

completed result. As your list is downloaded asynchronously (because of Task.Run()) you need to "extract" the value from the task using the await keyword.

If you remove Task.Run(), you list will be downloaded synchronously and you don't need to use Task, async OF await

One more suggestion: you don't need to await in GetListAsync method if the only thing you do is just delegating the operation to a different thread, so you can shorten your code to the following:

```
private Task<List<Item>> GetListAsync(){
    return Task.Run(() => manager.GetList());
```

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edited Sep 8 '14 at 9:56

answered Sep 8 '14 at 9:24



They will also need to ensure that the method calling this code is made an async method (if they haven't already). - Daniel Kelley Sep 8 '14 at 9:26

What I don't get is why do I have to await two times? - testing Sep 8 '14 at 9:27

@testing, you have to await twice because you have 2 async calls - Ben Robinson Sep 8 '14 at 9:28

@BenRobinson: Do I have two async calls or only one (and the second is for "extracting")? - testing Sep 8 '14 at 9:33

@testing You have 2, you are awaiting the task in you GetListAsync method, then you are awaiting the method itself in your calling code - Ben Robinson Sep 8 '14 at 9:35

In addition to @takemyoxygen's answer the convention of having a function name that ends in Async is that this function is truly asynchronous. I.e. it does not start a new thread and it doesn't simply call Task.Run. If that is all the code that is in your function, it will be better to remove it completely and simply have:

List<Item> list = await Task.Run(() => manager.GetList());

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answered Sep 8 '14 at 11:30 Ned Stoyanov



26 ● 53 **11.4k**

I also have a try/catch block to catch the exceptions and I'm showing a spinner. So my method name is correct than? - testing Sep 8 '14 at 11:45

yes i think it should be OK, starting a new thread is not ideal but i think the guideline is more about calling a synchronous version of the function inside Task.Run - Ned Stoyanov Sep 9 '14 at 9:35

Works for me:

List<Item> list = Task.Run(() => manager.GetList()).Result;



in this way it is not necessary to mark the method with async in the call.

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answered Jun 25 at 23:59 sergiokml

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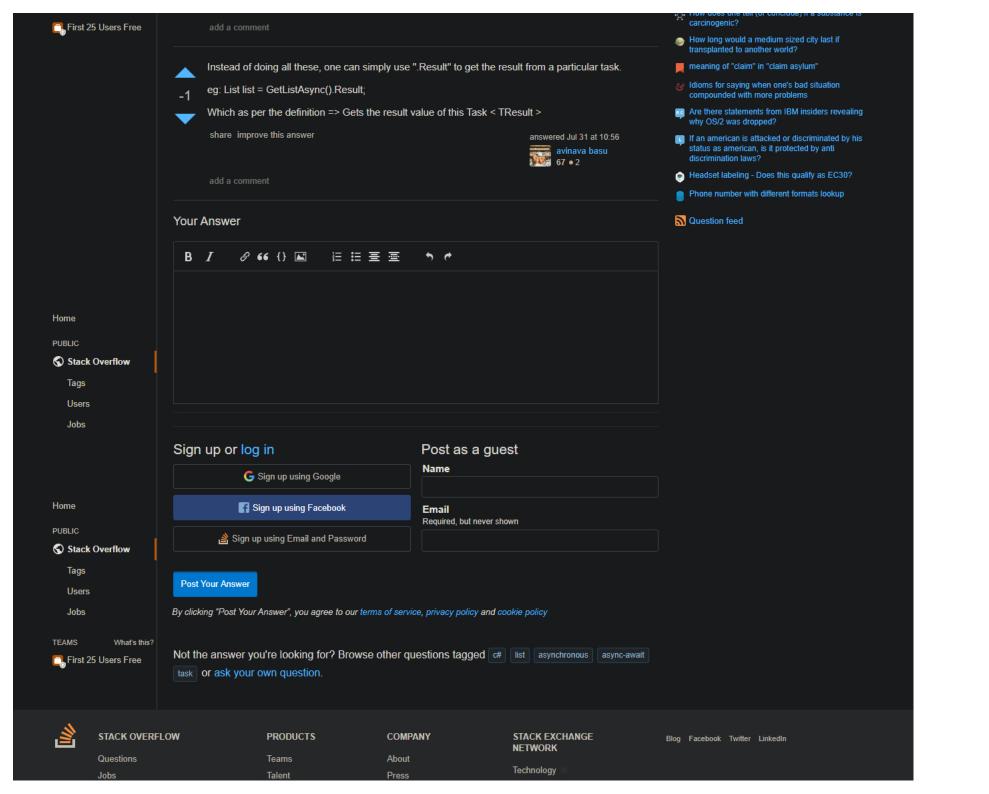
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