



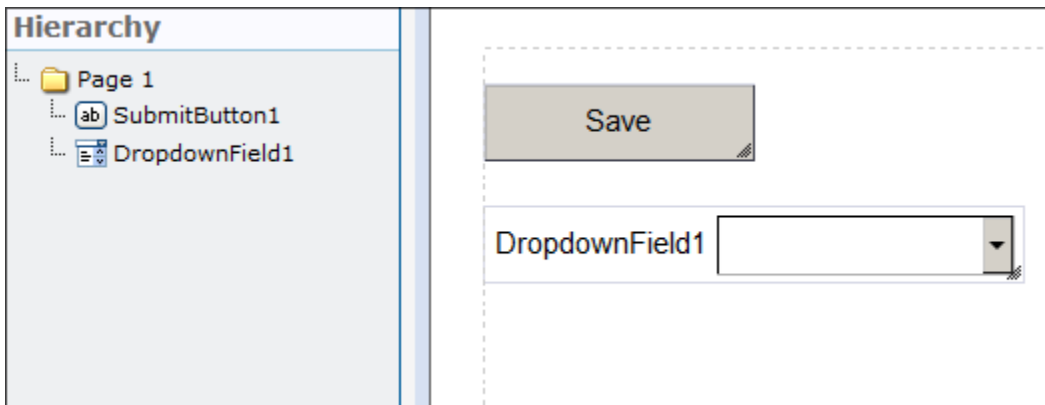
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Populating dropdown fields
without losing already selected value

Dynamic XFA forms

As an example, we will use the following template:



This template has one submit button and dropdown field (DropdownField1).

Step 1. Add script to “On Form Ready Script” event: *PDF Form Tools* → *Developer* → *On Form Ready Script*.

Code:

```
//Save value from dropdown
var ddvalue = xfa.resolveNode("$data.. DropdownField1").value;

//Get dropdown
var dropdown = xfa.resolveNode('$form.Root.Default..DropdownField1');

//Clear dropdown
dropdown.clearItems();

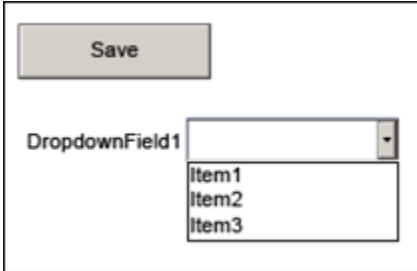
//Specify items for dropdown(replace "Item1;Item2;Item3" with proper items)
var val = "Item1;Item2;Item3";
var len = val.split(";").length;

//Add items to dropdown(just add items to dropdwon above)
for(var i = 0;i< len; i++){
dropdown.addItem(val.split(";")[i],val.split(";")[i]);
}

//Set selected value in dropdown
xfa.resolveNode('$form.Root.Default..DropdownField1').value = ddvalue;
```

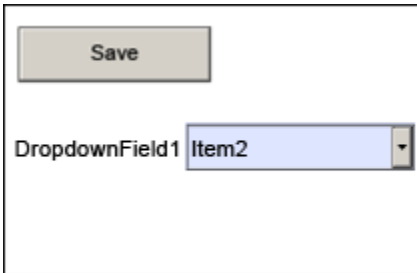
This code will clear DropdownField1 and populate it with data defined inside script (Item1, Item2, Item3). At the end it will set selected value in DropdownField1 using data saved inside TextField1.

Step 2. Deploy the template and create a form.



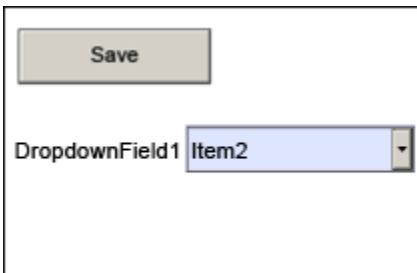
A screenshot of a form interface. At the top left is a grey button labeled "Save". Below it is a dropdown menu labeled "DropdownField1". The dropdown menu is open, showing three items: "Item1", "Item2", and "Item3".

As can be seen, we have three items inside DropdownField1. As an example, we will select "Item2".



A screenshot of the same form interface. The "Save" button is still present. The "DropdownField1" dropdown menu is now closed, and "Item2" is selected and displayed in the dropdown box.

Step 2.1. Save the form and open it again.

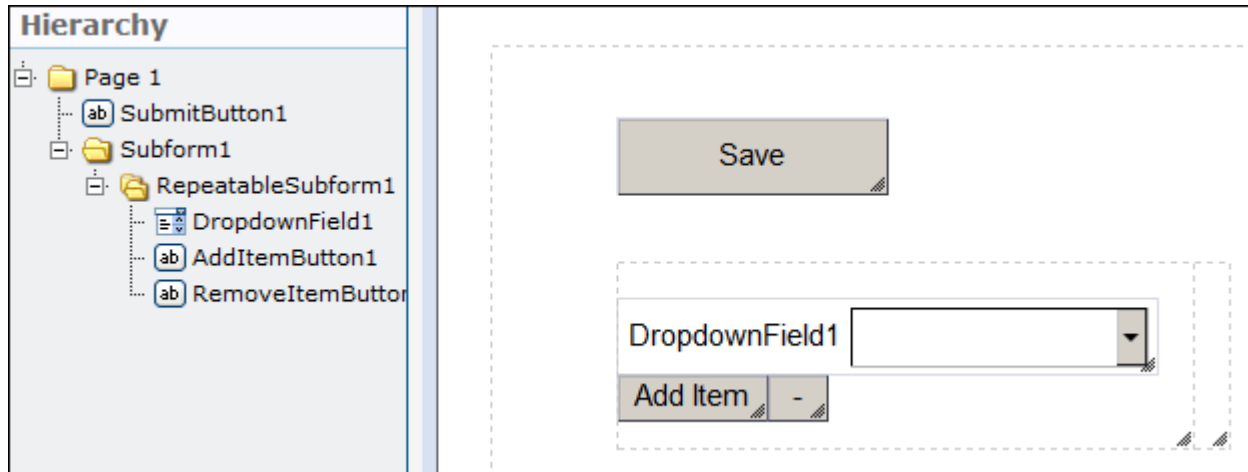


A screenshot of the form interface after saving and reopening. The "Save" button is at the top left. The "DropdownField1" dropdown menu is open, showing "Item2" selected and highlighted in blue. The other items are not visible.

DropdownField1 has been cleared and populated again, but "Item2" still remains selected.

Populating dropdown fields in repeatable sub forms

1. Template



This template has repeatable sub form with dropdown field and buttons for adding and removing items.

2. Add script to “On Form Ready Script” event: *PDF Form Tools* → *Developer* → *On Form Ready Script*.

Code:

```
//Get number of dropdowns
var count =
xfa.resolveNode('$form.Root.Default.Subform1.RepeatableSubform1').instanceManager.count;

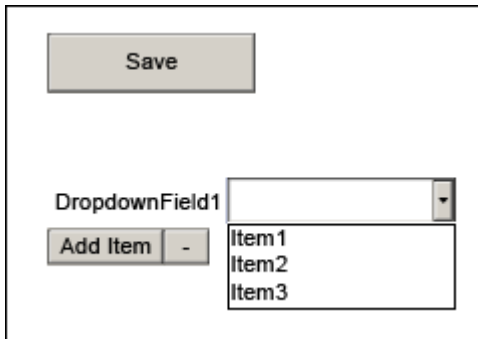
for (var j = 0; j < count; j++) {
    //Get dropdown
    var dropdown =
xfa.resolveNode("$form.Root.Default.Subform1.RepeatableSubform1["+j+"]..DropdownField1");

    //Clear dropdown
    dropdown.clearItems();
    //Specify items for dropdown(replace "Item1;Item2;Item3" with proper items)
    var val = "Item1;Item2;Item3";
    var len = val.split(";").length;

    //Add items to dropdown(just add items to dropdown above)
    for(var i = 0; i < len; i++) {
        dropdown.addItem(val.split(";")[i], val.split(";")[i]);
    }
}
```

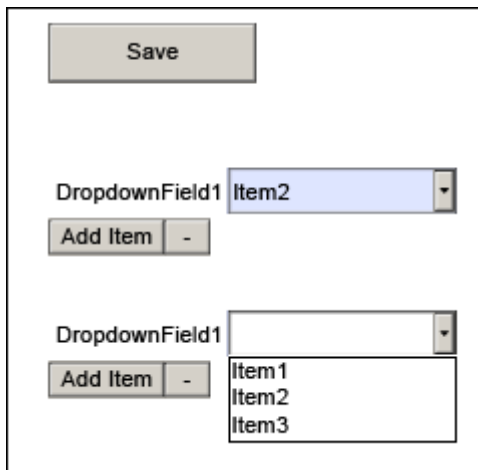
This script will check the number of dropdowns in repeatable sub form and populate them with data defined inside script (Item1, Item2, Item3).

3. Deploy the template and create a form.



The screenshot shows a form with a "Save" button at the top. Below it is a dropdown field labeled "DropdownField1" which is currently empty. To the left of the dropdown is an "Add Item" button with a minus sign. The dropdown menu is open, showing three items: "Item1", "Item2", and "Item3".

We can set some value to dropdown field and add one more:

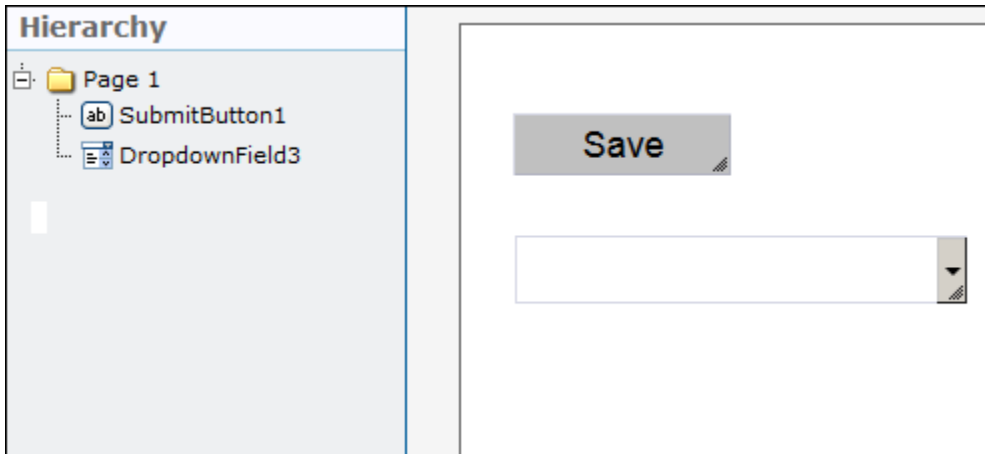


The screenshot shows a form with a "Save" button at the top. Below it is a dropdown field labeled "DropdownField1" which now has "Item2" selected. To the left of the dropdown is an "Add Item" button with a minus sign. Below this is another dropdown field labeled "DropdownField1" which is empty. To the left of this second dropdown is another "Add Item" button with a minus sign. The second dropdown menu is open, showing three items: "Item1", "Item2", and "Item3".

New dropdown field has been added and populated with the same data as the previous one.

Static Acro forms

As an example, we will use the following template:



This template has one submit button and dropdown field (DropDownField3).

Step 1. Add script to “Global JavaScript” event: *PDF Form Tools* → *Developer* → *Global JavaScript*.

Code:

```
//Save value from dropdown
var ddvalue = this.getField("DropDownField3").value;

//Get dropdown
var dropdown = this.getField("DropDownField3");

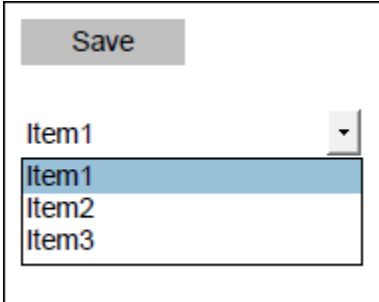
//Clear dropdown
dropdown.clearItems();

//Add items to dropdown(just add items)
dropdown.setItems([["Item1", "Item1"],["Item2", "Item2"],["Item3", "Item3"]]);

//Set selected value in dropdown
this.getField("DropDownField3").value = ddvalue;
```

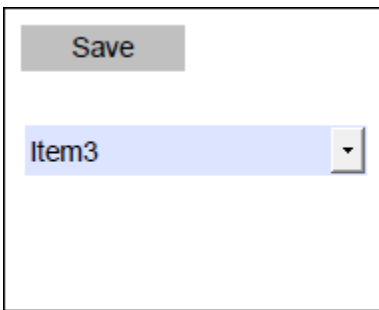
This code will clear DropDownField3 and populate it with data defined inside script (Item1, Item2, Item3). At the end it will set selected value in DropDownField1 using data saved inside TextField2.

Step 2. Deploy the template and create a form.



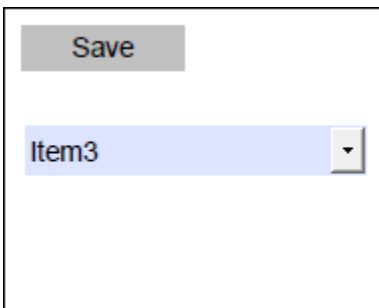
A screenshot of a form interface. At the top left is a grey button labeled "Save". Below it is a dropdown menu that is open, showing a list of three items: "Item1", "Item2", and "Item3". The "Item1" option is currently selected and highlighted in blue.

As can be seen, we have three items inside DropdownField3. As an example, we will select "Item3".



A screenshot of the same form interface. The dropdown menu is now closed, and the text "Item3" is displayed within the dropdown field, indicating it has been selected.

Step 2.1. Save the form and open it again.



A screenshot of the form interface, identical to the previous one. The dropdown menu is closed and "Item3" is selected. This represents the state of the form after it has been saved and reopened.

DropdownField1 has been cleared and populated again, but "Item3" still remains selected.