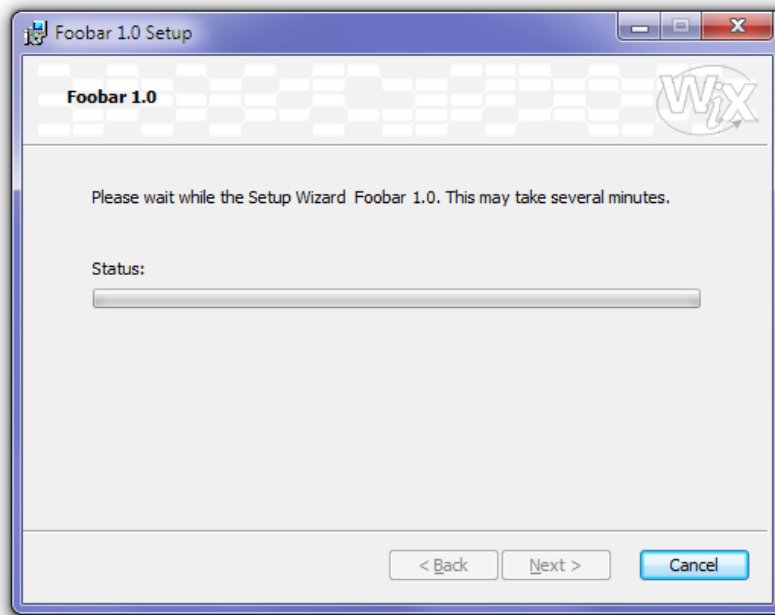


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# Is This Progress?

Something still missing from our growing user interface is a page showing how the installation process progresses.



We define this dialog to be *modeless* because we need the control to return to the installer. This will in turn send the dialog progress messages to be processed.

```
<Dialog Id="ProgressDlg" Width="370" Height="270" Title="[ProductName] Setup" Modeless="yes">
```

The `Back` and `Next` buttons will be disabled by default---there's no reason to keep them active, the user can't use them, anyway. If necessary, `Cancel` can be used to abort the installation:

## About FireGiant

Now you can install with confidence. FireGiant arms you with accurate support from the creators of WiX.

Because there are no questions we can't answer or problems we can't solve, you can unleash the full functionality of WiX without a doubt.

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```
<Control Id="Cancel" Type="PushButton" X="304" Y="243" Width="56" Height="17"
  Default="yes" Cancel="yes" Text="[ButtonText_Cancel]">
  <Publish Event="SpawnDialog" Value="CancelDlg">1</Publish>
</Control>
<Control Id="BannerBitmap" Type="Bitmap" X="0" Y="0" Width="370" Height="44"
  TabSkip="no" Text="[BannerBitmap]" />
<Control Id="Back" Type="PushButton" X="180" Y="243" Width="56" Height="17"
  Disabled="yes" Text="[ButtonText_Back]" />
<Control Id="Next" Type="PushButton" X="236" Y="243" Width="56" Height="17"
  Disabled="yes" Text="[ButtonText_Next]" />
```

The text control just above the progress bar subscribes to the `ActionText` event, thus the installer keeps publishing the name of the current installation action to it:

```
<Control Id="ActionText" Type="Text" X="70" Y="100" Width="265" Height="10">
  <Subscribe Event="ActionText" Attribute="Text" />
</Control>
```

If you are not satisfied with a description of the major steps but would like to see the details of the individual files as they are deployed, you can also use the `ActionData` event instead:

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```
<Control Id="ActionData" Type="Text" X="70" Y="100" Width="265" Height="30">  
  <Subscribe Event="ActionData" Attribute="Text" />  
</Control>
```

In addition to some uninteresting controls, we finally have the workhorse of this dialog, a control of `ProgressBar` type. Just like with `SelectionTree`, the control provided by the installer is not just a generic progress bar but one linked directly to the installation process. By subscribing to the `SetProgress` event with an attribute `Progress` the installer will keep sending progress messages for display. `ProgressBlocks=yes` calls for the newer type progress bar with blocks. Setting it to *no* will revert to the old-style continuous bar from the Windows 95 era:

```
<Control Id="ProgressBar" Type="ProgressBar" X="35" Y="115" Width="300" Height="10"  
  ProgressBlocks="yes" Text="Progress done">  
  <Subscribe Event="SetProgress" Attribute="Progress" />  
</Control>  
  
<Control Id="StatusLabel" Type="Text" X="35" Y="100" Width="35" Height="10"  
  Text="Status:" />
```

To integrate our progress page with the rest of the installation package, we only have to modify our `InstallDlg` dialog to call this dialog. The rest will be

## </tutorial/user-interface-revisited/is-this-progress/>

[!\[\]\(ec9132f1d27c8919987d92907322654d\_img.jpg\) Well Done \(/docs/wix/v3/tutorial/user-interface-revisited/well-done/\)](/docs/wix/v3/tutorial/user-interface-revisited/well-done/)

[!\[\]\(05be7c7a8995decd503647c99211f7c2\_img.jpg\) Legalese \(/docs/wix/v3/tutorial/user-interface-revisited/legalese/\)](/docs/wix/v3/tutorial/user-interface-revisited/legalese/)

[!\[\]\(aa53ad6fea213b8b2226d3077e30533a\_img.jpg\) Out of Order \(/docs/wix/v3/tutorial/user-interface-revisited/out-of-order/\)](/docs/wix/v3/tutorial/user-interface-revisited/out-of-order/)

[!\[\]\(dd161862f9164df98f62b726e9846241\_img.jpg\) Dontcha Speak English? \(/docs/wix/v3/tutorial/user-interface-revisited/dontcha-speak-english/\)](/docs/wix/v3/tutorial/user-interface-revisited/dontcha-speak-english/)

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► [Localization \(/docs/wix/v3/tutorial/localization/\)](/docs/wix/v3/tutorial/localization/)

done automatically:

```
<Dialog Id="InstallDlg" Width="370" Height="270"
Title="[ProductName] Setup" NoMinimize="yes">
  <Control Id="Install" Type="PushButton" X="23
6" Y="243" Width="56" Height="17"
  Default="yes" Text="[ButtonText_Install]">
    <Publish Event="NewDialog" Value="ProgressDl
g" />
  </Control>
```

[< Customizations Galore \(/docs/wix/v3/tutorial/user-interface-revisited/customizations-galore/\)](#)  
[up \(/docs/wix/v3/tutorial/user-interface-revisited/\)](#)  
[Well Done > \(/docs/wix/v3/tutorial/user-interface-revisited/well-done/\)](#)

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