

Forum:[Hack Forums](#)

Thread: [\[FIXED\] prevent richtextbox from displaying the same string after the second time run](#)

Iera Namhorun - June 21, 2019, 7:29 pm

I tried to display the string into the richtextbox, but always got the same or duplicate string after the second time it was run as in example of displaying a second string.

Example of displaying the first string:

Quote:[21:55:07] - [-] Starting scanning, please wait. . .

[21:55:09] - [-] Finished.

Example of displaying a second string:

Quote:[21:55:07] - [-] Starting scanning, please wait. . .

[21:55:09] - [-] Finished.

[21:55:07] - [-] Starting scanning, please wait. . .

[21:55:09] - [-] Finished.

code :

Spoiler [\(Click to View\)](#)

```
Code private void Display(string text, bool newLine = true)
{
    DisplayTextBox.AppendText(text);
    if (newLine)
    {
        DisplayTextBox.AppendText(Environment.NewLine);
        DisplayTextBox.ScrollToCaret();
    }
}

private void startScan()
{
    Display(".....", true);
    Display("[ " + DateTime.Now.ToLongTimeString() + " ] - [ # ] Starting scanning, please wait .
. . . .", true);
    Display(".....", true);
    Display(Environment.NewLine, true);
    Thread.Sleep(100);
    this.DirButton.Enabled = false;
    this.ScanButton.Enabled = false;
    scanned = 0;
    skipped = 0;
    worker.WorkerReportsProgress = true;
    worker.DoWork += Scan;
    worker.ProgressChanged += this.ProgressChanged;
```

```

        worker.RunWorkerCompleted += this.RunWorkerCompleted;
        worker.RunWorkerAsync();
    }

    private static void Scan(object sender, DoWorkEventArgs e)
    {
        startScan(e.Argument.ToString());
    }

    private void ProgressChanged(object sender, ProgressChangedEventArgs e)
    {
        Display(e.UserState.ToString(), true);
    }

    private void RunWorkerCompleted(object sender, RunWorkerCompletedEventArgs e)
    {
        if (e.Error != null)
        {
            this.Display("[ " + DateTime.Now.ToLongTimeString() + " ] - [ ! ] Exception: " +
e.Error.ToString(), true);
        }
        if (!e.Cancelled)
        {
            string text = "[ " + DateTime.Now.ToLongTimeString() + " ] - Scanned [ " + scanned + " ]
files ";
            string text2 = "[ " + DateTime.Now.ToLongTimeString() + " ] - Skipped [ " + skipped + " ]
files ";

            Display(Environment.NewLine,true);
            Display("-----", true);
            Display("[ " + DateTime.Now.ToLongTimeString() + " ] - [ ? ] Finished.", true);
            Display("-----", true);
            Thread.Sleep(100);
            if (Form1.skipped > 0)
            {
                Display(text2,true);
            }

            else if (Form1.skipped == 0)
            {
                Display(text2,true);
            }

            this.Display(text,true);
            Display("-----", true);
            Thread.Sleep(100);
            DirButton.Enabled = true;
            ScanButton.Enabled = true;
            return;
        }
        Display("[ " + DateTime.Now.ToLongTimeString() + " ] - [ x ] Scanning cancelled", true);
        DirButton.Enabled = true;
        ScanButton.Enabled = true;
    }
}

```

```
private static int scanned = 0;
private static int skipped = 0;
private static BackgroundWorker worker = new BackgroundWorker();
```

I have tried adding

```
Code if (DisplayTextBox.Text != null)
```

```
{
    DisplayTextBox.Clear();
}
```

}but still there is no change, the second time the scan button is run it will bring up the same two strings.

How do I prevent it from displaying duplicate strings like in the example second string?

I want to display strings like in the example of the first string display.

[FIXED]

I try to use `Application.Restart()`; to restart Form into its original state as well to prevent displaying the same string again.

And log all the strings to text file using `StreamWriter`

NYANxCAT - June 22, 2019, 7:06 am

are you using check for cross-thread before calling the backgroundworker? ??
because you can't use the richtextbox without invoking it to UI thread.

if you don't want to invoke it, then add `"CheckForIllegalCrossThreadCalls = false;"` inside your `Form1_Load`.

Washi - June 22, 2019, 9:47 am

(Jun 22, 2019 07:06 AM)??` NYAN CAT ?`? Wrote: [\[CITE\]](#) are you using check for cross-thread before calling the backgroundworker? ??
because you can't use the richtextbox without invoking it to UI thread.

if you don't want to invoke it, then add `"CheckForIllegalCrossThreadCalls = false;"` inside your `Form1_Load`.

Unless very specific circumstances are applicable (great emphasis on the word "very" here), nobody should ever use the `CheckForIllegalCrossThreadCalls` property, ever.

NYANxCAT - June 22, 2019, 9:55 am

(Jun 22, 2019 09:47 AM)Washi Wrote: [\[CITE\]](#) Unless very specific circumstances are applicable (great emphasis on the word "very" here), nobody should ever use the `CheckForIllegalCrossThreadCalls` property, ever.
I agree with you.

Iera Namhorun - June 26, 2019, 4:28 am

(Jun 22, 2019 07:06 AM)??` NYAN CAT ?`? Wrote: [\[CITE\]](#) are you using check for cross-thread before calling the backgroundworker? ??
because you can't use the richtextbox without invoking it to UI thread.

if you don't want to invoke it, then add `"CheckForIllegalCrossThreadCalls = false;"` inside your `Form1_Load`.

I don't use it, thank you for the information and I will try to fix it again ?

