Object types

An object type is a group of similar objects in an object schema. These objects share attributes, references, and other characteristics that make them useful to hold information. This section will show you how to create, delete, and edit object types and configure their roles and inheritance.

Creating an object type

Before you can create objects, you must create an object type. You can create an object type by clicking Object Type > Create.

To create an object type, you need to be logged in with an Insight administrator role or an Insight schema manager role:

1. Click Insight in the left sidebar.
2. Under Insight, click Object Schemas and select your object schema.
3. Click Object Type at top-left and select + Create.
4. In the dialog box:
   a. Enter a Name for the object type (required).
   b. Select an Icon for the object type.
   c. Select a Parent object type. If None is selected, the object type will be at the root level in the object schema.
   d. Enter a Description for the object type.
5. Click the Create button to create the new object type. To add more than one object type at the same time, click the Create another checkbox and click Create.

You can copy or delete object types.

To copy an object type, you need to be logged in as an Insight Administrator:

1. Click Insight in the left sidebar.
2. Under Insight, click Object Schemas and select your object schema.
3. Click Object Type at top-left and select Copy.
4. Under Copy as, enter a new name for the object type.
5. Click Copy to create the new object type.

To delete an object type, you need to be logged in as an Insight administrator or an Insight schema manager:

1. Click Insight in the left sidebar.
2. Under Insight, click Object Schemas and select your object schema.
3. Click Object Type at top-left and select Delete.
4. Click Delete to confirm you wish to delete this object type.

Deleting this object type will remove it permanently and all related objects. It will also remove all attributes referenced to this object type. All children object types will be removed permanently with all related objects.

Configuring object types

Object types can also be configured to manage roles and inheritance. You can access the configuration options for object types by clicking Object Type > Configuration.
The **General** tab allows you to change the name and description of the object schema.

To change the name or description of an object type, you need to be logged in as an Insight administrator or an Insight schema manager:

1. Click **Insight** in the left sidebar.
2. Under **Insight**, click **Object Schemas** and select your object schema.
3. Click **Object Type** at top-left and select **Configure**.
4. Under the **General** tab, click **Name**, **Icon**, or **Description** to edit the name, icon, or description of the object type.

You can use the **Roles** tab to manage who has permissions to manage and view this object type.

To add a user or group to an object type role, you need to be logged in as an Insight Administrator:

1. Click **Insight** in the left sidebar.
2. Under **Insight**, click **Object Schemas** and select your object schema.
3. Click **Object Type** at top-left and select **Configure**.
4. Under the **Role** tab, click **Users** and **Groups** to add users and groups as Object Type Manager, Object Type Developer, and Object Type User.

To add a user or group to an object type role, you need to be logged in as an Insight Administrator:

1. Click **Insight** in the left sidebar.
2. Under **Insight**, click **Object Schemas** and select your object schema.
3. Click **Object Type** at top-left and select **Configure**.
4. Under the **Role** tab, click the **x** next to the **User** or **Group** to remove Object Type Managers, Object Type Developer, and Object Type User.

Finally, you can use the **Inheritance** tab to manage how attributes are inherited in this object type.

If you wish, you can force all children of an object type to inherit the attributes of their parent object type. To allow attributes to be inherited by object type children, you need to be logged in as an Insight Administrator or Object Type Manager:

1. Click **Insight** in the left sidebar.
2. Under **Insight**, click **Object Schemas** and select an object schema.
3. Click **Object Type** at top-left and select **Configure**.
4. Under the **Inheritance** tab, click the **Let the attributes be inherited by object type children**.
If you wish, you can set an object as abstract, which means that this object type can't be used to create objects but will only act as a placeholder. If you need to be logged in as an Insight Administrator Object Type Manager:

1. Click Insight in the left sidebar.
2. Under Insight, click Object Schemas and select an object schema.
3. Click Object Type at top-left and select Configure.
4. Under the Inheritance tab, click Set the object type as abstract.