

Panther Migration Utility

This document describes how to run the Panther 5.52 Panther Migration Utility. The instructions below are for the Windows platform but the same steps apply for Linux. The only difference is the Windows vs Linux file structure.

A. What to know before you begin

What does the Migration Utility do?

This utility takes your Panther screens as input and generates HTML templates, JavaScript files and other components needed to build the UI for a Panther Web application. There will still be the need to manually organize the HTML UI, but this utility automates part of the steps involved, especially for your complicating grid screens.

Supported Panther versions

The Panther Migration Utility works in conjunction with other Panther utilities, such as *formlib* and *f2asc*. Use with versions of Panther utilities and screens prior to Panther 5.51 has not been tested, but is likely to work. Prolifics recommends that the Panther client application should be upgraded to the same version of the Panther Client as will be used for the Panther Web application, prior to working with the Panther Web Migration utility.

Supported Widgets

Listed below are the supported widgets for this migration utility. Only these widget types will be migrated to HTML. For other widget types you will have to manually perform the migration or you are welcome to update the source code distributed in the /src folder.

- Single Line Text
- Dynamic Label
- Static Label
- Grid Frame
- Push Button
- List Box
- Multiline Text
- Hidden fields

B. Set up the environment

Working directory

1. Please have JRE 1.8 or later installed on your system. Make sure the java bin folder is in your PATH,
.i.e PATH=%PATH%; C:\Program Files\Java\jdk1.8.0_65\bin
2. Next, let's create a working directory. For example,
C:\TestMigration
This is the location, where the migration utility will save its output files to.
3. Using your Panther Editor add the screens that need to be converted into a Panther library, screens.lib for example. Save the Panther library to your working directory.
C:\TestMigration\screens.lib

C. Update config.properties file

Config.properties

1. Using any text editor, open config.properties located in %SMBASE\samples\migration and update it, making sure directories are correctly set.
<PantherInstallDir>\samples\migration\config.properties

NOTE: Replace <ProlificsInstallDir> with the location of your Panther Installation directory

D. Run the Utility

Screens that DO NOT contain Grid Frame Widgets

1. Open the Command Prompt Window and change the directory to the location of your migration utility, provided <PantherInstallDir>\samples\migration.
2. Run the utility using the command and follow the prompts.
java -jar migration.jar
3. Look in the C:\TestMigration\web\<screenname> for the output files.

Screens that contain 1 Grid Frame Widget

1. Select columns of the Grid Frame widget, applying the properties shown below to each column
 - export to html = yes
 - hidden = yes
2. Run the utility using the command and follow the prompts.
java -jar migration.jar.
3. Look in C:\TestMigration\web\<screenname> for the output files

Screens that contain MORE THAN one Grid Frame Widget

1. Remove all but one Grid Frame widget from your screen. You will repeat this procedure later, leaving a different grid widget on the screen each time.
2. Select columns of the Grid Frame widget, applying the properties shown below to each column
 - export to html = yes
 - hidden = yes
3. Run the utility using the command and follow the prompts.
java -jar migration.jar. Follow the prompts.
4. Look in C:\TestMigration\web\<screenname> for the output files.
5. Next move on to the second Grid Frame widget. Delete the first Grid Frame widget from the Panther screen and restore only the second Grid Frame widget.
6. Now run the utility and copy the html, JS for your second grid widget, merging it with the previous html and JS accordingly.

Note: When you re-run the utility for a same screen, the files from the previous “run” will be deleted automatically.

E. Understanding the Output Files

1. Upon completion of running the utility, 5 output files will be created
C:\TestMigration\web\<screenname>.*
 - ✓ <screenname>.html – Html doc containing the required Panther HTML template tags
 - ✓ <screenname>.jam – Panther screen extracted from the library
 - ✓ <screenname>.js – JavaScript functions
 - ✓ <screenname>.txt – ASCII version the Panther binary screen
 - ✓ <screenname>Emit.txt – Lists all widgets with the proper emit syntax. In order to display Panther widgets and data, copy and paste emits tags to <screenname.html>.
2. Once your html and js files have been generated, copy them into a location pointed by SMPATH located in your Panther Web ini file.
3. Next attach the html document to the Panther screen via the screen property;
WEB OPTIONS: HTML OPTIONS->HTML Template

F. Running the HTML, JavaScript files in your Panther Web

1. For help to configure your Panther Web Application, please [click here](#)