

Exercise - Create an Entity (ID field)

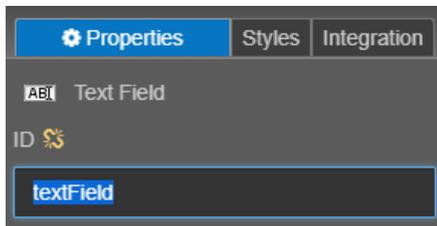
This exercise will demonstrate how to create an Entity directly in the ID field.

Step 1: Create a form

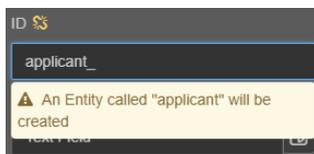
1. Make sure the Navigator Panel is visible
2. Select Forms
3. Click 'Create Form'
4. Enter the follow details:
 - Form Name: Exercise - Entities
 - Description: This form is to demonstrate how to work with Entities.
 - Template: Training Template
5. Click 'Create'
6. Note: a new form should display (new window tab) in Design view

Step 2: Create an Entity

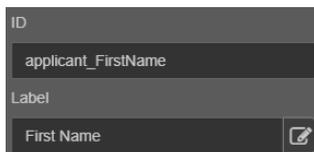
1. Make sure the Palette panel is visible
2. Add a new 'Text Field' into the 'About You' section
3. Notice: the focus is set by default to the ID property (Properties panel)



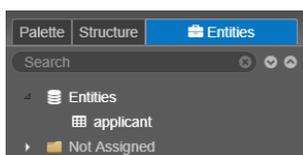
4. To create a new Entity, enter 'applicant' followed by an underscore, '_'
5. Notice: after you enter underscore () an inline warning displays beneath 'An Entity called applicant will be created'



6. Enter 'FirstName' as the ID (after the underscore) then press TAB or click away.
7. Notice: the Label Property displays as 'First Name' (without the Entity name)



8. Display the 'Entities' panel and notice the 'applicant' Entity with one related 'FirstName' component

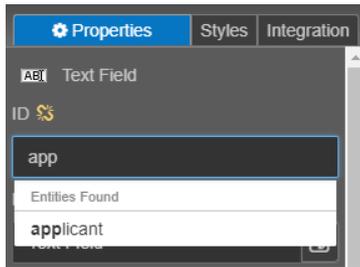


9. Click Save

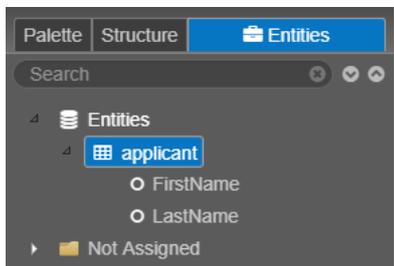
Step 3: Assign an Entity

An existing Entity can be assigned to a new component using the ID field.

1. Add another 'Text Field' component beneath 'First Name'
2. Enter the first few letters of 'applicant' in the ID property field, i.e. 'app'
3. **Notice:** as you type, any matching Entities will display in an inline dropdown menu



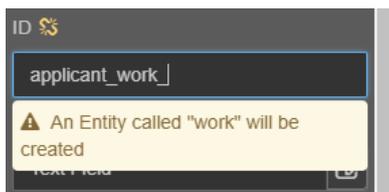
4. Select 'applicant' to populate the ID Property field
5. Enter 'LastName' (after the underscore) for the ID name.
6. **Notice:** the label name displays as 'Last Name' only
7. Display the 'Entities' panel and confirm the 'applicant' Entity now has two related components



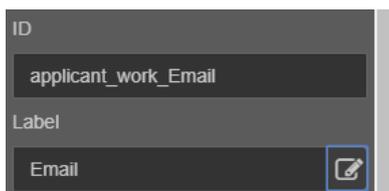
Step 4: Create a nested Entity

You can create Entities within Entities, i.e. a nested Entity.

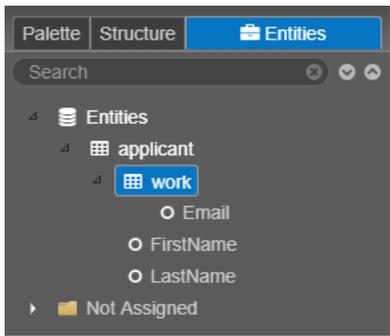
1. Add another new 'Text Field' beneath 'Last Name'
2. Enter the first few letters of 'applicant' in the ID property field
3. Select the 'applicant' Entity
4. Enter 'work_' as the new nested Entity, e.g. 'applicant1_work_'
5. **Notice:** after you enter the second underscore (_) an inline warning displays beneath 'An Entity called work will be created'



6. Enter 'Email' for the ID name, e.g. 'applicant1_work_Email'
7. Press Tab or click away from the ID property field
8. **Notice:** the label name displays as 'Email' only



9. Display the 'Entities' panel and confirm the nested 'work' Entity with one related component



10. Click Save

Please note: any existing IDs with an underscore will not automatically cause Entities to be created. Entities will only be created when you modify an existing ID. Any underscores followed by one or more digits (like suffixes applied by auto-generated IDs) will also be ignored.