Windows App Certification Kit - Test Results

App name:

PRUforceMigrationAllSIT

App publisher:

Garry Alfanzo

App version:

2.0.0.2

App Architecture:

neutral

Kit Version:

10.0.14393.795

OS Version:

Microsoft Windows 10 Pro (10.0.14393.0)

OS Architecture:

x64

Report time:

20/6/2017 6:14:16 PM

Overall result: FAILED

Deployment and launch tests

FAILED   Bytecode generation

- **Error Found:** The bytecode generation test detected the following errors:
  - File \\?\C:\Program Files\WindowsApps\com.pruforce.migrationall_2.0.0.2_neutral__bzbj8h50hftv4\www\plugins\cordova-plugin-mfp\worklight\static_app_props.js has JavaScript syntax or other problems.
  - File \\?\C:\Program Files\WindowsApps\com.pruforce.migrationall_2.0.0.2_neutral__bzbj8h50hftv4\www\plugins\cordova-plugin-mfp\worklight\checksum.js has JavaScript syntax or other problems.
- **Impact if not fixed:** As a performance optimization to accelerate JavaScript execution time, JavaScript files ending in the ".js" extension generate bytecode when the app is deployed. This optimization significantly improves start-up and ongoing execution times for JavaScript.
- **How to fix:** You may need consider one or more of these steps to fix the issue:

  - Avoid deploying the app by pressing F5 in Visual Studio, create an appx package instead

  - Ensure that event logging is enabled

  - All JavaScript files are syntactically valid; otherwise exclude the respective files from the package

  - Please note that you should uninstall all previous versions of the app before deploying

  Otherwise exclude the respective files from the package.

PASSED   App launch

PASSED   Optimized binding references

PASSED   Crashes and hangs

Package compliance test

PASSED   Application count

PASSED   App manifest

PASSED   Package size

Windows security features test

PASSED   Binary analyzer

PASSED   Banned file analyzer

PASSED   Private code signing

Supported API test

FAILED   Supported APIs

- **Error Found:** The supported APIs test detected the following errors:
  - API sqlite3_bind_blob in sqlite3.dll is not supported for this application type. JSONStoreWin8Lib.dll calls this API.
  - API sqlite3_bind_double in sqlite3.dll is not supported for this application type. JSONStoreWin8Lib.dll calls this API.
  - API sqlite3_bind_int in sqlite3.dll is not supported for this application type. JSONStoreWin8Lib.dll calls this API.
  - API sqlite3_bind_int64 in sqlite3.dll is not supported for this application type. JSONStoreWin8Lib.dll calls this API.
  - API sqlite3_bind_null in sqlite3.dll is not supported for this application type. JSONStoreWin8Lib.dll calls this API.

- **Impact if not fixed:** Using an API that is not part of the Windows SDK for Windows Store apps violates the Windows Store certification requirements.
- **How to fix:** Review the error messages to identify the API that is not part of the Windows SDK for Windows Store apps. Please note, apps that are built in a debug configuration or without .NET Native enabled (where applicable) can fail this test as these environments may pull in unsupported APIs. Retest your app in a release configuration, and with .NET Native enabled if applicable. See the link below for more information:

  Alternatives to Windows APIs in Windows Store apps.

App manifest resources tests

PASSED   App resources

FAILED   Branding

- **Error Found:** The branding validation test encountered the following errors:
  - Image file StoreLogo.scale-100.png is a default image.
  - Image file Square30x30Logo.scale-100.png is a default image.
  - Image file Square70x70Logo.scale-100.png is a default image.
  - Image file Square150x150Logo.scale-100.png is a default image.
  - Image file Wide310x150Logo.scale-100.png is a default image.
  - Image file Square310x310Logo.scale-100.png is a default image.

- **Impact if not fixed:** Windows Store apps are expected to be complete and fully functional. Apps using the default images e.g. from templates or SDK samples present a poor user experience and cannot be easily identified in the store catalog.
- **How to fix:** Replace default images with something more distinct and representative of your app.

Debug configuration test

PASSED   Debug configuration

File encoding test

FAILED   UTF-8 file encoding

- **Error Found:** The UTF-8 file encoding test detected the following errors:
  - File c:\program files\windowsapps\com.pruforce.migrationall_2.0.0.2_neutral__bzbj8h50hftv4\www\plugins\cordova-plugin-mfp\worklight\checksum.js is not properly UTF-8 encoded. Re-save the file as UTF-8 (including Byte Order Mark).
  - File c:\program files\windowsapps\com.pruforce.migrationall_2.0.0.2_neutral__bzbj8h50hftv4\www\plugins\cordova-plugin-mfp\worklight\static_app_props.js is not properly UTF-8 encoded. Re-save the file as UTF-8 (including Byte Order Mark).

- **Impact if not fixed:** HTML, CSS, and JavaScript files must be encoded in UTF-8 form with a corresponding byte-order mark (BOM) in order to benefit from bytecode caching and to avoid other runtime error conditions.
- **How to fix:** Open the affected file, and select "Save As..." option from the File menu in Visual Studio. Select the drop-down control next to the Save button and select "Save with Encoding..." option. From the Advanced save options dialog, choose the "Unicode (UTF-8 with signature)" option and click the OK button.

App Capabilities test

PASSED   Special use capabilities

Windows Runtime metadata validation

PASSED   ExclusiveTo attribute

PASSED   Type location

PASSED   Type name case-sensitivity

PASSED   Type name correctness

PASSED   General metadata correctness

PASSED   Properties

Package sanity test

PASSED   Platform appropriate files

PASSED   Supported directory structure check

Resource Usage Test

PASSED   WinJS background task