Boomi Integration ▾   Master Data Hub ▾   API Management ▾   Boomi Flow ▾

[Search user guide]   **Search**

Contents

Adding a field

Add a field to a model by specifying the field's name, type, and other properties.
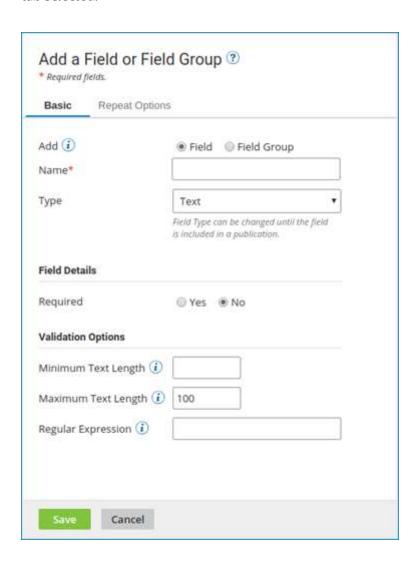
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Procedure

1. Do one of the following:

   In the **Fields** tab, click **Add a Field or Field Group**.

   In the dialog used to select a method for adding fields, click **No thanks, I'll add fields manually**.

   The Add a Field or Field Group dialog appears and takes focus with its **Basic** tab selected.

2. In the **Name** field, type the field name.

3. In the **Type** list, select the field type. Text is the default. For ordinary fields, the alternatives are Integer, Float, Date/Time, Date, Time, Boolean, Enumeration and Long Text.

   Once the field is in a published version of the model, its type cannot be changed.

4. If you selected **Type** Enumeration, enter the allowable field values as follows (otherwise, skip to step 5):

   a. In the **Allowable Values** field, type a unique value.

   b. Click ➕ **Add allowable value**.

      Case-sensitivity is enforced. For example, once you add "red" to the list, you cannot add "Red" or "RED".

      The value appears in the list below.

Related concepts

Fields overview

Field

Collection item matching examples

Related references

Fields tab

Related tasks

Adding fields from a Dell Boomi Integration profile

Adding fields using Boomi Suggest

Adding a reference field

Modifying the properties of a field

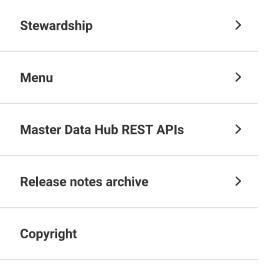Adding a field group

Adding a field to a field group
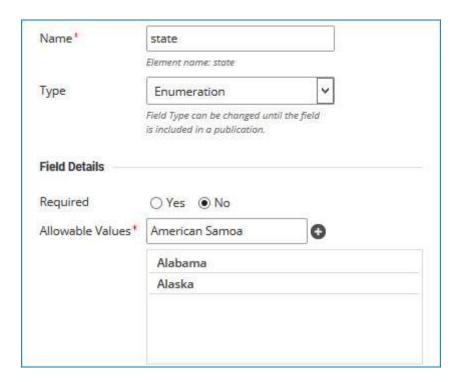
Modifying the properties of a field group

Removing a field from a field group

Reordering fields and field groups

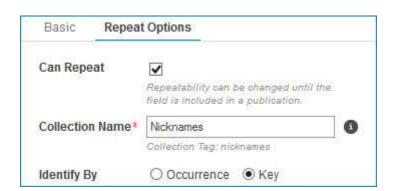Deleting a field or field group

Viewing and restoring deleted fields

c.   For each additional value, repeat steps a–b.

Note: To delete a previously typed value, click ❌ **Delete this value** adjacent to the value in the list.

5.   To require the field to have a value in golden records, select Required — **Yes**.

6.   **Optional:** If you selected **Type** Text, to set validation options for the field, do any or all of the following. Incoming entities having one or more fields that fail validation will be quarantined.

a.   To require validation of a minimum number of characters, in the **Minimum Text Length** field, type that number.

b.   To require validation of a maximum number of characters, in the **Maximum Text Length** field, type that number. This field can be set to a maximum of 255 characters.

c.   To require validation using pattern matching, in the **Regular Expression** field, type the regular expression specifying the pattern against which to match. See the **regular expression syntax** for help on how to build regular expressions.

7.   **Optional:** To make the field repeatable, which enables the representation of a collection:

a.   Select the **Repeat Options** tab.

b.   Select **Can Repeat**.

c.   In the **Collection Name** field, type the collection name.

d.   Select one of the following **Identify By** options, which controls the method by which collection items in incoming entities are matched with collection items in golden records:

To enable matching based on order of occurrence, select **Occurrence**.

To enable matching by key field values, select **Key**.

8.   Click **Save**.

The dialog closes.

If the specified **Name** is not the same as that of a deleted field, the field is added as the last field in the golden record structure. You can then change the relative position of the field if you like.

Otherwise, a dialog appears enabling you to add a new field with that name or restore the deleted field — see the topic about viewing and restoring deleted fields, linked below.

> **Let us know what you think**