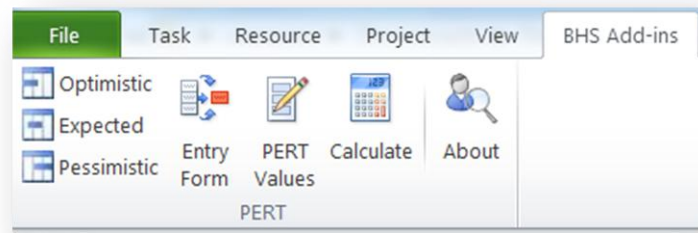


2011

Project 2010 PERT Add-in



Microsoft®
Project 2010



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1. ABOUT

You can perform a basic PERT analysis to estimate a task's duration. After you specify the optimistic, pessimistic, and expected durations of the tasks in your schedule, the PERT Add-in calculates a weighted average of the three durations. You can also use these durations separately to determine a shortest, longest, and most likely project end date.

After you assign duration amounts to all three types, you can look at your schedule based solely on the optimistic, pessimistic, or expected duration. You can also have Project 2010 calculate a single duration based on the weights for each of the types and the duration values that you entered.

You can perform a PERT analysis in two ways:

- Use the default weights for duration estimates if you think that the expected duration estimate is more likely than either the optimistic or pessimistic estimate, and you think the latter two estimates are equally likely.
- Change the way that Project weights duration estimates if you think that your optimistic, expected, and pessimistic durations have probabilities of occurring that are different from the default probabilities of 1 out of 6, 4 out of 6, and 1 out of 6, respectively.

For example, one of the tasks in your project has an optimistic duration of 3 months, an expected duration of 4 months, and a pessimistic duration of 6 months. Using the default weights, the optimistic duration is counted once, the expected duration is counted four times, and the pessimistic duration is counted once, as shown in the following table:

Optimistic		Expected				Pessimistic		
3 months	+	4 months	+	4 months	+	4 months	+	6 months

The sum of this calculation, 25, is divided by 6 and rounded to two decimal places to reach the weighted average of 4.17 months. This average is inserted in the Duration column for your task.

2. DOWNLOADING AND INSTALLING

Link: <http://archive.msdn.microsoft.com/projectpert>

1. Navigate to the Link above
2. Click on **Downloads** tab:

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Project PERT Add-in

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Home

– English –
After several requests and questions where was the PERT analysis in Project 2010, I decided to create an Add-in to fill this lack.
The Add-in is multilingual, works both in Portuguese and English.
To install, just unzip the file and click "Setup.exe" file.

– Português –
Após vários pedidos e questionamentos aonde foi a análise PERT no Project 2010, resolvi criar um Add-in para suprir esta falta.
O Add-in é multilíngua, funciona tanto em português quanto no Inglês.
Para instalar, basta descompactar o arquivo e clicar no arquivo "setup.exe".

Blog: <http://mundoepm.com.br>

Last edited Jan 14 at 7:48 PM by [andreirevax](#), version 5

Comments
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Current Release
PERT Add-in 1.2
Fri May 20 2011 at 4:00 AM
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3. Click on the **PERTAddin.zip** link on the screen.

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0 Votes in Release (breakdown)

PERT Add-in 1.2

Files

PERTAddin.zip
runtime binary, 254K, uploaded May 20 - 276 downloads

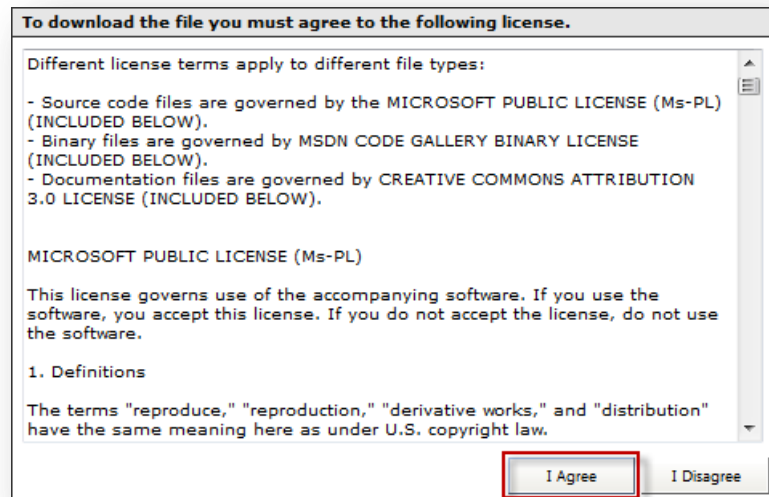
Work Items = Proposed = Active = Fixed = Closed
There are no work items associated with this release.

Releases **Current** | Planned
PERT Add-in 1.0
PERT Add-in 1.1
★ **PERT Add-in 1.2**

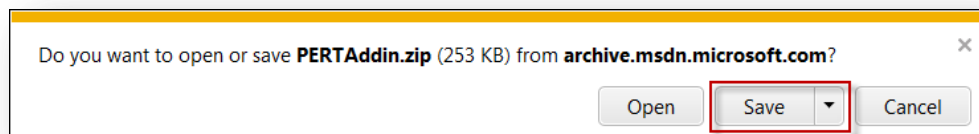
Release Details

Status Released
Release Date mai 20 2011
Updated On mai 19 2011
Updated By [andreirevax](#)
Wiki Link [release:5620]

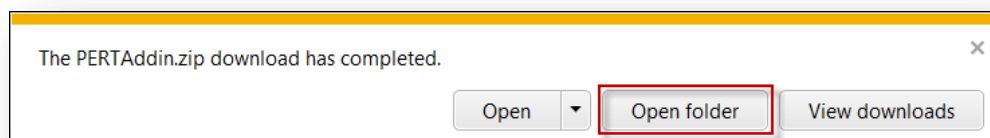
4. Click on the button “I Agree”



5. After that, the Browser will open a window asking if you want to Open, Save or Cancel. Select **Save**.



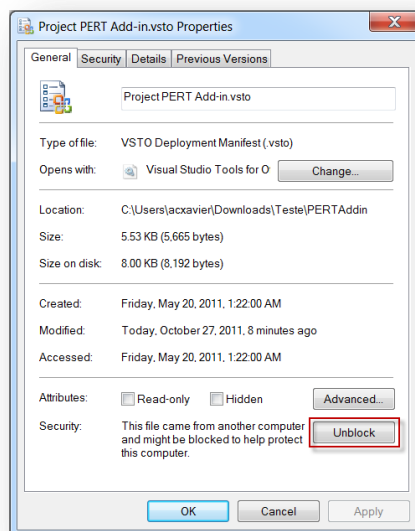
6. After the download has completed, open the folder with the file.



7. Unzip the file, you should see two files and a directory.

Application Files	27/10/2011 3:34 PM	File folder	
Project PERT Add-in.vsto	27/10/2011 3:34 PM	VSTO Deployment...	6 KB
setup.exe	27/10/2011 3:34 PM	Application	688 KB

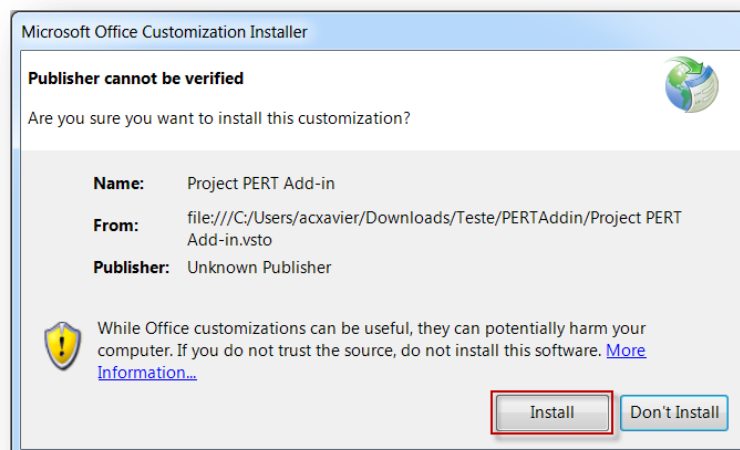
8. For the two files (“**Project PERT Add-in.vsto**” and “**setup.exe**”), click with the right button of the mouse and then click the button “**Unblock**”.



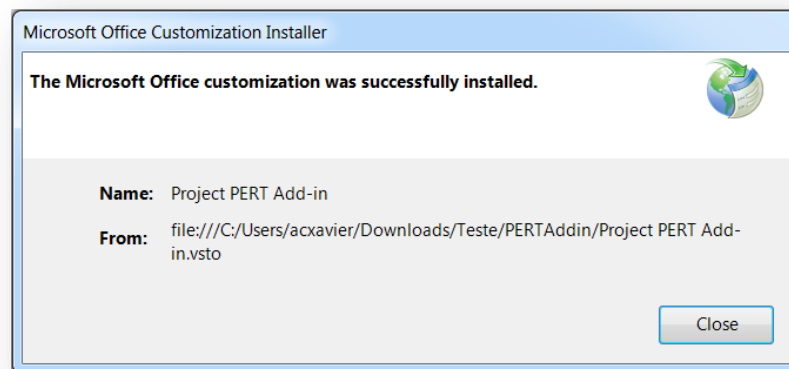
9. After unblocking the files, double click on the **setup.exe** to Install the PERT Add-in.

Application Files	27/10/2011 3:34 PM	File folder	
Project PERT Add-in.vsto	27/10/2011 3:34 PM	VSTO Deployment...	6 KB
setup.exe	27/10/2011 3:34 PM	Application	688 KB

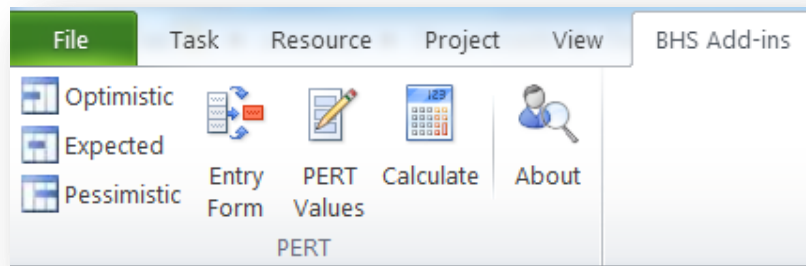
10. A Alert window will open, click on the “**Install**” button.



11. After that a new window will show that the Add-in was installed successfully. Just click “**Close**” and open Microsoft Project 2010.



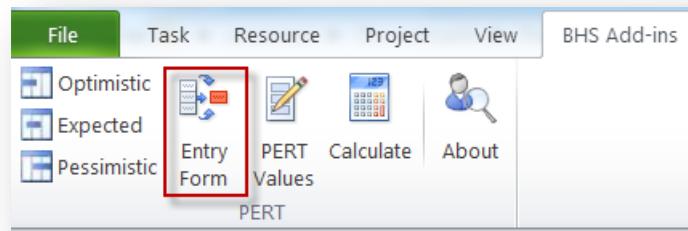
12. After installing, a new tab “BHS Add-ins” will appear.



3. HOW TO USE

3.1. ENTRY VALUES

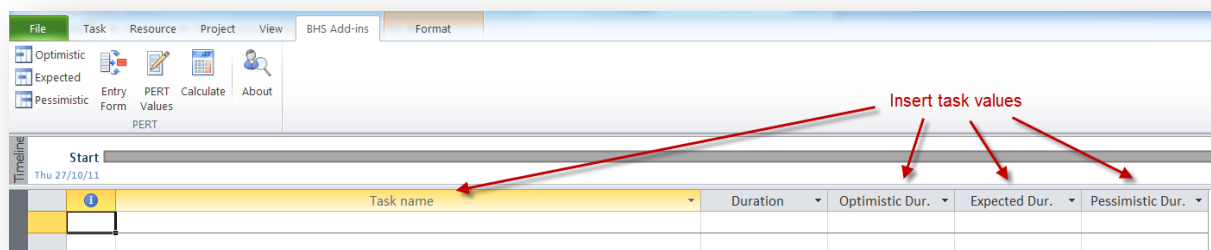
1. To enter the Optimistic, Expected and Pessimistic values click the “Entry Form” icon on the Add-in tab.



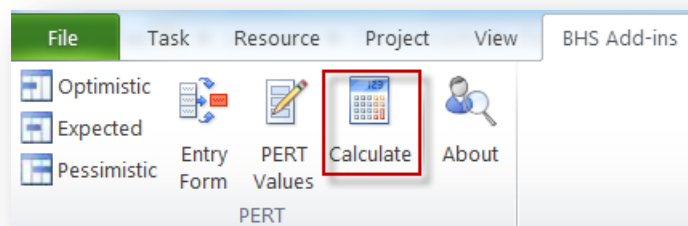
2. The view will change. The fields that will appear are:

- Task Name
- Duration
- Optimistic Duration
- Expected Duration
- Pessimistic Duration

You have to enter the Task Name, Optimistic Duration, Expected Duration and Pessimistic Duration.



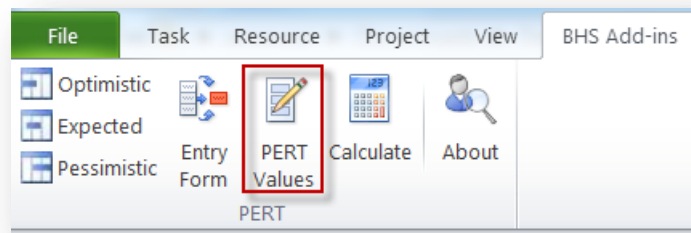
3. After that, click on the “Calculate” icon.



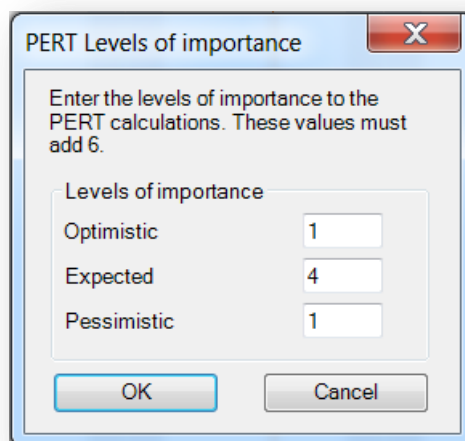
4. The Duration will be calculated using the PERT Values.

3.2. CHANGE THE PERT VALUES

1. To change the PERT values, click on “**PERT Values**” icon.



2. Remember that the sum of Optimistic, Expected and Pessimistic must be 6.

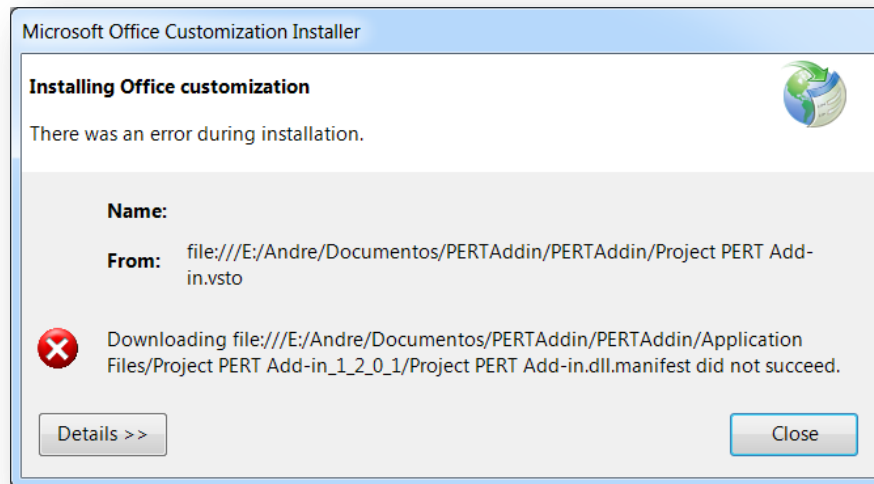
A dialog box titled 'PERT Levels of importance' with a close button (X) in the top right corner. The text inside reads: 'Enter the levels of importance to the PERT calculations. These values must add 6.' Below this, there is a section titled 'Levels of importance' containing three input fields: 'Optimistic' with the value '1', 'Expected' with the value '4', and 'Pessimistic' with the value '1'. At the bottom, there are 'OK' and 'Cancel' buttons.

Levels of importance	
Optimistic	1
Expected	4
Pessimistic	1

4. FAQ

4.1. INSTALLING – ERROR 01

If you have this error:



This occurs when you unzip the files, without creating folders. You will see them as below:

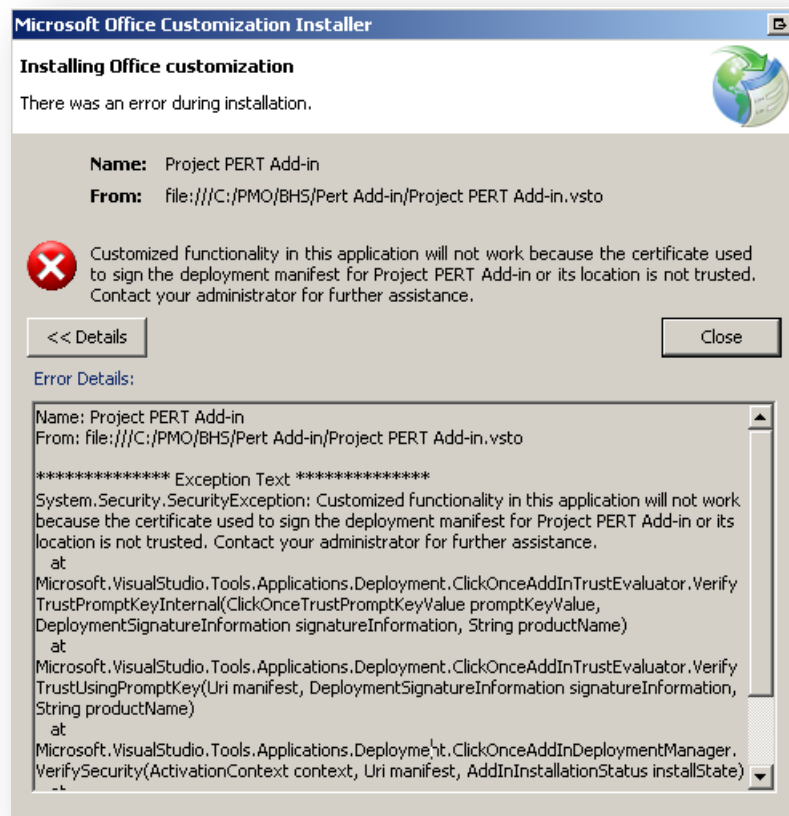
Microsoft.Office.Tools.Common.v4.0.Utilities.dll.deploy	19/03/2010 1:11 A...	DEPLOY File	32 KB
Project PERT Add-in.dll.config.deploy	11/01/2011 4:11 PM	DEPLOY File	1 KB
Project PERT Add-in.dll.deploy	20/05/2011 1:21 A...	DEPLOY File	65 KB
Project PERT Add-in.dll.manifest	20/05/2011 1:22 A...	MANIFEST File	11 KB
Project PERT Add-in.vsto	20/05/2011 1:22 A...	VSTO Deployment...	6 KB
setup.exe	20/05/2011 1:22 A...	Application	688 KB

This will cause a error.Be sure to unzip with directories like this:

Application Files	27/10/2011 3:34 PM	File folder	
Project PERT Add-in.vsto	27/10/2011 3:34 PM	VSTO Deployment...	6 KB
setup.exe	27/10/2011 3:34 PM	Application	688 KB

4.2. INSTALLING – ERROR 02

If you have this error:



Unlock all files, including files in subdirectories:

1. click with the right button of the mouse on the file and then click the button “Unblock”.

