Technical proposal

JetAdvantage Link SDK
Style Guideline

V 1.00
May 08, 2018
Confidentiality notice

The information contained in this documentation is subject to change without notice. HP Inc. makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. HP Inc. shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this documentation may be transformed, reproduced, or translated to another language without prior.

© Copyright 2018 HP Inc.
# Table of contents

1 Introduction .............................................................................................................. 6

2 Font ............................................................................................................................ 7
   2.1 Typeface ............................................................................................................. 7
   2.2 Text String ......................................................................................................... 8
   2.3 Text Size ........................................................................................................... 9

3 Icon ............................................................................................................................ 11
   3.1 App Icon .......................................................................................................... 11
   3.2 Position & Size ............................................................................................... 12

4 Theme ....................................................................................................................... 15
   4.1 Overview ......................................................................................................... 15
   4.2 Components ................................................................................................. 16
   4.3 Example ....................................................................................................... 17
List of figures

Figure 1: Display Screen ............................................................................................................. 7
Figure 2: Recommended Typeface .................................................................................................. 8
Figure 3: Text Area on the Main Screen ........................................................................................ 10
Figure 4: Text Area on the Dialog ................................................................................................. 11
Figure 5: App Icons ...................................................................................................................... 12
Figure 6: App Icons on the Home (8 inch) .................................................................................... 13
Figure 7: App Icons for App Gallery (8 inch) .................................................................................. 14
Figure 8: App Icons for App Center (Web) .................................................................................... 14
Figure 9: App Icons on the App Bar (8 inch) .................................................................................. 15
Figure 10: Logo on the Launch Screen .......................................................................................... 15
Figure 11: Color Theme ................................................................................................................ 16
Figure 12: Component Set ............................................................................................................ 17
Figure 13: Example ....................................................................................................................... 18
List of tables

Table 1: Supported Control Panels ........................................................................................................... 7
Table 2: Display Description ...................................................................................................................... 7
Table 3: Text Size of Screen ...................................................................................................................... 10
Table 4: Text Size of Dialog ..................................................................................................................... 11
Table 5: Icon Size ...................................................................................................................................... 12
Table 6: App Icon Size I ............................................................................................................................ 13
Table 7: App Icon Size II .......................................................................................................................... 14
Table 8: App Icon Size III ......................................................................................................................... 15
1 Introduction

JetAdvantage Link SDK for Device extends the mobile platform into our HP devices, where users will launch and use your apps on the device’s control panel. This style guide provides an easy-to-use design guide to make your Link apps for HP printers more consistent and stylish.

Your Link apps will run on the below HP control panels.

Table 1 Supported Control Panels

<table>
<thead>
<tr>
<th>Physical Panel Width</th>
<th>Resolution (W×H px)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 inch</td>
<td>1024×768</td>
</tr>
<tr>
<td>8 inch</td>
<td>800×600</td>
</tr>
</tbody>
</table>

This guideline is based on 1024×768 resolution, but the overall guideline numbers are used in dp(density-independent pixels) unit.

When a user runs your apps on a HP device, the device displays a screen containing a notification bar, application area, and system bar.

Figure 1 Display Screen

Table 2 Display Description

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Notification</td>
<td>Active Jobs icon, Error/Warning/Message icon, and Clock display</td>
</tr>
<tr>
<td>2 Application</td>
<td>Link app’s page</td>
</tr>
<tr>
<td>3 System bar</td>
<td>Back button</td>
</tr>
</tbody>
</table>
2 Font

2.1 Typeface

HP Simplified is the primary font used in HP printers. This is used throughout the HP printers for keeping consistency and helping with legibility.

![Figure 2 Recommended Typeface](image)

- HP Simplified Regular
- HP Simplified Light
- HP Simplified Bold
- HP Simplified Italic
- HP Simplified Light Italic
- HP Simplified Bold Italic
2.2 Text String

It is helpful to follow the string rules below when displaying text in the screen. Basically, all text should be visible. If you cannot show all the text, you can mark it as fade out or ellipsis, but in this case it is better to provide another way for users to see the full text.

Case1: Multiline
If all contents need to be displayed to users, or text space can be controlled, use multiline string.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh

Case2: Small text
If all contents need to be displayed to users, but text space is limited, use multiline string.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam

Case3: Fade out
If text space is limited in 1-2 line space, or text is displayed in tables, use fade out.

Lorem ipsum dolor sit amet, consectetur

Case4: Ellipsis
If fade out can not be applicable, or text is limited in 1-2 line space, use ellipsis.

Lorem ipsum dolor sit amet, consectetur...
2.3 Text Size

Below table represents the recommended font size of the Link apps on HP devices.

![Figure 3 Text Area on the Main Screen](image)

<table>
<thead>
<tr>
<th>Name</th>
<th>Style</th>
<th>Size (sp)</th>
<th>Align</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Title text</td>
<td>HP Simplified</td>
<td>31 sp</td>
<td>Left</td>
<td>255,255,255</td>
</tr>
<tr>
<td>2 Body text</td>
<td>HP Simplified</td>
<td>23 sp</td>
<td>Left</td>
<td>34,34,34</td>
</tr>
</tbody>
</table>
Figure 4 Text Area on the Dialog

Table 4 Text Size of Dialog

<table>
<thead>
<tr>
<th>Name</th>
<th>Style</th>
<th>Size (sp)</th>
<th>Align</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Dialog title</td>
<td>HP Simplified</td>
<td>23 sp</td>
<td>Left</td>
<td>34,34,34</td>
</tr>
<tr>
<td>4 Dialog body</td>
<td>HP Simplified</td>
<td>23 sp</td>
<td>Left</td>
<td>34,34,34</td>
</tr>
<tr>
<td>5 Dialog button</td>
<td>HP Simplified</td>
<td>23 sp</td>
<td>Center</td>
<td>34,34,34</td>
</tr>
</tbody>
</table>
3 Icon

3.1 App Icon

The appropriate launcher app icon size to be used depends on the resolution of the HP printers.

App Icons on the Home Screen

<table>
<thead>
<tr>
<th>Physical Panel Width</th>
<th>Resolution (WxH px)</th>
<th>HP Icon Size Category</th>
<th>Icon Size(WxH px)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 inch</td>
<td>1024 x 768</td>
<td>xl</td>
<td>179 x 179</td>
</tr>
<tr>
<td>8 inch</td>
<td>800 x 600</td>
<td>lg</td>
<td>140 x 140</td>
</tr>
</tbody>
</table>

![App Icons](image)

Figure 5 App Icons
### 3.2 Position & Size

The app icons will be displayed in different sizes on HP printers’ Home, App Gallery, or App Center.

**App Icons (8 inch)**

![App Icons on the Home (8 inch)](image)

*Figure 6* App Icons on the Home (8 inch)

**Table 6** App Icons Size

<table>
<thead>
<tr>
<th>Position</th>
<th>Size(px)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: App icon on the Home (8&quot;)</td>
<td>179 x 179 (140 x 140)</td>
</tr>
</tbody>
</table>
App Icons for App Gallery (8 inch)

![App Icons for App Gallery (8 inch)](image)

**Figure 7** App Icons for App Gallery (8 inch)

App Icon for App Center(Web)

![App Icon for App Center(Web)](image)

**Figure 8** App Icons for App Center(Web)

<table>
<thead>
<tr>
<th>Icon</th>
<th>Size(px)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 App Gallery (8&quot;)</td>
<td>50 x 50 (39 x 39)</td>
</tr>
<tr>
<td>4 App Center</td>
<td>62 x 62</td>
</tr>
</tbody>
</table>

**Table 7** App Icons Size II
The app icons can also be placed on the other places such as App bar, Launching page, etc. It could make your users recognize your brand more.

**App Icon on the App Bar (8 inch)**

![App Icon on the App Bar (8 inch)](image)

*Figure 9 App Icons on the App Bar (8 inch)*

**Logo on the Launch Screen (8 inch)**

![Logo on the Launch Screen (8 inch)](image)

*Figure 10 Logo on the Launch Screen (8 inch)*

**Table 8 App Icons Size**

<table>
<thead>
<tr>
<th>Icon</th>
<th>Size(px)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>App icon on the app bar(8&quot;) 50 x 50 (39 x 39)</td>
</tr>
<tr>
<td>6</td>
<td>Logo on the launcher screen(8&quot;) 170 x 170 (140 x 140)</td>
</tr>
</tbody>
</table>
4 Theme

4.1 Overview

When developing Link apps for HP devices, you might need to use your own brand color. Or you may need to choose a color as your primary color. This style guideline provides component sets in 11 colors, so it would help you create your own color theme with your branding color. If the color you choose belongs to the below color ranges, you can easily find one of the component sets which matches well with your color. It could help you to effectively express your branding in your Link apps.

![Color Theme](image)

**Figure 11** Color Theme
### 4.2 Components

A component set consists of the following items: Radio button, Checkbox, Switch, Progress, Input box, and Button. From the folders distributed along, you can choose any component sets appropriately to create your own color theme to matching your branding.

**Figure 13 Component Set**
4.3 Example

Below is an example. When choosing a red color as your primary color, the corresponding component set can be applied to create consistent color theme.

![Example Diagam](image)

**Figure 13** Example