目錄

[1. 共通設定 2](#_Toc282166259)

[2. Login(01) 4](#_Toc282166260)

[3. Auto Login(02) 5](#_Toc282166261)

[4. IP Login(03) 6](#_Toc282166262)

[5. Feature Applications(04) 7](#_Toc282166263)

[6. Application Category List(05) 9](#_Toc282166264)

[7. Applications of Category(06) 11](#_Toc282166265)

[8. Application Detail(07) 12](#_Toc282166266)

[9. Comments of Application(08) 17](#_Toc282166267)

[10. Report Application(09) 19](#_Toc282166268)

[11. Rate Application(10) 20](#_Toc282166269)

[12. Search Apps(11) 20](#_Toc282166270)

[13. CP’s Apps(12) 23](#_Toc282166271)

[14. My Download ( Free, Paid, All )(13) 25](#_Toc282166272)

[15. Send Client Usage Log (14) 26](#_Toc282166273)

[16. Is Over Payment Quota?(15) 27](#_Toc282166274)

[17. Check Pay Status(16) 28](#_Toc282166275)

[18. Unsubscribe(17) 31](#_Toc282166276)

[19. Check New Client(18) 33](#_Toc282166277)

[20. Download Client(19) 35](#_Toc282166278)

[21. Check My Apps Version(20) 36](#_Toc282166279)

[22. Download App(21) 38](#_Toc282166280)

# 共通設定

API Domain

Prod http://www.smartapp.tw/appserver/

TestProd http:// developer.smartapp.tw/appserver/

Staging http:// stagingdeveloper.smartapp.tw/appserver/

Common Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| aver | Android SDK 版本 |
| cver | Client版本 |
| lang | 語系 |
| time | 手機端時間 yyyy/MM/dd HH:mm，如2010/08/01 04:00 |
| imei | IMEI |
| imsi | IMSI |
| iccid | ICCID |
| dvc | 手機型號 |
| wpx | 手機螢幕寬度(pixel) |
| hpx | 手機螢幕高度(pixel) |
| appfilter | 0表示不Filter, 1表示要filter Feature Apps, Category Apps, CP’s Apps,  Search Apps |

Common Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| ret | API結果，不可以是0。1：成功 | Yes |
| retMsg | 如果Result為0，則回傳此訊息提示使用者。如系統維護中 | No |
| sysMsg | 系統訊息，如系統將在12點進行維護 | No |
| newClient | 有新版本 | No |
| msg | 有新版本的提示訊息 | Yes |
| apkbytes | 檔案大小 bytes | Yes |

Common Ret & Message (99以下是保留值，各API不使用)

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 0001 |  | 成功 |
| 0002 | 系統錯誤 | 系統無回應 |
| 0003 | 有新版本的Client | S市集有新版本.請下載並安裝 |
| 0004 | http request parameter 錯誤 | 參數錯誤 |
| 0010 | Token無效 | 請重新登入 |
| 0011 | 不在白名單內 | 此帳號無法使用該系統 |
| 0012 | 不在網段內 | 無法使用該系統 |

CSP

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 9801 | CSP SDK Exception or return null |  |

IPAY

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 9901 | IPAY SDK Exception or return null |  |

Response Data

{ ret: 0002, retMsg: ‘連線資料錯誤’ }

Client 有新版本

{

ret: 0003,

newClient: {

msg: ‘有新版本，新版本增加了產品明細的說明喔，歡迎更新’

apkbytes: 1234325

}

}

# Login(01)

登入

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTPS | POST | api/login |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| userId | 帳號 | Yes |
| pwd | 密碼 | Yes |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| uid | User UID | Yes |
| token | Token | Yes |
| afse | App Filter Setting Enable，0表示disable | No |

Ret & Message

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 0101 | 帳號或密碼錯誤 | 帳號或密碼輸入錯誤，請重新輸入。 |
| 0102 | CSP回傳無此帳號 | 帳號或密碼輸入錯誤，請重新輸入。 |
| 0103 | 系統錯誤，CSP無回應或錯誤、其他任何錯誤 | 系統忙碌中，請稍後再試！ |

Response Data

{

ret: '0001',

credential: { uid: 'string', token: 'string', afse: 0 }

}

# Auto Login(02)

自動登入

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTPS | POST | api/autologin |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| uid | User UID | yes |
| token | Token | Yes |
| afse | App Filter Setting Enable，0表示disable | No |

Ret & Message

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 0201 | 自動登入驗證失敗 | 自動登入失敗，請重新登入 |

Response Data

{

ret: '0001',

credential: { uid: 'string', token: 'string', afse: 0 }

}

{ ret: 0201, retMsg: ‘自動登入失敗’ }

# IP Login(03)

IP登入

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTPS | POST | api/iplogin |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| ip | IP Address |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| ipLogin | IP登入是否成功 | Yes |
| uid | User UID | No |
| token | Token | No |
| account | 登入帳號 | No |
| afse | App Filter Setting Enable，0表示disable | No |

Ret & Message

|  |  |  |
| --- | --- | --- |
| **Ret** | **Explanation** | **Message** |
| 0301 | CSP IP Login失敗、無回應。 | 無法登入該系統！ |

Response Data

{ ret: 0001, credential: { ipLogin: **false** } }

{

ret: '0001',

credential: { ipLogin: **true**, uid: 'string', token: 'string', account: 'string', afse: 0 }

}

# Feature Applications(04)

Feature Applications

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/feature/apps |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | token |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| apps | [Object Array] Applications | Suc |
| pkg | Application package name | Suc |
| version | Application version | Suc |
| title | Application title | Suc |
| icon | Application icon 的 Url | Suc |
| provider | Application provider 名稱 | Suc |
| rating | 評分 | Suc |
| price | [ float, 0.## ] 價錢。 | Suc |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Suc |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Suc |
| paystatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

apps: [

{

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: 'string',

rating: 1.5,

price: 100.1,

priceType: 1,

priceText: 'string',

payStatus: 5,

subscribeExpDate: 'N月N日到期',

},

{

同上

}

]

}

# Application Category List(05)

應用程式類別清單

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/category |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | token |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| categories | [Object Array] Category | Suc |
| id | Category ID | Suc |
| title | Category Title | Suc |
| icon | Category Icon | Suc |
| hasNewApp | 有沒有新App | Suc |
| newAppCount | 新App數量 | Suc |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

categories: [

{

id: 'string',

title: 'string',

icon: 'http url',

hasNewApp: **true**,

newAppCount: 10

},

{

同上

}

]

}

# Applications of Category(06)

某一類別的應用程式清單

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/category/${**categoryID**}/freeapps/page/${**page**} | 免費 |
| HTTP | POST | api/category/${**categoryID**}/paidapps/page/${**page**} | 付費 |
| HTTP | POST | api/category/${**categoryID**}/apps/page/${**page**} | 全部 |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| category | Category ID |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | No |
| category | category | Suc |
| id | Category ID | Yes |
| title | Category Title | Yes |
| apps | [Object Array] Applications | Suc |
| pkg | Application package name | Yes |
| version | Application version | Yes |
| title | Application title | Yes |
| icon | Application icon 的 Url | Yes |
| provider | Application provider 名稱 | Yes |
| rating | 評分 | Yes |
| price | [ float, 0.## ] 價錢 | Yes |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Yes |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Yes |
| payStatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

pageEnd: **true**,

category: {id: 'string', title: 'string'},

apps: [

{

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: 'string',

rating: 1.#f,

price: 100.1,

priceType: 1,

priceText: 'string',

payStatus: 1

},

{

同上

}

]

}

# Application Detail(07)

應用程式詳細內容

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/application/**${pkg}** |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| token | Token | Yes |
| pkg | 應用程式package ID | Yes |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| app | Applications | Suc |
| pkg | Application package name | Yes |
| version | Application version | Yes |
| title | Application title | Yes |
| icon | Application icon 的 Url | Yes |
| provider | Application provider 名稱 | Yes |
| rating | 評分 | Yes |
| price | [ float, 0.## ] 價錢 | Yes |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Yes |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Yes |
| payStatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |
| downloadTimes | 下載次數 | Yes |
| ratingTimes | 評分次數 | Yes |
| introduction | 介紹 | Yes |
| screenShots | [String Array] 大圖 | Yes |
| comments | [Object Array] Comment，最多三筆，沒有不傳 | No |
| poster | 評論者 | Yes |
| date | [yyyy/MM/dd] 評論日期 | Yes |
| rating | 評分 | Yes |
| content | 評論內容 | Yes |
| myRating | 我的評分 | No |
| myComment | 我的評論 | No |
| about | 關於 | Yes |
| ~~versionName~~ | ~~版本名稱~~ | ~~Yes~~ |
| apkBytes | APK檔案大小bytes | Yes |
| ~~supportLang~~ | ~~支援語系~~ | ~~Yes~~ |
| ~~supportSDK~~ | ~~支援Android SDK版本~~ | ~~Yes~~ |
| ~~supportScreen~~ | ~~支援螢幕解析度~~ | ~~Yes~~ |
| providerID | 開發者CP ID | Yes |
| providerSite | 開發者網站 | Yes |
| providerEmail | 開發者Email | Yes |
| reportable | 是否可以檢舉 **沒有檢舉過**，且有下載過，不論成功與否就是true。 檢查USER\_APK的Download ID | Yes |
| commentable | 是否可以評論 有下載過，不論成功與否就是true。 檢查USER\_APK的Download ID | Yes |
| ratingable | 是否可以評分 有下載過，不論成功與否就是true。 檢查USER\_APK的Download ID | Yes |
| alertInstallMsg | 點選下載時，如果需要付費(計次未購買、月租未訂閱)，則提示此訊息 計次回傳內容：此軟體費用為N元，安裝完成，並完成付款程序後，即可使用，按「確定」開始下載，或「取消」離開 月租回傳內容：此軟體為月租型，須支付每個月N元，安裝完成，並完成付款程序後，將開始收費，按「確定」開始下載或「取消」離開 | No |
| ~~alertUnsubscribeMsg~~ | ~~點選取消訂閱的提示訊息~~ | ~~No~~ |
| alertUninstallMsg | 若是月租型已訂閱，則回傳 “此軟體為月租型，須支付每個月xxx元。移除程式後，請再回到我的下載進行取消訂閱” | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| 0701 | 無此應用程式或已下架 |

Response Data

{

ret: '0001',

app: {

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: '開發商：XXX',

rating: 1.5,

price: 100.1f,

priceType: 1,

priceText: '月租N元',

payStatus: 1,

downloadTimes: '已下載：100000次',

ratingTimes: '評分數：10000',

introduction: 'string',

screenShots: ['http url', 'http url'],

comments: [

{poster: 'string', date: 'yyyy/MM/dd', rating: 1, content: 'string'},

{poster: 'string', date: 'yyyy/MM/dd', rating: 5, content: 'string'}

]

myRating: 4,

myComment: 'string',

about: '版本/容量：V1.0/2.5MB**\n**支援語言：中 / 英文**\n**最低支援Android版本：1.5**\n**支援解析度：240x320, 320x480, 480x800 ',

apkBytes: 2222,

providerID: 'string',

providerSite: 'http url',

providerEmail: 'email address',

reportable: **true**,

commentable: **true**,

ratingable: **true**,

alertInstallMsg: '此軟體費用為N元，安裝完成，並完成付款程序後，即可使用，按「確定」開始下載，或「取消」離開',

alertUninstallMsg: '此軟體為月租型，須支付每個月xxx元。移除程式後，請再回到我的下載進行取消訂閱'

}

}

# Comments of Application(08)

應用程式評論清單

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/application/${**pkg**}/comments/page/${**page**} |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| pkg | 應用程式package ID |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | No |
| comments | [Object Array] Comment | Suc |
| id | Comment ID | Yes |
| poster | 評論者 | Yes |
| date | [yyyy/MM/dd] 評論日期 | Yes |
| rating | 評分 | Yes |
| content | 評論內容 | Yes |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| ~~0801~~ | ~~無此Application。因Server不辨別無此App，故取消此值~~ |

Response Data

{

ret: '0001',

pageEnd: **true**,

comments: [

{

id: 'string',

poster: 'string',

date: 'string',

rating: 1.5,

content: 'string'

},

{

id: 'string',

poster: 'string',

date: 'string',

rating: 1.5,

content: 'string'

}

]

}

# Report Application(09)

檢舉Application

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/application/${**pkg**}/report |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| token | Token |  |
| pkg | Application Package Name |  |
| lappv | Local Application version code。 沒有安裝時候，不送此參數 | No |
| reportId | 檢舉項目代碼 |  |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
|  |  |  |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| 0901(\*不判斷下架) | 無此應用程式 |
| 0902 | 檢舉內容錯誤 |

Response Data

{ ret: '0001'}

{ ret: '0902', retMsg: ‘檢舉內容錯誤’ }

# Rate Application(10)

評論應用程式

URL

|  |  |  |
| --- | --- | --- |
| **Protocol** | **Method** | **Path** |
| HTTP | POST | api/application/${**pkg**}/rating |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| token | Token | Yes |
| pkg | Application Package Name | Yes |
| lappv | Local Application version code。 沒有安裝時候，不送此參數 | No |
| rating | 評分1~5 | Yes |
| comment | 評論，最多150個字 | No |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
|  |  |  |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| 1001 | 無此應用程式(\*不判斷下架) |
| 1002 | 評分分數錯誤 |
| 1003 | 評論內容太長 |

Response Data

{ ret: '0001'}

{ ret: '1003', retMsg: ‘評論內容太長’ }

# Search Apps(11)

搜尋某一類別的應用程式

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/search/freeapps/page/${**page**} | 免費 |
| HTTP | POST | api/search/paidapps/page/${**page**} | 付費 |
| HTTP | POST | api/search/apps/page/${**page**} | 全部 |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| query | 搜尋的內容 |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | No |
| apps | [Object Array] Applications | Suc |
| pkg | Application package name | Suc |
| version | Application version | Suc |
| title | Application title | Suc |
| icon | Application icon 的 Url | Suc |
| provider | Application provider 名稱 | Suc |
| rating | 評分 | Suc |
| price | [ float, 0.## ] 價錢 | Suc |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Suc |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Suc |
| payStatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

pageEnd: **true**

apps: [

{

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: 'string',

rating: 1.#f,

price: 100.1,

priceType: 1,

priceText: 'string',

payStatus: 1

},

{

同上

}

]

}

# CP’s Apps(12)

開發者某一類別的應用程式

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/cp/${cp\_id}/freeapps/page/${**page**} | 免費 |
| HTTP | POST | api/cp/${cp\_id}/paidapps/page/${**page**} | 付費 |
| HTTP | POST | api/cp/${cp\_id}/apps/page/${**page**} | 全部 |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| cp\_id | CP ID |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | No |
| provider | 開發商 | Suc |
| apps | [Object Array] Applications | Suc |
| pkg | Application package name | Suc |
| version | Application version | Suc |
| title | Application title | Suc |
| icon | Application icon 的 Url | Suc |
| provider | Application provider 名稱 | Suc |
| rating | 評分 | Suc |
| price | [ float, 0.## ] 價錢 | Suc |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Suc |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Suc |
| payStatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| 1201 | 無此開發商 |

Response Data

{

ret: '0001',

title: 'string',

pageEnd: **true**,

apps: [

{

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: 'string',

rating: 1.#f,

price: 100.1,

priceType: 1,

priceText: 'string',

payStatus: 1

},

{

同上

}

]

}

# My Download ( Free, Paid, All )(13)

我的下載App清單

免費：Free, InApp購買, InApp購物車

付費：計次, 月租, InApp購買

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/mydonwload/freeapps/page/${**page**} | 免費 |
| HTTP | POST | api/mydonwload/paidapps/page/${**page**} | 付費 |
| HTTP | POST | api/mydonwload/apps/page/${**page**} | 全部 |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | No |
| apps | [Object Array] Applications | Suc |
| pkg | Application package name | Suc |
| version | Application version | Suc |
| title | Application title | Suc |
| icon | Application icon 的 Url | Suc |
| provider | Application provider 名稱 | Suc |
| rating | 評分 | Suc |
| price | [ float, 0.## ] 價錢 | Suc |
| priceType | 計費方式。 0: 免費, 1: 計次, 2: 月租,  3: InApp購買, 4: InApp購物車 | Suc |
| priceText | 顯示在畫面上的計費方式 0: 免費, 1: N元, 2: 月租N元, 3: 免費(InApp), 4: 免費(InApp) | Suc |
| payStatus | 1: 付款中 2: 已經購買、已經訂閱 | No |
| subscribeExpDate | 月租到期日，取消訂閱且未到期 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

pageEnd: **true**

apps: [

{

pkg: 'string',

version: 30000,

title: 'string',

icon: 'http url',

provider: 'string',

rating: 1.#f,

price: 100.1,

priceType: 1,

priceText: 'string',

payStatus: 1

},

{

同上

}

]

}

# Send Client Usage Log (14)

Client 被開啟的紀錄。

同樣的UserID, IMEI, ICCID, VERSION, TIME，不會重複Insert

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/client/usage |  |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| token |  | Yes |
| l\_uid | Log UID | Yes |
| l\_userId | Log User ID | Yes |
| l\_iccid | Log ICCID | No |
| l\_imei | Log IMEI | No |
| l\_msisdn | Log MSISDN | No |
| l\_cver | Log Store Client Version | Yes |
| l\_time | Log Client Usage Time | Yes |
| l\_dvc | Log Device Model Name | No |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
|  |  |  |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{ ret: '0001'}

# Is Over Payment Quota?(15)

當月付款總金額是否超過

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/payment/overQuota/**${pkg}** |  |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token |  |
| pkg |  |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| paymentQuota |  | Yes |
| overQuota | 是否超過額度 | Yes |
| overQuotaMsg | 超過額度時，回傳此訊息以提示使用者 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
| 1501 | 無此應用程式或已下架 |

Response Data

{ ret: '0001', paymentQuota: { overQuota: **false** } }

{ ret: '0001',

paymentQuota: {

overQuota: **true**,

overQuotaMsg: '很抱歉您本次購買的金額已超過S市集每個月可使用額度，每月額度為5000元(含月租及單次收費)' }

}

# Check Pay Status(16)

檢查付款狀態

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/payment/checkPayStatus/**${pkg}** |  |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| token |  |  |
| pkg |  |  |
| lappv | Local Application version code。 沒有安裝時候，不送此參數 | No |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| payStatus |  | Yes |
| pkg |  | Yes |
| version | 授權的App Version | Yes |
| priceType |  | Yes |
| status | 付費狀況 0: 未購買、1: 付費處理中、2: 已購買、3: 付款失敗、4: 取消訂單、5: 取消訂閱 | Yes |
| statusMsg | 0, 3, 4, 5: 不回傳 1: 系統無回應(表示CSP, IPAY發生錯誤或無回應) 2: 您上次的付款已成功，您可以順利使用本軟體 | No |
| ~~license~~ | ~~授權。當status = 2的時候，回傳授權~~ | ~~No~~ |
| ~~id~~ | ~~License ID~~ | ~~Yes~~ |
| ~~b64Data~~ | ~~BASE 64 授權資料~~ | ~~Yes~~ |
| ~~b64Sign~~ | ~~BASE 64 授權簽章~~ | ~~Yes~~ |

Ret Message

|  |  |  |
| --- | --- | --- |
| **Ret** | **Message** | **Desc** |
| 1601 | 無此應用程式 | 無此應用程式 |
| 1602 (Client收到0001) |  | 無付款資訊 |
| 1603 | 檢查付款狀況失敗 | 無ServiceId |

Response Data

{ ret: 1601, retMsg: ‘無此應用程式’ }

{

ret: '0001',

payStatus: {

pkg: 'application package id',

version: 100, priceType: 1, payStatus: 0

}

}

{

ret: '0001',

payStatus: {

pkg: 'application package id',

version: 100, priceType: 1, payStatus: 1,

statusMsg: '系統無回應'

}

}

{

ret: '0001',

payStatus: {

pkg: 'application package id',

version: 100, priceType: 1, payStatus: 2,

statusMsg: '您上次的付款已成功，您可以順利使用本軟體'

}~~,~~

~~license: {~~

~~id: 'license ID',~~

~~b64data: 'Base64 License Data',~~

~~b64sign: 'Base64 License Sign'~~

~~}~~

}

# Unsubscribe(17)

取消訂閱。

重複呼叫 CPS DesubscribeAPService 會回傳04230002 (The user did not subscribe the service before.) 視為取消訂閱成功。

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/payment/unsubscribe/**${pkg}** |  |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token |  |
| pkg |  |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| unsubscribe |  | Yes |
| status | 處理狀態 1: 取消訂閱成功 CPS: 00000000, 04230002 2: CPS SDK 發生錯誤 3: CPS SDK 回傳其他值 4: 未訂閱、已取消訂閱、或在USER\_SUBSCRIBE找不到訂閱紀錄 | Yes |
| statusMsg | 處理狀態提示訊息 1: 您已成功取消訂閱 2: 系統無回應 3: 系統無回應 4: 您未訂閱或已取消訂閱此軟體 | Yes |
| subscribeExpDate | 月租到期日 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

unsubscribe: { status: 1, statusMsg: '您已成功取消訂閱' }

}

{

ret: '0001',

unsubscribe: { status: 2, statusMsg: '系統無回應' }

}

{

ret: '0001',

unsubscribe: { status: 3, statusMsg: '系統無回應' }

}

{

ret: '0001',

unsubscribe: { status: 4, statusMsg: '您未訂閱或已取消訂閱此軟體' }

}

# Check New Client(18)

檢查Client有沒有新版本

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/client/version |  |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
|  |  |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| newClient | 有新版則回傳內容，沒有時則回傳null | Yes |
| version | 版本 | Yes |
| apkbytes | Apk file size | Yes |
| msg | Dialog Message | Yes |
| title | Dialog & Notification Title | Yes |
| notification | Notification Message | Yes |
| ticker | Notification ticker | Yes |
| dltoken | Download Token 沒提供時，呼叫Download API不需要傳送 | No |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

{

ret: '0001',

newClient: {

version: 201,

apkbytes: 555000,

msg: '是否下載更新?',

title: 'S市集有新版本',

notification: '請按此進行S市集更新',

ticker: 'S市集有新版本',

dltoken: 'string'

}

}

{

ret: '0001',

newClient: **null**

}

# Download Client(19)

下載Client

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/client/download |  |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| dltoken | Download Token | No |

Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Example** | **必要** |
| Content-Type | application/vnd.android.package-archive | Yes |
| Content-Length | 456662 | Yes |
| Content-Disposition | attachment; filename=smart\_client\_v201.apk | Yes |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

bytes stream data

# Check My Apps Version(20)

檢查我下載的App版本，不須做Çlient版本檢查filter

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/my/appversions/page/${**page**} |  |

Request Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| token | Token |
| page | Page Number |

Response

|  |  |  |
| --- | --- | --- |
| **Node** | **Description** | **必要** |
| pageEnd | 最後一頁，非最後一頁的時候，可以不回傳 default false | Yes |
| appvs | [Object Array] Application Version | Suc |
| pkg | Application package name | Suc |
| version | Application version | Suc |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

有資料

{

ret: '0001',

pageEnd: **true**

appvs: [

{ pkg: 'string', version: 30000 },

{ 同上 }

]

}

無資料

{

ret: '0001',

pageEnd: **true**

}

# Download App(21)

下載Client

URL

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol** | **Method** | **Path** | **Description** |
| HTTP | POST | api/app/download/**${pkg}** |  |

Request Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **必要** |
| vlogId | USER\_GET\_APPVERSION\_LOG的ID | No |
| lappv | 手機安裝的App版本 | No |
| categoryId |  | Yes |

Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Example** | **必要** |
| Content-Type | application/vnd.android.package-archive | Yes |
| Content-Length | 456662 | Yes |
| Content-Disposition | attachment; filename=packageName.apk | Yes |
| apk-download-id | USER\_INSTALL\_APK ID | Yes |
| apk-version | App Version Code | Yes |

Ret Message

|  |  |
| --- | --- |
| **Ret** | **Message** |
|  |  |

Response Data

bytes stream data

1. Send Install Log
2. Send Uninstall Log
3. Get License
4. IPay Login
5. IPay Payment
6. IPay User Payment Method
7. IPay Set Credit Card
8. IPay Transaction
9. IPay Set Email
10. Get App Version
11. Web Download Apk
12. Web Download Apk without Auth

透過簡訊下載，可以多次透過Browser直接下載不用認證，web上APK下載時用

1. Get App Self Purchase License
2. IPay Server Product Purchase Payment
3. IPay Server Product Purchase Transaction
4. CP Get Server Product Purchase Result