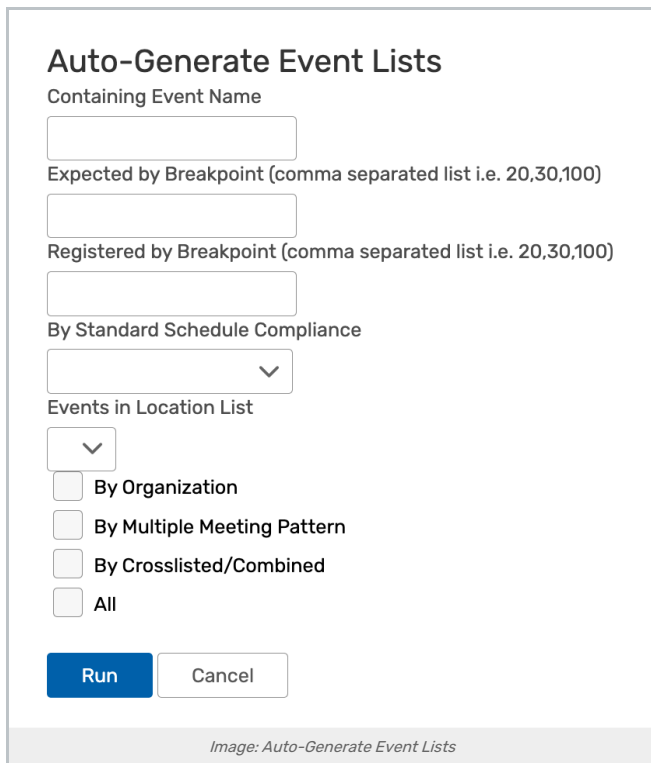
Once created, auto-generated lists behave just like any others created manually. You can add or remove items from them, rename or delete them, or [add transformations](#).

Because list auto-generation gives you the potential to create a large number of lists that would be tedious to delete one by one, the auto-generation method also comes with the ability to quickly delete multiple lists. This deletion method works on any list no matter how it was created, but is especially suited to deleting auto-generated lists because of the naming conventions involved.

To Auto-Generate Optimizer Lists

1. Open the Auto-Generate Event Lists Modal

- In X25 Analytics, navigate to **Projects > Models > Lists**.
- From the **List Mode** dropdown, choose **Event List** OR **Location List**.
- Next, click the **Auto** button to open the Auto-Generate Event/Location Lists modal.



Auto-Generate Event Lists

Containing Event Name

Expected by Breakpoint (comma separated list i.e. 20,30,100)

Registered by Breakpoint (comma separated list i.e. 20,30,100)

By Standard Schedule Compliance

Events in Location List

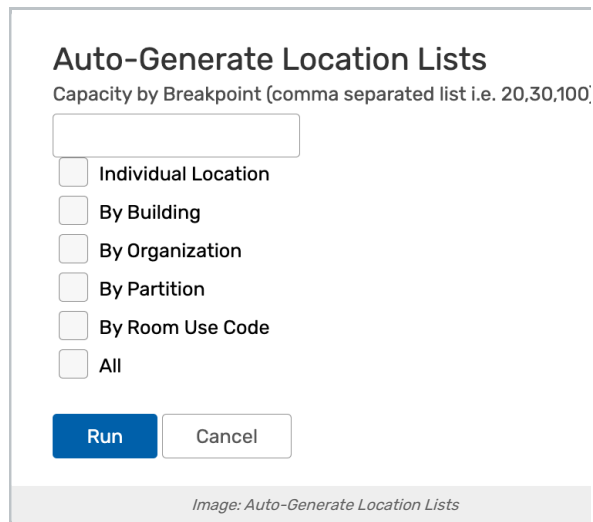
☐ By Organization

☐ By Multiple Meeting Pattern

☐ By Crosslisted/Combined

☐ All

Image: Auto-Generate Event Lists



Auto-Generate Location Lists

Capacity by Breakpoint (comma separated list i.e. 20,30,100)

☐ Individual Location

☐ By Building

☐ By Organization

☐ By Partition

☐ By Room Use Code

☐ All

Image: Auto-Generate Location Lists

2. Select the Type(s) of Lists you Wish to Generate

- Most lists only require you to select the corresponding checkbox.
- Breakpoint lists require you to type in a comma-separated list of breakpoints, such as *0,10,30,100*.

3. Click Run to Close Generate

The new lists are available in the list selection dropdown menu.

List Types

There are several types of lists that can be generated using this method. You can use as many or few options as you need.

- **All** - This option makes a single list that contains all events or locations in the snapshot.
- **Event List options:**
 - **By Organization** - This option creates a list for each organization in the snapshot.
 - **By Standard Schedule Compliance** - This option creates lists based on the [standard schedules](#) defined elsewhere. For each schedule, a list is created for "compliant" events (those whose meeting patterns are found in the standard schedule) and "non-compliant" (those whose meeting patterns aren't found in the standard schedule).
 - **Events in Location List** - This option creates a list of events assigned to locations in a previously created location list.
 - **Expected/Registered by Breakpoint** - These options require you to specify breakpoints to create lists, such as 0, 10, 30, 100. Each number you specify will be the start of a range of data. For example, these breakpoints would make lists of events with headcounts between 0-9, 10-29, 30-99, and 100+.
 - **Multiple Meeting Pattern:** This option creates two lists, one for MMP events (those with multiple meeting patterns, or "segments") and one for all other events.
 - **Crosslisted/Combined:** This option creates two lists, one for events in binding relations and one for all other events.
 - **Event Name:** This option creates a single list including of any event whose name creates specific text.
- **Location List options:**
 - **Capacity by Breakpoint** - This option require you to specify breakpoints such as 30, 50, 100. Each number you specify will be the start of a range of data. For example, those breakpoints would make lists of locations with maximum capacities between 0 - 29, 30-49, and 50+.
 - **By Individual Location, Building, Organization, Partition, Room Use Code** - These options make a separate list for each individual location, building, organization, partition, or room code in the snapshot.