



Unified API Catalog Development

Cooperative technical projects between IP Offices

Yongwoong KIM

Senior Program Officer, Infrastructure and Platforms Sector

Background

- The 8th session of the Committee on WIPO Standards (CWS)
 - Agreed on Task No. 56 which refers to the development of a unified API catalog
 - *Proposes to implement a unified catalog, which provides a list of those APIs which Offices expose externally.*
- API Task Force Meetings in 2022 and 2023
 - *The TF Members noted some potential opportunities and benefits of producing the unified API catalog.*

Current API Services of IP Offices

■ IP Offices are currently providing diverse API services

The screenshot shows the EUIPO API Portal. At the top, there is a navigation bar with 'Home', 'Getting started', 'API Products', 'Support', and 'FAQ'. Below this, the 'API Products' section is highlighted. A search bar contains the text 'EUIPO' and an 'Apply' button. Below the search bar, there are four product cards: 'Document Repository 1.0.0', 'EUTM Filing 1.0.0', 'Goods And Services 1.0.0', and 'Me 1.0.0'. Each card provides a brief description of the service.

The screenshot shows the Japanese Patent Office (JPO) API Information Website. The header includes the JPO logo and the text '特許庁 JAPAN PATENT OFFICE' and 'API Information Website Japanese'. Below the header, there is a navigation bar with 'What's New', 'Specifications', 'Terms of Use', 'Handbook', and 'Register'. The 'Specifications' section is highlighted, and a search bar contains the text 'JPO'. Below the search bar, there are two links: 'API Specification' and 'Status Codes list'.

The screenshot shows the Australian Government IP Australia API Developer Portal. The header includes the Australian Government logo and the text 'Australian Government IP Australia'. Below this, the 'API Developer Portal' is highlighted, with the subtitle 'Helping you find and use IP Australia's APIs'. A search bar contains the text 'IP Australia' and an 'Apply' button. Below the search bar, there are two API cards: 'Australian Design Search API' and 'Australian Patent Search API'.

The screenshot shows the USPTO APIs website. The header includes the text 'USPTO APIs' and the subtitle 'See what new APIs the US Patent and Trademark Office have come out today.' Below the header, there is a navigation bar with 'What is an API?' and 'Created something with our data?'. The 'What is an API?' section is highlighted, and a search bar contains the text 'USPTO'. Below the search bar, there are three API cards: 'Trademark Assignment Search Data', 'USPTO Office Action Weekly Zips API', and 'USPTO Enriched Citation API v2'.

The screenshot shows the USPTO website. The header includes the text 'What is an API?' and 'Created something with our data?'. Below the header, there is a navigation bar with 'What is an API?' and 'Created something with our data?'. The 'What is an API?' section is highlighted, and a search bar contains the text 'USPTO'. Below the search bar, there are three API cards: 'Trademark Assignment Search Data', 'USPTO Office Action Weekly Zips API', and 'USPTO Enriched Citation API v2'. There is also a 'Request an API key' button.

Current API Service: USPTO

Trademark Assignment Search Data

Version: 1.4

Use this API to retrieve trademark assignment information from the USPTO assignment search database and generate XML ...

- API Syntax
- View on client application
- API Documentation

Trademarks

View API details

USPTO Office Action Weekly Zips API

Version: v1

The United States Patent and Trademark Office (USPTO) Office Action Retrieval API provides access to the full-text in...

API Syntax

Patents

View API details

USPTO Enriched Citation API v2

Version: v2

The Enriched Citation API provides the IP5 and the public with greater insight into the patent evaluation process. ...

API Syntax

Patents

View API details

You will need a key to gain access to certain APIs.

Request an API key

TSDR Data API

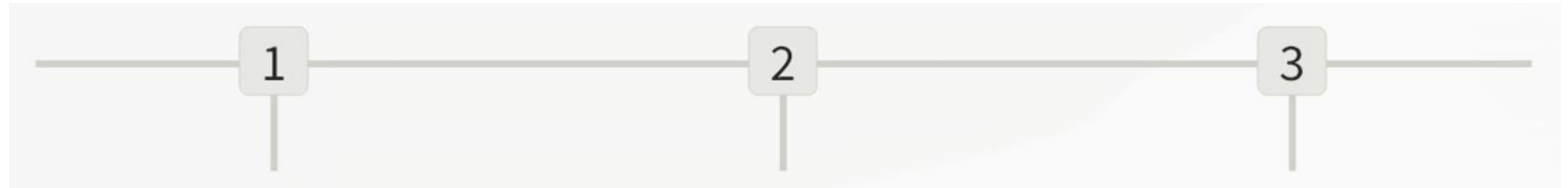
IP Marketplace Platform API

USPTO Office Action Text Retrieval API

Project Brief

- Objective: To build a catalog which will index APIs provided by IP institutions
- Target users: IP Information Users, IP Service(Data) Providers, IT Developers in IP fields, IP Policy makers
- Scope: List of APIs of IP offices or their subsidiary bodies as a first step
 - Pilot phase with 9 IP offices: CIPO, CNIPA, EPO, EUIPO, IP Australia, JPO, KIPO, UK IPO, USPTO
 - If feasible and agreeable, can be expanded to all IP offices providing API services, further more to diverse IP institutions including Industries

Main features of the API Catalog



Search Function

- Categorization
- Labelling
- Keyword

Search Result Display

- API Name
- Summary
- URL to link

Direct Link to each API page

EUTM Filing

1.0.0

Apply for a European Union trade mark.

EUTM Filing 1.0.0

Mock-up Screenshot: Search Function

WIPO

English ▾



IP Portal Login

Understand & Learn ▾

Find & Explore ▾

Protect & Manage ▾

Partner & Collaborate ▾

About WIPO ▾

Home > Breadcrumb > Breadcrumb > Breadcrumb

API Portal for IP

Welcome to the WIPO API catalog for IP. Here you will find multiple APIs that will help you to discover and work more efficiently with IP.

IP type

 ▾

Administration

 ▾

Value added information

 ▾

Show all filters ▾

ORGANIZATION

Timelines

- Jun. 2023: API TF agree on User Requirements
 - The IB and the TF members to study the best way for IPOs to implement
- Nov. 2023: Kick-off of the Catalogue Development Project
 - Research and Analysis of API Documents of IPOs
 - Guideline for IP offices to update their APIs and related documents
 - Design and Development of the API portal
- Mar. 2024: Trial operation of the Portal (Warranty Period)

Expected Benefits & Challenges

■ Benefits

- For IPOs: Promote APIs that they have developed and provided. Facilitate sharing information and Learn from the best practices of other IP offices
- For Users: Provide a single point of discovery for available IP Office services
- For CWS (API TF): Monitor how WIPO Standards ST. 90, 96 and 97 are implemented

■ Challenges

- Lack of common data fields in API Specification files by IP Offices
- Regular update of API information

Conclusion

- Thank you for your attention!
- Contact me at yongwoong.kim@wipo.int