

ARDSWC API Sentinel2 衛星影像圖磚清單 v1.0

Title	Sentinel2 衛星影像圖磚清單
Description	BigGIS 系統提供 Webservice。提供相關資料 JSON 或 XML 格式，供其他外部系統，協助署內計畫成果讀取引用。 經申請審查後，開通之 IP 可進行介接
URL	https://gis.ardswc.gov.tw/api/ardswc/tiles/sentinel2/{format}
URL parameter	{format}: json、xml (無輸入預設 json)
Type	GET
Author	Geonet
Date	2021/07/01
Content-Type	Applicateion/json; charset=utf-8

Request-headers

Header	Value	Type	Required	Description

Request-parameters

Parameter	Type	Required	Example	Description
filters	JSON	False	filters={"Date":"2017-10-20"}	欄位過濾，僅接受 JSON 物件格式
sort	String	False	sort=Date[,desc asc]	欄位排序
limit	String	False	limit=10	回傳資料筆數
offset	Integer	False	offset=100	略過頭幾筆
fields	String	False	fields=	回傳欄位資料，以逗號分隔

Response-example

1. 200 (Without Parameter)

Request

https://gis.ardswc.gov.tw/api/ardswc/tiles/sentinel2/json

Parameter	Value

Response

[{ "Id": "0L-0009U", "CenterLatitude": 23.44902889, "CenterLongitude": 121.0040916, "AccessURL": "https://storage.geodac.tw/Tile/RSImage/Satellite/Sentinel2/20220115_121004092_0234490"

```
29_07_000_RSImage_Satellite_Sentinel2/",
  "Title": "",
  "ProjectNo": null,
  "ProjectName": null,
  "Date": "2022-01-15",
  "Class": "Sentinel2"
},
]
```

2. 200 with parameter

Request

<https://gis.ardswc.gov.tw/api/ardswc/tiles/sentinel2/json?limit=2&offset=100&fields=AccessURL,Date>

Parameter	Value
limit	2
offset	100
fields	AccessURL,Date

Response

```
[
  {
    "AccessURL":
    "https://storage.geodac.tw/Tile/RSImage/Satellite/Sentinel2/20200902_121004092_0234490
    29_07_000_RSImage_Satellite_Sentinel2/",
    "Date": "2020-09-02"
  },
  {
    "AccessURL":
    "https://storage.geodac.tw/Tile/RSImage/Satellite/Sentinel2/20200828_121004092_0234490
    29_07_000_RSImage_Satellite_Sentinel2/",
    "Date": "2020-08-28"
  }
]
```

3. 401 無授權

Response

```
{
  "error": {
    "id": "unauthenticated",
    "status": "401",
    "title": "Not log in",
```

```
"detail": "You are not logged in or using a valid access token."
```

```
}
```

```
}
```