

Epson Connect API 操作申請說明

🖸 Seiko Epson Corporation. 2024



EPSON



在 Epson Connect API 網站 註冊開發者帳戶。 從 Epson Connect API 網站 下載開發所需的文件(API 規 範或Sample Code) 在 Epson Connect API 網站提 交申請以取得 API 使用許可。 Start building your application. Have you registered your Epson printer to Epson Connect yet?

開始您的應用程序。您是否已將 Epson 印表機註冊到 Epson Connect?

注意:API 開發者帳戶和 Epson Connect 用戶 ID 並不相同,需要分別註冊。

開發步驟 URL: <u>https://developer.epsonconnect.com/</u>







- API 版本差異 (Ver1.3 vs Ver2.0)
 - 主要變化包括:
 - ▶ API 端點變更:從 Ver1.3 中的 /api/1/ 更改為 Ver2.0 中的 /api/2/
 - ▶ 身份驗證方式:保留 OAuth 2.0 的身份驗證方式,但更明確分類 Token 類型(Device 和 Application)強 化安全性。
 - > 增強的計劃列印功能:提供獨立路徑,以實現更靈活的列印計劃。
 - ▶ 改善的 API 請求/回應架構:更符合 RESTful API 原則,強化連線穩定度。
 - ▶ 統一錯誤處理:更明確定義常見錯誤及判斷。

■不限定 API 版本,創新大賽中皆可使用。





[登錄後]		[開發者 許可申請]	[聯繫]	
下載相關技術文件及規格書		eic.epsonevent.tw@gmail.com	提交 API 問題並通過電子郵件獲得回覆	
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Authentication	unaunoread 401 Dekide tokin or application tokin is invalid. Interna_usener_arror 503 An unexpected error occurred 4. Old Version API References. PDF Date File size Ecostn Connect API Scin Guide 2023-01-11 348 59976 Ecostn Connect API Net 13 Scientforce 2023-01-12 2023-01-11	 申請郵件訊息包含: ● 團隊名稱 ● 開發者Email ● 申請者名稱/聯絡方式 	EPSON Epson Connect API site tions > Subrit a takket Enter the starch to C Submit a takket "Enter the starch to C Inquiries are managed through takets.	
API 參考文件的說明請參見下一頁。		回覆郵件訊息包含:	Type of Inquiry * Choose Enter your email address * Country on Region of Residence * Choose Subject *	
		• URL • 客戶端 ID • 客戶端密鑰	同題回答	

Lists of Epson Connect APIs



API	Method	URI			
Device Certification 設備認證	POST	/api/1/printing/oauth2/auth/token?subject=printer	Minimum 4 steps for printing		
Getting Device Printing Ability 獲取設備列印功能	GET	/api/1/printing/printers/{device_id}/capability/{print_mode}	① Certification		
Printing Job Creation P 建立列印作業 P		/api/1/printing/printers/{device_id}/jobs	(2) Job Creation(3) File Upload		
Printing File Upload 上傳列印文件	POST	Upload URI issued when creating print job	④ Printing		
Printing 列印	POST	/api/1/printing/printers/{device_id}/jobs/{job_id}/print	■ Method		
Print Cancel 取消列印 POS		/api/1/printing/printers/{device_id}/jobs/{job_id}/cancel	ー 根據目的,Web API 主要有四種類型。		
Getting Printing Job Information 獲取列印作業的訊息	GET	/api/1/printing/printers/{device_id}/jobs/{job_id}	應用API 時	應用API 時 請透過以下方法:	
Getting Device Information 獲取設備訊息	GET	/api/1/printing/printers/{device_id}	方法 G E T	用途 取得資料	
Device Certification Cancel 取消設備認證	DELETE	/api/1/printing/printers/{device_id}	POST	新增一筆新的資料	
Notification Settings 通知設置 POST		/api/1/printing/printers/{device_id}/settings/notification	PUT	更新一筆資料,如果存在 這筆資就會覆蓋過去	
Getting Scan Destination List 獲取掃描目的地列表	GET	/api/1/scanning/scanners/{device_id}/destinations	DELETE	刪除資料	
Scan Destination Registration 刪除掃描目的地	POST	/api/1/scanning/scanners/{device_id}/destinations			
Update Scan Destination	PUT	/api/1/scanning/scanners/{device_id}/destinations			
Delete Scan Destination	DELETE	/api/1/scanning/scanners/{device id}/destinations			

應用體驗 Epson Connect API



為支援 API 測試和開發的工具。

使用 Postman 檢查 Epson Connect API 的操作!!

- 註冊成為開發者並獲取認證
- 安裝 Postman 下載連結 URL: <u>https://www.postman.com/downloads/</u> ※需要帳戶註冊
- 啟動 Postman 並從開發者網站導入Postman裝置
- 4 steps 完成Postman 列印

[Postman]



※ Postman

Run using access information

測試每個 API 時,請參考規範和手冊進行參數設置。





[登錄後]

研讀 V2.0 開發規格 (Web base)

https://docs.epsonconnect.com/en/index.ht ml#overview

[取得身分驗證]

申請開發新專案·取得驗證Key

docsepsonconnect.com/en/index.html#overview 80 Å EPSON | Epson Connect API site Information ~ Documents ~ My Apps ~ Support ~ Blog EPSON | Epson Connect API site 曲 - 02 Tutorial Filter #2 SEARCH EIC Test program1 introduction Create a New App EpsonConnect V2 API Specification van EpsonConnect V2 API Specification App List Introduction Download OpenAPI spec Introduction API Servers 1. Overview 1. Register with Epson Connect The Ecson Connect API thereafter referred to as "API"I provides a way to control and execute This tutorial explains the procedures for those developing apps that use the Epson Connect API, from Authentication registering with Epson Connect to printing in apps that use the Epson Connect API. Follow the steps . . 2. Registering with the Epson Con... below to get ready and make the most of the Epson Connect API to expand the functionality of your 2. Glossary Printing 800. Redirect URI* Term Description 3. App Creation CT Get Notification Information Epson Connect is a service that connects costomers to Epson printers and exal NotFication Information Series scamers over the internet. Register with Epson Connect Program implementation Device A printer or scanner connected to Opeon Connect. GET Get Printing Capacity Registering with the Epson Connect API site GAT Get Detroit Print Settings Authorization This is a server for obtaining access tokens. 4.1. Device Authentication Server it complies with ISTC 6749 (The DAuth 3.0 Authorization Fremework). MRW Create Printing Job Please revolve the access token when a user unsubscribes from your App Creation API KEY POST The upload SHITH CH. 4. 2. App Authentication Real Duplicate Print Joh Program implementation Device Token An access token that is accuired in the authorization code flow POST Printing It is used for Dearer Authentication of the A71 operating the device. NOST Cancel Printing. 4, 3. Print flow implementation Retrept Token A refresh token that is acquired in the authorization code flow. Testing the app Get Print Job Information Client ID it is used to refresh the device toke When the device token is refreshed, a new refresh token is also located Schedule Printing 5. Testing the app Application Token An access token that is retrieved from the client credentials flow The Epson Connect API complies with CAuth2.0 (RFC 6749). It is used for Dearer Authentication of the API that is not operating the NOST Create Schedule Print no Job 5.1. Authorizing access to devic... dedos. This tutorial requires a basic understanding of CAuth2.0. essi Schedule Edit Ele Ubicad Printing Job ID An ID that identifies the print job. Reissue Client Secret at Dublighte Schedule Print Joh 5.2. Executing printing CODE SAMPLES Shell Python PHP Java Javascript

curl --request GET \

--url https://api.epsonconnect.com/api/2/printing/devices/info \

--header 'Authorization: Bearer B-Tcytwjnm9818P9mb3V9lsnHFMHki3FeDgsOFQSu_I' \

Сору

--header 'x-api-key: MGTNVvnVmmFbYasgApRtuXC7t8EDMcRxDRvMZTZB

程式開發流程教學 (Web base)

https://developer.epsonconnect.com/Portals/tutorial

參考程式碼]