

Label Printer

dtpweb Interface Quickstart

PC C# Version

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DothanTech

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1. dtpweb interface overview

dtpweb interface is a JavaScript interface based on the dtpweb Print Assistant provided by the label printer manufacturer. The purpose is to allow users to quickly and seamlessly complete the operation of the printer, shorten the development cycle and speed up the development process.

The dtpweb interface has a wide range of system compatibility, supporting Windows, Kirin OS, UOS, Ubuntu, Debian and other mainstream desktop operating systems.

2. dtpweb interface directory structure

Content of dtpweb SDK is structured as follows:

- DothanTech-dtpweb (PC C#) Interface Quickstart.pdf (this document);
- DothanTech-dtpweb (PC C#) Interface Description.pdf;
- Dll directory, the dtpweb interface is compiled from C# code and compiled into a dynamic library file.
- dtpweb, dtpweb Print Assistant installation program (if you have already installed printer driver, you do not need to repeat install this because the driver already inherits the Print Assistant);
- Test, test project based on wpf development;

3. dtpweb interface operating environment

The dtpweb interface is based on the C# interface encapsulated in the dtpweb Print Assistant provided by manufacturer, so you need to install the dtpweb Print Assistant provided by manufacturer before using the dtpweb interface. On Window systems, the dtpweb Print Assistant has been built into the printer driver, so you only need to install the corresponding printer driver. In other cases, the dtpweb Print Assistant must be installed separately.

4. Import dtpweb interface

Option 1: (Recommend) Users can search for: LPAPI.DTPWeb in the nuget package management tool, and then click Add;

Option 2: copy the dll file directly from interface package to a suitable place in the project, and then open the project to add the dependency.

5. dtpweb interface quickstart

5.1 Draw text

Code

```
// 1. Add LPAPI.DTPWeb.dll dynamic library dependencies
```

```
using DothanTech.LPAPI;
```

```
public DTPWeb api => DTPWeb.GetInstance();
```

```
// 4. Draw Text
```

```
Public void printText(string content) { if (!api) return;
```

```
// Connect Printer
```

```
api.OpenPrinter();  
    // Create a print job in specific size  
api.startJob({width: 40, height: 30});  
    // Draw Text  
api.DrawText(content);  
    // Submit a print job to start printing  
api.commitJob();  
    // Close Printer  
api.closePrinter();  
}  
</script>
```

5.2 Draw QR Code

```
// 1. Add LPAPI.DTPWeb.dll dynamic library dependencies  
using DothanTech.LPAPI;  
  
public DTPWeb api => DTPWeb.GetInstance();  
  
// Print QR Code Process  
public void printQrcode(string content) {  
    // 1. Connect printer  
api.OpenPrinter();  
    // 2. Create a print job in specific size  
api.StartJob(30, 30);  
    // 3. Draw QR codes on print jobs  
api.Draw2DQRCode(content, 5, 5, 20);  
    // 4. Submit a print job to start printing  
api.CommitJob();  
    // 5. Turn off the printer after printing  
api.ClosePrinter();  
}  
<script>
```

For more information, please refer to the " DothanTech-dtpweb Interface Description.pdf " and the demos in the interface package provided by the manufacturer.

Document Modification Records

SN	Version	Descriptions	Modifier	Date
1	V0.1.20220702	Document Creation	Yang Lingmei	2022-07-02
2	V0.2.20220711	Document refinement	Hu Dianxing	2022-07-11
3	V1.0.20230101	Document Release	Hu Dianxing	2022-12-30