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Thread: [Add Item To ListView Cross Threads](#)

270z - February 23, 2016, 6:47 pm

So I am scraping sites then collecting data and sending them to a listview. but when I do this with a thread it does not send them to the listview...

No thread: works
with thread: No works

Here is my delegate:

```
Code Private Delegate Sub ListViewAddItem_delegate(ByVal Title As String, ByVal Content As String)
```

```
Private Sub ListViewAddItem(ByVal Title As String, ByVal Content As String)
    If CampaignForm.ListView1.InvokeRequired Then
        Dim d As New ListViewAddItem_delegate(AddressOf ListViewAddItem)
        CampaignForm.ListView1.BeginInvoke(d, {Title, Content})
    Else
        Dim lvi As New ListViewItem(Title)
        lvi.SubItems.Add(Content)
        CampaignForm.ListView1.Items.AddRange(New ListViewItem() {lvi})
        CampaignForm.ListView1.Update()
    End If
End Sub
```

Inside the background worker I use this code:

```
Code ListViewAddItem(Title, CountWords(Body))
If someone sees something I am doing wrong please say :)
```

BahNahNah - February 23, 2016, 6:59 pm

Either just ude Invoke or you need a EndInvoke method.

Also, why is this a delegate and why are you using AddRange for one item?

Cairns - February 24, 2016, 3:30 am

```
Private Delegate Sub ListViewAddItem_delegate(ByVal Title As String, ByVal Content As String)
```

```
Private Sub ListViewAddItem(ByVal Title As String, ByVal Content As String)
    If InvokeRequired Then
        invoke(new ListViewAddItem_delegate(addressof listviewadditem),title,content)
    return
    end if
```

```
Dim lvi As New ListViewItem(Title)
lvi.SubItems.Add(Content)
CampaignForm.ListView1.Items.Add(lvi)
CampaignForm.ListView1.Update()
End Sub
```

270z - February 24, 2016, 4:21 am

(Feb 24, 2016 04:30 AM)Cairns Wrote: [\[CITE\]](#) Private Delegate Sub

```

ListViewAddItem_delegate(ByVal Title As String, ByVal Content As String)
    Private Sub ListViewAddItem(ByVal Title As String, ByVal Content As String)
        If InvokeRequired Then
            invoke(new ListViewAddItem_delegate(addressof listviewadditem),title,content)
        return
    end if

    Dim lvi As New ListViewItem(Title)
    lvi.SubItems.Add(Content)
    CampaignForm.ListView1.Items.Add(lvi)
    CampaignForm.ListView1.Update()
End Sub
Still does not add anything to the listview...

```

I can't think of a reason why that wouldn't work hmm

Ninja - February 24, 2016, 6:00 am

You can just do a normal invoke:

```

Code Invoke(Sub()
Dim item As New ListViewItem(Title)
item.SubItems.Add(Content)
CampaignForm.ListView1.Items.Add(item)
End Sub)

```

Cairns - February 24, 2016, 7:59 am

Then you are doing something completely wrong. You are also referring to another form.

drake08 - February 24, 2016, 8:27 am

I kind of hate vb so I always provide answers in C# since I know this language pretty good. I hope that's not an issue for you.

```

Code delegate void ListViewAddItem(String title, String content);

private void AddLViewItem(String title, String content) {
    if (lstView.InvokeRequired)
        Invoke(new ListViewAddItem(AddLViewItem), title, content);
    else
        lstView.Items.Add(new ListViewItem(new String[] { title, content }));
}And this is how you can test it:

```

```

new Thread(() => { AddLViewItem("item", "subitem"); }).Start();

```

Ninja - February 24, 2016, 4:33 pm

(Feb 24, 2016 01:40 PM)270z Wrote: [\[CITE\]](#) Yes I am

You ignored my post. And the code I posted works for me when cross-thread accessing a listview.