

# RE: User List Box – List from Hidden range – VBA wrong

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"Cringing Dragon"

fantastic help and almost there, and I am sorry I forgot to give you the range information.

The range has two columns and is acting as a look up, the first column ID contains a code the second the description. Range is on a hidden sheet, and its a timesheet system, you click on a button and the user form list box is mention to open and you can then scroll down and select the project you are working one.

As I have said not my code, but I have learned a lot more from your kind help. If I comment out the line below, I get a list box user form with two identical items say 203 (203), on selecting this I get 203 (in ID) and the Description in the correct box, so alls I need to now is why the line below deos not work, please.

Below is the latest code, which fails on

```
Me.ListBox1.AddItem orow.Value(1) & " (" & orow.Value(1) & ")"
```

As you say its not set. The rest works fine, but not the expect outcome as above.

list is not a key word so I get away with it.

Stan

New code

```
'fills in list box. stops at first empty row in project list
Private Sub UserForm_Initialize()
Dim orange As Range, orow As Range
Set orange = ThisWorkbook.Names("Proj_range").RefersToRange
'load each into a list and sort ascending
```

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```
Dim i As Long
ReDim list(orange.Rows.Count)
For i = 0 To orange.Rows.Count
If orange.Cells(i + 1, 1).Value = "" Then Exit For
list(i).text = Trim(orange.Cells(i + 1, 1).Value) & " (" &
Trim(orange.Cells(i + 1, 1).Value) & ")"
list(i).id = orange.Cells(i + 1, 1).Value
Me.ListBox1.AddItem orow.Value(1) & " (" & orow.Value(1) & ")"
Next
ReDim Preserve list(i - 1)
sort list
For i = 0 To UBound(list)
Me.ListBox1.AddItem list(i).text
Next
proj_id = 0
End Sub
```

"Cringing Dragon" wrote:

You haven't told us exactly what you're trying to achieve, which makes it harder for us to help. I gather that you have a named range (Proj\_range) and you want the values in that range to be added to a list box (Listbox1). What is not clear is if that range is one column or more than one column, or if you want the existing listbox added to or replaced with the new list. Also there's apparently redundant code that I'm not sure if it's supposed to be doing something or if it's leftovers from attempts to get it working.

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Firstly, answering your question of why rows.value(i+1,1) doesn't work. It's because the (i+1,1) parameter should be part of the range object, not part of the .Value property.

In your for loop, i+1 represents a row number.  
(i+1,1) represents the first cell of a row.  
orange represents a range.  
orange.Rows(i+1) will represent a particular row in the range (and if the range is only 1 column wide this will be a single cell).  
orange.Cells(i+1,1) will represent a particular cell in the range  
orange.Cells(i+1,1).Value will represent the value (contents) of a cell in the range.

So everywhere where you have:  
orange.Rows.Value(i + 1, 1)  
I think it should instead be:  
orange.Cells(i+1,1).Value

And everywhere where you have:  
orange.Rows.Value(i + 1)  
I think it should instead be:  
orange.Rows(i+1).Value

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except in this case you're trying to get the "value" of a whole row of orange, which will probably only work if orange is only one column wide. If it's more than one column wide, and you want the value in the first column, then instead use:  
`orange.Cells(i+1,1).Value`

---

Secondly, you've used list as a variable name. List is a VBA keyword, so it's a bad idea to try to use it as a variable name. So wherever you use "list" in your code change it to something else – "arrList" for example.

Tip – to test to see if a variable name is "safe" to use, in the MS Visual Basic Editor type the word on it's own in lower case on a line and hit enter. If it stays lower case, then the editor has not recognised it as a special word and it's probably safe to use. If the editor does recognise the word, it will change its case, usually so that it starts with an uppercase letter. If you try that with list, the editor will turn it into List, which gives you a clue that it's not a good variable name.

---

Thirdly, some suggestions for changing parts of your code.

In your first for...next loop you step from zero to the number of rows in the range. Starting at zero instead of 1 makes some sense because you use i in the array reference – and an array starts with element 0. However, because you start at zero not 1 you need to stop at "orange.Rows.Count – 1", otherwise you will have one more step than there are rows in your range. So change the line to:

```
For i = 0 To orange.Rows.Count – 1
```

Inside your Trim function, if you re-arrange it as I suggest above, it will only work if orange is a single column wide ... but if it is only one column wide, then you're concatenating the same value to itself (which seems odd to me). If the cell had a value of "pluto" then you would end up with  
pluto(pluto)

in your list. Is that what you want? Is the bit inside the brackets supposed to be the value in the second column? Also, the Trim would make more sense around each range, rather than around the concatenation of the 2 ranges.

Try this instead for that line of code (all on one line, not wrapped like this):

```
arrList(i).text = Trim(orange.Cells(i+1,1).Value) & " (" &  
Trim(orange.Cells(i+1,2).Value) & ")"
```

That assumes you want the second column in the brackets. If you want the first column (or if there is only one column), change the 2 to a 1. Also note I didn't use your variable name of "list", as per my comment above.

Then you try to add an item to the list box that uses the variable orow... but you haven't set orow to anything yet... and it looks like you're trying to do the same as list(i).text... and later in the macro you add list(i).text to the listbox... so I think the line:

```
Me.ListBox1.AddItem orow.Value(1) & " (" & orow.Value(1) & ")"
```

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can be deleted.

You have a line:

sort list

I don't know if an array can be sorted easily, but I'm certain that line won't do it. For the time being, get rid of that line and see if you can get it working without sorting the list. Deal with the sorting later.

You then have a little for..next loop to add the array items to the listbox one at a time. That should work, but it won't replace any existing items in the list (it will keep adding on to the existing list).

Instead, you can allocate the whole array to the list box at once:

```
Me.ListBox1.ControlFormat.List = arrList
```

(use that in place of the whole for–next loop, not just the line inside it)

"Stan" wrote:

Hi All

not my code, but I would love to fix it. The rows.value(i+1,1) --- statements are wrong.

How is it fixed please.

'fills in list box. stops at first empty row in project list

```
Private Sub UserForm_Initialize()
```

```
Dim orange As Range, orow As Range
```

```
Set orange = ThisWorkbook.Names("Proj_range").RefersToRange
```

```
'load each into a list and sort ascending
```

```
Dim i As Long
```

```
ReDim list(orange.Rows.Count)
```

```
For i = 0 To orange.Rows.Count
```

```
If orange.Rows.Value(i + 1, 1) = "" Then Exit For
```

```
list(i).text = Trim(orange.Rows.Value(i + 1) & " (" &
```

```
orange.Rows.Value(i + 1) & ")")
```

```
list(i).id = orange.Rows.Value(i + 1)
```

```
Me.ListBox1.AddItem orow.Value(1) & " (" & orow.Value(1) & ")"
```

```
Next
```

```
ReDim Preserve list(i - 1)
```

```
sort list
```

```
For i = 0 To UBound(list)
```

```
Me.ListBox1.AddItem list(i).text
```

```
Next
```

```
proj_id = 0
```

```
End Sub
```

Stan

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