

https://verifone.cloud/docs/application-development-kit-version-47/guiprt_2src_2html_2prt_8h

Updated: 17-Sep-2025

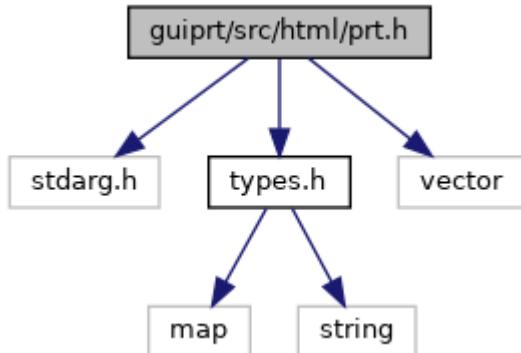
prt.h File Reference

```
#include <stdarg.h>
```

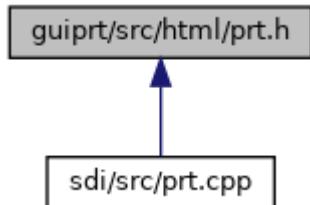
```
#include "types.h"
```

```
#include <vector>
```

Include dependency graph for prt.h:



This graph shows which files directly or indirectly include this file:



[Go to the source code of this file.](#)

Data Structures

struct [prtControlSeq](#)

struct [PrtErrorEntry](#)

Namespaces

[vfihtml](#)

[vfiprt](#)

Macros

```
#define DllSpec
```

TypeDefs

```
typedef void(* prtAsyncCallback) (void *data)
```

Enumerations

```
PrtError {
```

```
    PRT_OK = 0,  
    PRT_BUSY = -1,  
    PRT_PAPERJAM = -2,  
    PRT_HEADOPEN = -3,
```

```
    PRT_PAPEREND = -4,  
    PRT_OVERHEAT = -5,  
    PRT_OVERTVOLTAGE = -6,  
    PRT_UNDERTVOLTAGE = -7,
```

```
enum  
    PRT_FAIL = -8,  
    PRT_SCRIPT_ERROR = -9,  
    PRT_NO_PRINTER = -10,  
    PRT_BATTERY = -11,
```

```
    PRT_UNSUPPORTED = -20,  
    PRT_INVALID_PARAM = -21,  
    PRT_NO_RESOURCE = -22,  
    PRT_FILE_NOT_FOUND = -23,
```

```
    PRT_PROTOCOL = -24,  
    PRT_FINAL_RESULT = -40,  
    PRT_TIMEOUT = -41
```

```
}
```

List of general errors. [More...](#)

```
enum  
    PrtMode { PRT_PREFER_GRAPHICS,  
              PRT_PREFER_TEXT  
            }
```

```
PrtPropertyInt {  
  
    PRT_PROP_STATE =0,  
    PRT_PROP_HEAD_TEMP,  
    PRT_PROP_HEAD_VOLTAGE,  
    PRT_PROP_PIXEL_WIDTH,  
  
enum  
    PRT_PROP_CONTRAST,  
    PRT_PROP_DEFAULT_FONT_SIZE,  
    PRT_PROP_PRINT_MODE,  
    PRT_PROP_JS_QUOTA_SIZE
```

```
}
```

List of numeric properties. [More...](#)

```
PrtPropertyString {  
  
    PRT_PROP_RESOURCE_PATH,  
    PRT_PROP_FILE_PREFIX,  
    PRT_PROP_DEFAULT_FONT,  
    PRT_PROP_CSS,  
  
enum  
    PRT_PROP_INIFILE,  
    PRT_PROP_JS_ROOT,  
    PRT_PROP_DEVICE,  
    PRT_PROP_JS_QUOTA_ROOT,  
  
PRT\_PROP\_CP\_APP\_DIR
```

```
}
```

List of string properties. [More...](#)

Functions

bool	prtFinalResult (int x)
DllSpec int	prtGetPropertyInt (enum PrtPropertyInt property, int value)
DllSpec int	prtGetPropertyInt (enum PrtPropertyInt property, int * value)
DllSpec int	prtSetPropertyParams (enum PrtPropertyParams property, const char * value)
int	prtSetPropertyParams (enum PrtPropertyParams property, const std::string & value)
DllSpec int	prtGetPropertyString (enum PrtPropertyParams property, char * value , int len)
DllSpec int	prtGetPropertyString (enum PrtPropertyParams property, std::string & value)
DllSpec std::string	prtFormat (const char *format,...)
DllSpec std::string	prtFormatV (const char *format, va_list va)

<u>DllSpec</u> enum PrtError	prtURL (const <u>stringmap &value</u> , const char *url, bool landscape=false)
enum PrtError	prtURL (const <u>stringmap &value</u> , const std::string &url, bool landscape=false)
enum PrtError	prtURL (const char *url, bool landscape=false)
enum PrtError	prtURL (const std::string &url, bool landscape=false)
<u>DllSpec</u> enum PrtError	prtHTML (const <u>stringmap &value</u> , const std::string &text, bool landscape=false)
enum PrtError	prtHTML (const std::string &text, bool landscape=false)
<u>DllSpec</u> enum PrtError	prtURLAsync (const <u>stringmap &value</u> , const char *url, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
enum PrtError	prtURLAsync (const <u>stringmap &value</u> , const std::string &url, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
enum PrtError	prtURLAsync (const char *url, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
enum PrtError	prtURLAsync (const std::string &url, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
<u>DllSpec</u> enum PrtError	prtHTMLAsync (const <u>stringmap &value</u> , const std::string &text, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
enum PrtError	prtHTMLAsync (const std::string &text, bool landscape=false, prtAsyncCallback cb=0, void *cbdata=0)
<u>DllSpec</u> enum PrtError	prtWait (int timeout_msec=-1)
<u>DllSpec</u> enum PrtError	prtURL2PNG (const char *destfile, int width, const <u>stringmap &value</u> , const char *url, bool landscape=false)
enum PrtError	prtURL2PNG (const std::string &destfile, int width, const <u>stringmap &value</u> , const char *url, bool landscape=false)
enum PrtError	prtURL2PNG (const std::string &destfile, int width, const <u>stringmap &value</u> , const std::string &url, bool landscape=false)
enum PrtError	prtURL2PNG (const std::string &destfile, int width, const <u>stringmap &value</u> , const std::string &url, bool landscape=false)
enum PrtError	prtURL2PNG (const char *destfile, int width, const char *url, bool landscape=false)
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enum PrtError	prtURL2PNG (const std::string &destfile, int width, const std::string &url, bool landscape=false)
<u>DllSpec</u> enum PrtError	prtHTML2PNG (const char *destfile, int width, const <u>stringmap &value</u> , const std::string &text, bool landscape=false)
enum PrtError	prtHTML2PNG (const char *destfile, int width, const std::string &text, bool landscape=false)
enum PrtError	prtHTML2PNG (const std::string &destfile, int width, const std::string &text, bool landscape=false)
<u>DllSpec</u> enum PrtError	prtURL2ColorPNG (const char *destfile, int width, const <u>stringmap &value</u> , const char *url, bool landscape=false)

enum PrtError

DllSpec enum PrtError

enum PrtError

enum PrtError

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enum PrtError

enum PrtError

enum PrtError

DllSpec enum PrtError

enum PrtError

DllSpec int
DllSpec int
DllSpec void
DllSpec unsigned
DllSpec std::string

DllSpec int

DllSpec int

DllSpec int

[prtURL2ColorPNG](#) (const std::string &destfile, int width, const stringmap &value, const char *url, bool landscape=false)
[prtURL2ColorPNG](#) (const char *destfile, int width, const stringmap &value, const std::string &url, bool landscape=false)
[prtURL2ColorPNG](#) (const std::string &destfile, int width, const stringmap &value, const std::string &url, bool landscape=false)
[prtURL2ColorPNG](#) (const char *destfile, int width, const char *url, bool landscape=false)
[prtURL2ColorPNG](#) (const std::string &destfile, int width, const char *url, bool landscape=false)
[prtURL2ColorPNG](#) (const char *destfile, int width, const std::string &url, bool landscape=false)
[prtURL2ColorPNG](#) (const std::string &destfile, int width, const std::string &url, bool landscape=false)
[prtHTML2ColorPNG](#) (const char *destfile, int width, const stringmap &value, const std::string &text, bool landscape=false)
[prtHTML2ColorPNG](#) (const char *destfile, int width, const std::string &text, bool landscape=false)
[prtHTML2ColorPNG](#) (const std::string &destfile, int width, const std::string &text, bool landscape=false)
[prtURL2Text](#) (std::string &result, int width, const stringmap &value, const char *url, const prtControlSeq &ctrl)
[prtURL2Text](#) (std::string &result, int width, const stringmap &value, const std::string &url, const prtControlSeq &ctrl)
[prtURL2Text](#) (std::string &result, int width, const char *url, const prtControlSeq &ctrl)
[prtURL2Text](#) (std::string &result, int width, const std::string &url, const prtControlSeq &ctrl)
[prtHTML2Text](#) (std::string &result, int width, const stringmap &value, const std::string &text, const prtControlSeq &ctrl)
[prtHTML2Text](#) (std::string &result, int width, const std::string &text, const prtControlSeq &ctrl)
[prtGetFD](#) ()
[prtSetCatalog](#) (const std::string &filename)
[prtCatalogSetDelayedRelease](#) (unsigned num)
[prtCatalogGetDelayedRelease](#) ()
[prtGetText](#) (const std::string &name, const std::string &deflt="")
[prtGetHtml](#) (const std::map< std::string, std::string > &value, const std::string &text, std::string &html, bool full)
[prtGetHtml](#) (const std::map< std::string, std::string > &value, const std::string &text, std::string &html)
[prtGetHtmlURL](#) (const std::map< std::string, std::string > &value, const std::string &url, std::string &html, bool full)

<u>DllSpec</u> int	prtGetHtmlURL (const std::map< std::string, std::string > & <u>value</u> , const std::string &url, std::string &html)
<u>DllSpec</u> int	prtSetRemotePrinter (const std::string &address)
const <u>DllSpec</u> char *	prtLibVersion ()
const <u>DllSpec</u> char *	prt_GetVersion ()
const <u>DllSpec</u> std::vector<PrtErrorEntry> &	prtErrorList ()
<u>DllSpec</u> std::string	prtScriptError ()
<u>DllSpec</u> void	prtSetLocalProperties (bool local)
<u>DllSpec</u> bool	prtGetLocalProperties ()
<u>DllSpec</u> void	prtSetLogMask (unsigned mask)
<u>DllSpec</u> unsigned	prtGetLogMask (void)
<u>DllSpec</u> void	prtAddFontDir (const char *dir)

Data Structure Documentation

? vfiprt::prtControlSeq

struct vfiprt::prtControlSeq

control sequences that will be used during conversion to text.

These control sequences may contain 0-bytes!

Data Fields

string boldOff	deactivate bold printing
string boldOn	activate bold printing
string fontDoubleHeight	switch to double height font (activated with font-size:32, see HTMLPrinter users guide)
string fontDoubleWidth	switch to double width font (activated with font-size:40, see HTMLPrinter users guide)
string fontDoubleWidthHeight	switch to double width and height font (activated with font-size:48, see HTMLPrinter users guide)

string fontNormal	switch to normal (default) font (activated with font-size:24, see HTMLPrinter users guide)
string italicOff	deactivate italic printing
string italicOn	activate italic printing
string underlineOff	deactivate underline printing
string underlineOn	activate underline printing