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A .NET wrapper for Google Cloud Print API, based on .NET standard 1.1 — Edit

⊙ 6 commits	⅄ 1 branch	⬙ 0 releases	⚇ 1 contributor	⚖ MIT

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⊡ salmonthinlion Tested ListPrinterAsync, UpdatePrinterAsync & DeletePrinterAsync. Upd… ⋯		Latest commit 346ac0b 14 hours ago
▢ .vs	Tested ListPrinterAsync, UpdatePrinterAsync & DeletePrinterAsync. Upd…	14 hours ago
▢ GoogleCloudPrintApi.Test	Tested ListPrinterAsync, UpdatePrinterAsync & DeletePrinterAsync. Upd…	14 hours ago
▢ GoogleCloudPrintApi	Tested ListPrinterAsync, UpdatePrinterAsync & DeletePrinterAsync. Upd…	14 hours ago
▢ packages/Newtonsoft.Json.9.0.1	Tested OAuth & RegisterPrinterAsync	17 hours ago
▤ GoogleCloudPrintApi.sln	Completed GetPrinterAsync, SharePrinterAsync & UnsharePrinterAsync	2 days ago
▤ LICENSE	Initial commit	2 days ago
▤ README.md	Tested ListPrinterAsync, UpdatePrinterAsync & DeletePrinterAsync. Upd…	14 hours ago

⊞ README.md

GoogleCloudPrintApi (Beta)

A .NET wrapper for Google Cloud Print API, currently supports only Google Cloud Print 1.0. This library is based on .NET standard 1.1, supports .NET Core, .NET Framework, Xamarin.iOS, Xamarin.Android & Universal Windows Platform.

Features

- Allows printer registration to Google Cloud
- Allows printer manipulation on Google Cloud
- Allows printer sharing to Google Accounts
- Allows job retrieval from Google Cloud

Supported Platforms

- .NET Core 1.0 or above
- .NET framework 4.5 or above
- Xamarin.iOS
- Xamarin.Android
- Universal Windows Platform

How To Use

First-time token generation

```
var provider = new GoogleCloudPrintOAuth2Provider(clientId, clientSecret);
var url = provider.BuildAuthorizationUrl();
/* Your method to retrieve authorization code from the above url */
var token = await provider.GenerateRefreshTokenAsync(authorizationCode);
```

Initialize Google Cloud Print Client

```
var client = new GoogleCloudPrintClient(provider, token);
```

Register printer to Google Cloud

```
var request = new RegisterRequest
{
    Name = name,
    Proxy = proxy,
    Capabilities = capabilities
};
var response = await client.RegisterPrinterAsync(request);
```

List printers from Google Cloud

```
var request = new ListRequest { Proxy = proxy };
var response = await client.ListPrinterAsync(request);
```

Update printer from Google Cloud

```
var request = new UpdateRequest
{
    PrinterId = printerId,
    Name = nameToUpdate
};
var response = await client.UpdatePrinterAsync(request);
```

Delete printer from Google Cloud

```
var request = new DeleteRequest { PrinterId = printerId };
var response = await client.DeletePrinterAsync(request);
```

Fetch print job from Google Cloud

Under construction

Get ticket document for print job

Under construction

Get print job from Google Cloud

Under construction

Update print job status

Under construction

Share printer to Google User

Under construction

Unshare printer from Google User

Under construction

Reference

[Google Cloud Print API Reference](#)

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