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Creating an InTouch Application Template from a Modern InTouch Application

SUMMARY

InTouch Modern Application Guide: Chapter 2 page 11 (Working with InTouch Application Templates) **ITModernAppGuide.pdf** covers this topic.

It is possible to create a Modern application using an application template. Application templates can be used to quickly create a new application based on the standards specified in the template.

ACTION

InTouch Modern Application Guide: Chapter 2 page 14 (Working with Application Templates) **ITModernAppGuide.pdf** covers this topic.

To Create a Template:

Complete the following tasks to create and to use the template:

- **Task 1-**) Create a Modern application and set appropriate windows in the application to template windows.
- **Task 2-**) Create an application thumbnail for preview in the Application Template Browser.
- **Task 3-**) Export the .aaPKG file to make it available as a template in the Browser.
- **Task 4-**) Test the New Template.

Task 1:

1. Create a Modern application.
2. Develop your application using graphics, scripts and windows.
3. Do the following for all windows in the application:
4. Right-click each window and select **Properties**.
5. In the **Window Properties** dialog box, select the **Template** checkbox.

When you click **OK**, each window is automatically placed in the Template Windows folder in the **Windows & Scripts** pane (Figure 1 below):

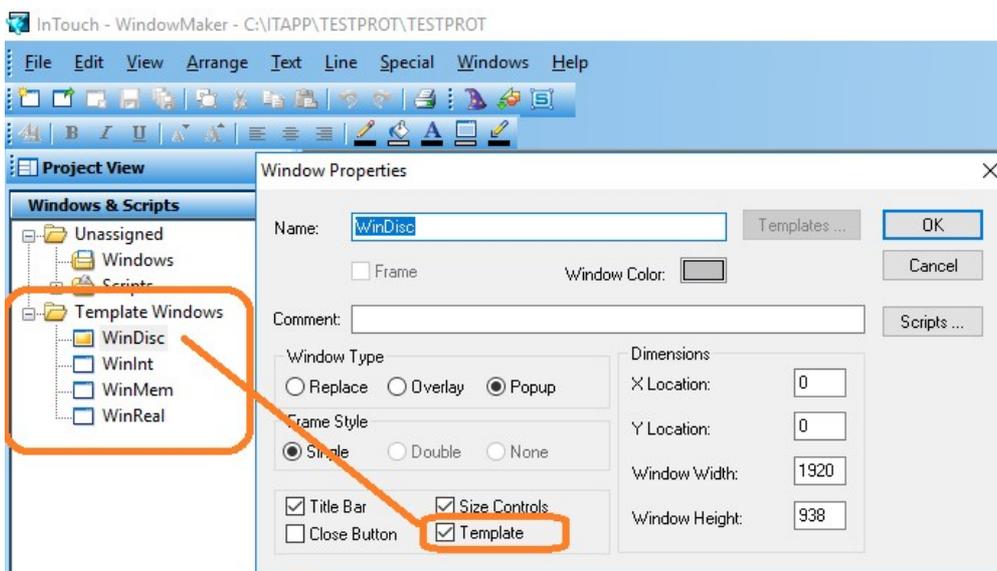


Figure 1: Change the InTouch window to a Template

Task 2:

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Snap or create an image that properly represents your Template, so it can be used as its thumbnail once you make it a template.

1. Create a picture image that best represents your application template.
2. Copy the image file to the folder of the InTouch Modern application you want to make an Application Template from. This is so the image files travels with the application template once application is exported into an aapkg.

For example: The image for the template (**testprot.png**) appears in the template (Figure 2 below):



Figure 2: Set the template thumbnail image

3. Edit the InTouch.ini file in the modern application folder used for this template by adding the following line to InTouch.ini file for this case (Figure 3 below):

```
[InTouch]
ApplicationThumbnail = testprot.png (The name of the image file you will use as a thumbnail)
```

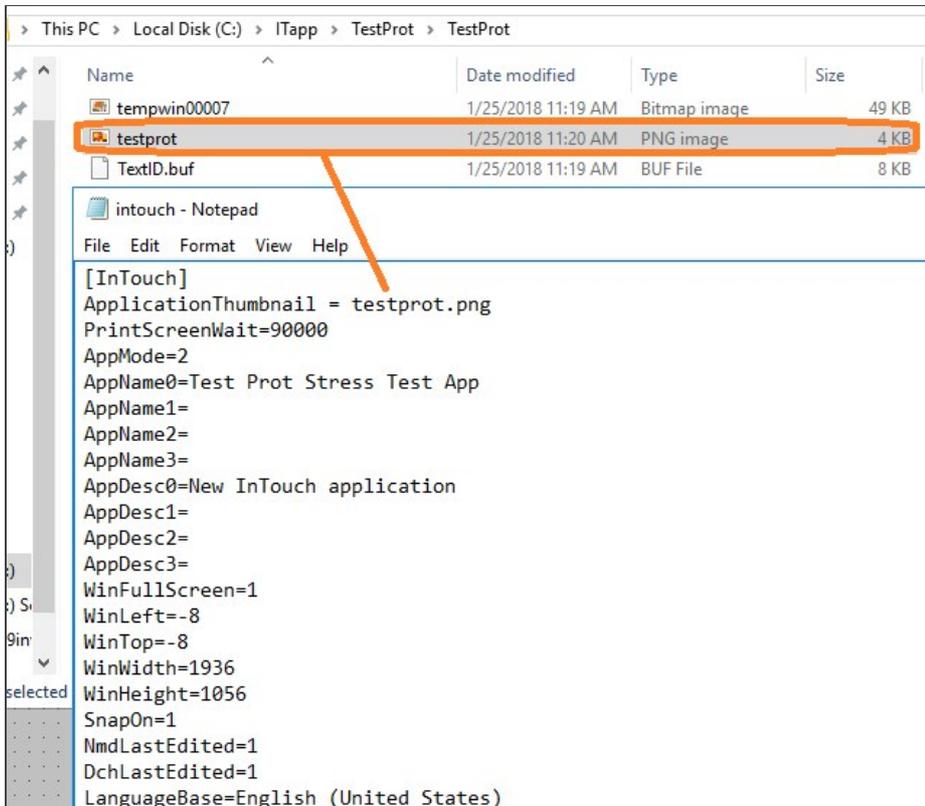


Figure 3: Set the InTouch.ini with Template thumbnail image Information

NOTE: This is how the image file is associated to the application template. The template browser / explorer looks at this InTouch.ini setting to know what image to use as a thumbnail)

Task 3:

1. Launch the InTouch Application Manager and export the selected InTouch Modern application into an aaPKG file **As shown in Figure 4 below:**

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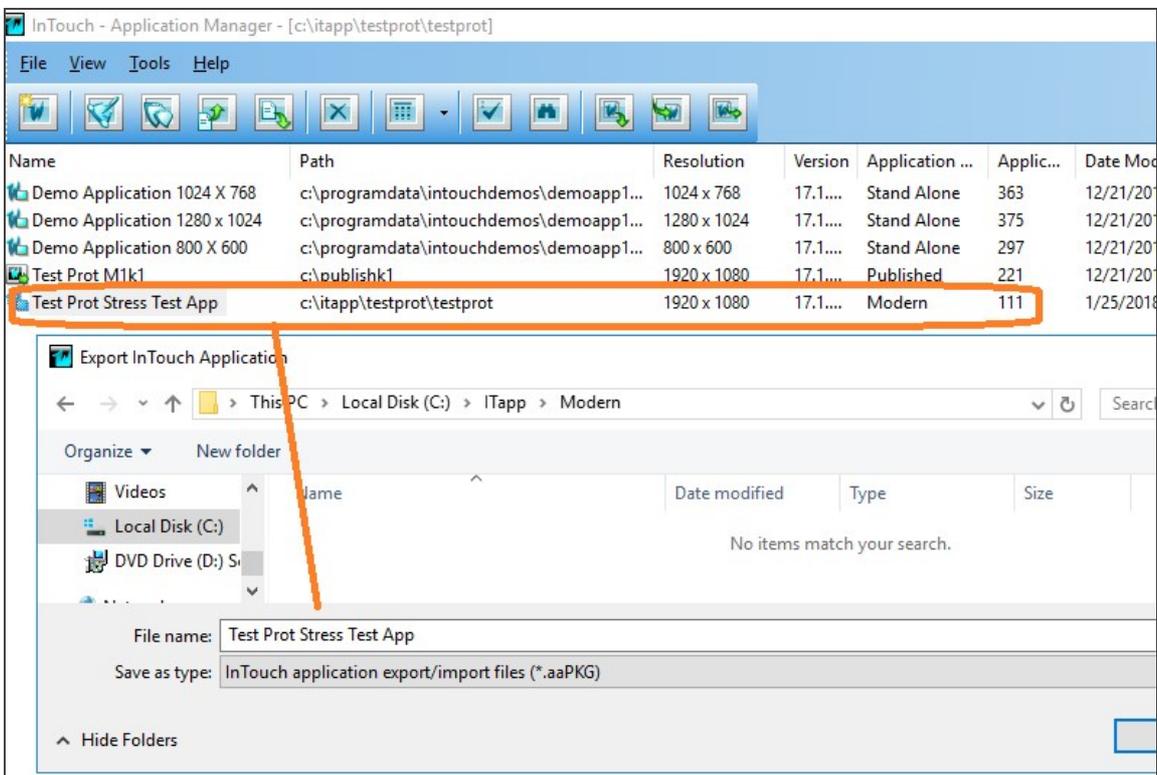


Figure 4: Export the .aaPKG file to make it available as a template in the Browser

- Copy your Modern application aaPKG file into the Application Templates path (Figure 5 below):

C:\Program Files (x86)\Wonderware\InTouch\Application Templates

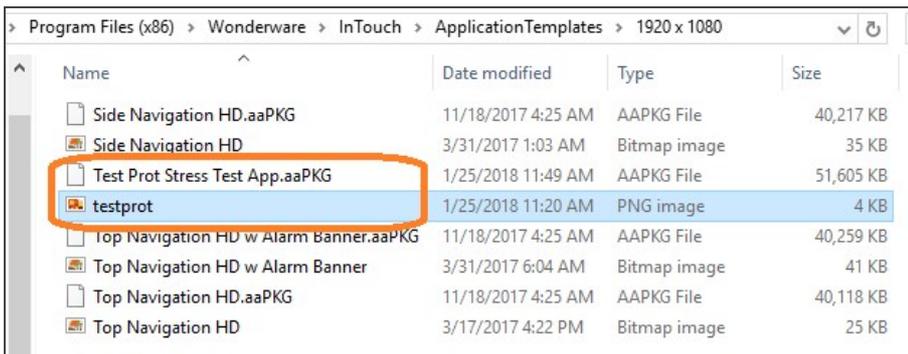


Figure 5: Location used to Copy the Template pckage file

NOTE: It is not necessary to copy the image file to this folder: It will be extracted from the Package file.

Task 4:

Test the new templateUsing InTouch Application Manager:

- Create a new Modern InTouch application.
- Select the check box to use an Application Template.
- Select the new template (Figure 6 below):

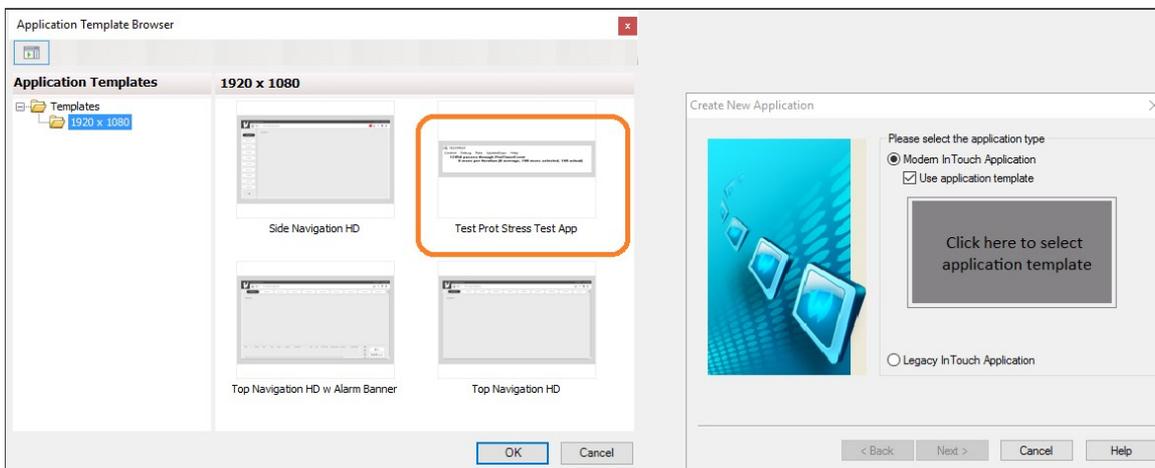


Figure 6: New Template shows up in the InTouch Application Manager, When creating a new Modern InTouch application

Notes and Recommendations:

Thumbnail images.

- Avoid using special characters for the name of the thumbnail image.
- Remember that the image will be resized to be displayed as a small thumbnail. Hence, keep images simple. Images that are not very busy with graphics look much better when displayed as a thumbnail.

Organizing templates.

- If you want to organize templates in a particular way, you can create a sub folder under the **Application Templates** path and copy the application template aapkg to the subfolder.

For example, let's say you want to organize templates by industry. You could do something like this:

```
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\Water\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\Power\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\Oil\
```

Or by customer

```
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\CustomerA\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\CustomerB\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\CustomerC\
```

Or by organization

```
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\SystemIntegrator1\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\SystemIntegrator2\
```

Or in a folder by developer.

```
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\SamiAm\
C:\Program Files (x86)\Wonderware\InTouch\Application Templates\JohnnyPlusPlus\
```

SUPPORTING INFORMATION

Application Versions

- System Platform 2017 and later

AUTHOR NOTES

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