WIDKPluginDevelopmentLibrary

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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Chapter 2

File Documentation

2.1 libpdl.c File Reference

```
#include <libpdl.h>
```

Functions

- int PDL_SetOrientation (int Orientation)
  This controls the notification popup location, it does not flip location 0,0.
- int PDL_SetFirewallPortStatus (int portnum, int enabled)
  portnum is number of port, enabled is 0 or 1
- int PDL_GetUniqueID (char *buffer, int sizeofbuffer)
  Get the unique id of the device.
- int PDL_GetDeviceName (char *buffer, int sizeofbuffer)
  Get device name.
- int PDL_LaunchBrowser (char *url)
  Opens web browser with a particular url.
- int PDL_LaunchEmail (char *subject, char *text)
  Opens an email pre-populated with subject and text.
- int PDL_GetLanguage (char *buffer, int sizeofbuffer)
  Fills buffer with language string (example: en_US).
- int PDL_NotifyMusicPlaying (int enable)
  Inform luna/webOS that music is playing.
- int PDL_Quit ()
  Cleans things up, haven't fully traced everything it's doing yet.
- int PDL_LSCall (char *arg1, char *arg2)

- int PDL_ScreenTimeoutEnable (int enable)
  Enables/Disables Screen Timeouts.
- void PDL_BannerMessagesEnable (int enable)
  Enables/Disables Notifications.
- void PDL_CustomPauseUiEnable (int enable)
  Enables/Disables Custom Pause UI.
- void PDL_FocusMessageEnable (int bool)
  Enables/Disables ????????
- void PDL_GesturesEnable (int bool)
  Enables/Disables Gestures.
- char * PDL_GetKeyName (int key)
  Get key name.
- void * PDLNet_Get_Info ()

2.1.1 Function Documentation

2.1.1.1 void PDL_BannerMessagesEnable (int *enable*)

Enables/Disables Notifications.

Parameters:

enable 1 for enable, 0 for disable

2.1.1.2 void PDL_CustomPauseUiEnable (int *enable*)

Enables/Disables Custom Pause UI.

Parameters:

enable 1 for enable, 0 for disable

2.1.1.3 void PDL_FocusMessageEnable (int *enable*)

Enables/Disables ????????

Parameters:

enable 1 for enable, 0 for disable

2.1.1.4 void PDL_GesturesEnable (int *enable*)

Enables/Disables Gestures.

Parameters:

enable 1 for enable, 0 for disable

2.1.1.5 int PDL_GetDeviceName (char * *buffer*, int *sizeofbuffer*)

Get device name.

Parameters:

A point to a buffer to store the device name in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.1.1.6 char* PDL_GetKeyName (int *key*)

Get key name. Get key name

I think most of the keys are passed to SDL_GetKeyName, but the following are PDL specific? 229 = gesture forward, 231 = gesture area, 27 = gesture back

Parameters:

key keycode?

Returns:

a string with the key name

2.1.1.7 int PDL_GetLanguage (char * *buffer*, int *sizeofbuffer*)

Fills buffer with language string (example: en_US).

Parameters:

A point to a buffer to store the language string in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.1.1.8 int PDL_GetUniqueID (char * *buffer*, int *sizeofbuffer*)

Get the unique id of the device. Get the unique id of the device something needs to be larger than 63, not sure what it controls right now sizeofbuffer >= 63

Parameters:

buffer A point to a buffer to store the ID in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.1.1.9 int PDL_LaunchBrowser (char * *url*)

Opens web browser with a particular url.

Parameters:

url The url which will be opened in the new browser card

Returns:

zero for success ??

2.1.1.10 int PDL_LaunchEmail (char * *subject*, char * *text*)

Opens an email pre-populated with subject and text.

Parameters:

subject The subject of the e-mail

text The body of the e-mail

Returns:

zero for success ??

2.1.1.11 int PDL_LSCall (char * *arg1*, char * *arg2*)

2.1.1.12 int PDL_NotifyMusicPlaying (int *enable*)

Inform luna/webOS that music is playing. Inform luna/webOS that music is playing Sends {'appName': 'com.palm.pdl', 'isPlaying': s} where s is true or false to luna://com.palm.mediaevents/notifyPlayingStatusChange

Parameters:

enable true=1, false=0

Returns:

zero for success ??

2.1.1.13 int PDL_Quit ()

Cleans things up, haven't fully traced everything it's doing yet.

2.1.1.14 int PDL_ScreenTimeoutEnable (int *enable*)

Enables/Disables Screen Timeouts.

Parameters:

enable 1 for enable, 0 for disable

2.1.1.15 int PDL_SetFirewallPortStatus (int *portnum*, int *enabled*)

portnum is number of port, enabled is 0 or 1

Parameters:

portnum Port number

enabled 1 if firewall enabled

Returns:

zero for success ??

2.1.1.16 int PDL_SetOrientation (int *Orientation*)

This controls the notification popup location, it does not flip location 0,0. This controls the notification popup location, it does not flip location 0,0

Parameters:

Orientation an int (0=bottom, 1= right, 2=top, 3=left)

Returns:

zero for success ??

2.1.1.17 void* PDLNet_Get_Info ()

2.2 libpdl.h File Reference

Functions

- int PDL_SetOrientation (int Orientation)
  This controls the notification popup location, it does not flip location 0,0.
- int PDL_SetFirewallPortStatus (int portnum, int enabled)
  portnum is number of port, enabled is 0 or 1
- int PDL_GetUniqueID (char *buffer, int sizeofbuffer)
  Get the unique id of the device.
- int PDL_GetDeviceName (char *buffer, int sizeofbuffer)
  Get device name.
- int PDL_LaunchBrowser (char *url)
  Opens web browser with a particular url.
- int PDL_LaunchEmail (char *subject, char *text)
  Opens an email pre-populated with subject and text.
- int PDL_GetLanguage (char *buffer, int sizeofbuffer)
  Fills buffer with language string (example: en_US).
- int PDL_NotifyMusicPlaying (int enable)
  Inform luna/webOS that music is playing.
- int PDL_Quit ()
  Cleans things up, haven't fully traced everything it's doing yet.
- int PDL_LSCall (char *serivce_uri, char *payload)
- int PDL_ScreenTimeoutEnable (int enable)
  Enables/Disables Screen Timeouts.
- void PDL_BannerMessagesEnable (int enable)
  Enables/Disables Notifications.
- void PDL_CustomPauseUiEnable (int enable)
  Enables/Disables Custom Pause UI.
- void PDL_GesturesEnable (int enable)
  Enables/Disables Gestures.
- void PDL_FocusMessageEnable (int enable)
  Enables/Disables ????????
- char * PDL_GetKeyName (int key)
  Get key name.
- void * PDLNet_Get_Info ()

2.2.1 Function Documentation

2.2.1.1 void PDL_BannerMessagesEnable (int *enable*)

Enables/Disables Notifications.

Parameters:

enable 1 for enable, 0 for disable

2.2.1.2 void PDL_CustomPauseUiEnable (int *enable*)

Enables/Disables Custom Pause UI.

Parameters:

enable 1 for enable, 0 for disable

2.2.1.3 void PDL_FocusMessageEnable (int *enable*)

Enables/Disables ????????

Parameters:

enable 1 for enable, 0 for disable

2.2.1.4 void PDL_GesturesEnable (int *enable*)

Enables/Disables Gestures.

Parameters:

enable 1 for enable, 0 for disable

2.2.1.5 int PDL_GetDeviceName (char * *buffer*, int *sizeofbuffer*)

Get device name.

Parameters:

A point to a buffer to store the device name in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.2.1.6 char* PDL_GetKeyName (int *key*)

Get key name. Get key name

I think most of the keys are passed to SDL_GetKeyName, but the following are PDL specific? 229 = gesture forward, 231 = gesture area, 27 = gesture back

Parameters:

key keycode?

Returns:

a string with the key name

2.2.1.7 int PDL_GetLanguage (char * *buffer*, int *sizeofbuffer*)

Fills buffer with language string (example: en_US).

Parameters:

A point to a buffer to store the language string in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.2.1.8 int PDL_GetUniqueID (char * *buffer*, int *sizeofbuffer*)

Get the unique id of the device. Get the unique id of the device something needs to be larger than 63, not sure what it controls right now sizeofbuffer >= 63

Parameters:

buffer A point to a buffer to store the ID in

sizeofbuffer The size of the buffer

Returns:

zero for success ??

2.2.1.9 int PDL_LaunchBrowser (char * *url*)

Opens web browser with a particular url.

Parameters:

url The url which will be opened in the new browser card

Returns:

zero for success ??

2.2.1.10 int PDL_LaunchEmail (char * *subject*, char * *text*)

Opens an email pre-populated with subject and text.

Parameters:

subject The subject of the e-mail

text The body of the e-mail

Returns:

zero for success ??

2.2.1.11 int PDL_LSCall (char * *serivce_uri*, char * *payload*)

2.2.1.12 int PDL_NotifyMusicPlaying (int *enable*)

Inform luna/webOS that music is playing. Inform luna/webOS that music is playing Sends {'appName': 'com.palm.pdl', 'isPlaying': s} where s is true or false to luna://com.palm.mediaevents/notifyPlayingStatusChange

Parameters:

enable true=1, false=0

Returns:

zero for success ??

2.2.1.13 int PDL_Quit ()

Cleans things up, haven't fully traced everything it's doing yet.

2.2.1.14 int PDL_ScreenTimeoutEnable (int *enable*)

Enables/Disables Screen Timeouts.

Parameters:

enable 1 for enable, 0 for disable

2.2.1.15 int PDL_SetFirewallPortStatus (int *portnum*, int *enabled*)

portnum is number of port, enabled is 0 or 1

Parameters:

portnum Port number

enabled 1 if firewall enabled

Returns:

zero for success ??

2.2.1.16 int PDL_SetOrientation (int *Orientation*)

This controls the notification popup location, it does not flip location 0,0. This controls the notification popup location, it does not flip location 0,0

Parameters:

Orientation an int (0=bottom, 1= right, 2=top, 3=left)

Returns:

zero for success ??

2.2.1.17 void* PDLNet_Get_Info ()

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