

Chapter 48: Using BackgroundWorker

Section 48.1: Basic implementation of Background worker class

You need to import System.ComponentModel for using background worker

```
Imports System.ComponentModel
```

Then Declare a private variable

```
Private bgWorker As New BackgroundWorker
```

You need to create two methods for background worker's DoWork and RunWorkerCompleted events and assign them.

```
Private Sub MyWorker_DoWork(ByVal sender As System.Object, ByVal e As  
System.ComponentModel.DoWorkEventArgs)  
    'Add your codes here for the worker to execute  
End Sub
```

The below sub will be executed when the worker finishes the job

```
Private Sub MyWorker_RunWorkerCompleted(ByVal sender As Object, ByVal e As  
System.ComponentModel.RunWorkerCompletedEventArgs)  
    'Add your codes for the worker to execute after finishing the work.  
End Sub
```

Then within your code add the below lines to start the background worker

```
bgWorker = New BackgroundWorker  
AddHandler bgWorker.DoWork, AddressOf MyWorker_DoWork  
AddHandler bgWorker.RunWorkerCompleted, AddressOf MyWorker_RunWorkerCompleted  
bgWorker.RunWorkerAsync()
```

When you call RunWorkerAsync() function, MyWorker_DoWork will be executed.
