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Thread: [Add To ListView From Another Thread \[C#\]](#)

FarosMoloko - November 2, 2018, 8:51 am

Quick question.

Whenever I loop through a bunch of images, and add them to my listview control from a thread with:

PHP Code

```
<?php
```

```
Invoke(new Action() => { lvPics.Add()... });
```

It completely freezes the UI for 3-5 seconds. This is because invoking code means running it on the UI thread (I think).

So how would I get around this and add them without freezing the UI thread, and keeping it responsive?

Thanks ?

debug - November 2, 2018, 9:41 am

You are correct about it freezing because you are running the code on the UI thread. So to get around it, add your add code to to a new thread:

```
Code Thread populateList = new Thread(() -> {  
    Invoke(new Action() => { lvPics.Add()... });  
});  
populateList.IsBackground = true;  
populateList.SetApartmentState(ApartmentState.STA);  
populateList.Start();  
Alternatively, you could use a background worker to do the work.
```

sdk - November 2, 2018, 9:58 am

Try this

PHP Code

```
<?php
```

```
this.Invoke(new Action(() => lvPics.Add(image)));
```

FarosMoloko - November 2, 2018, 1:31 pm

(Nov 2, 2018 09:41 AM)debug Wrote: [\[CITE\]](#) You are correct about it freezing because you are running the code on the UI thread. So to get around it, add your add code to to a new thread:

```
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```

Alternatively, you could use a background worker to do the work.

Fantastic. Is there a way to do this with a Task, as its where im currently calling the invoke.

Thanks!

He B TeMy - November 2, 2018, 2:28 pm

Using a task the only guaranteed way afaik is this <https://stackoverflow.com/a/15957165>

Because a task will use the threadpool threads, it won't create new threads.