

PEDS to ODP API Mapping

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PEDS to ODP API Mapping Objective

This document outlines the mapping between the PEDS API and the Open Data Portal (ODP) API. Use this mapping as a guide for migrating from the PEDS API to the ODP API.

Please note that an API key is required to access the ODP APIs. For instructions on how to obtain an API key, please visit the Getting Started page at <https://data.uspto.gov/apis/getting-started>

Mapping Documentation

PEDS	ODP
Swagger: https://ped.uspto.gov/api/swagger-ui.html#/ UI: https://ped.uspto.gov/peds/#/	Swagger: https://data.uspto.gov/swagger/index.html UI: https://data.uspto.gov/patent-file-wrapper API Documentation: https://data.uspto.gov/apis/patent-file-wrapper/search

PEDS CMS Data Controller

PEDS	ODP
CMS PDF Document Download: https://ped.uspto.gov/api/queries/cms/pdfDocument/{applicationId}/{documentIdentifier}	ODP supports downloading the documents associated with patent application in different formats PDF, XML, MS Word based on their availability. To download a document, user first needs to make a call to the Document Metadata API (https://api.uspto.gov/api/v1/patent/applications/{applicationNumberText}/documents) Document Metadata API returns 'downloadUrl' associated with each document type for each document code. Example: { "applicationNumberText": "16123123", "officialDate": "2020-08-28T17:17:43.000-0400", "documentIdentifier": "KEEQMGWJLDLYX4", "documentType": "PDF", "downloadUrl": "https://data.uspto.gov/documents/16123123/PDF", "fileSize": 1234567890, "lastModified": "2020-08-28T17:17:43.000-0400", "mimeType": "application/pdf", "pageCount": 1234567890, "status": "OK", "version": "1.0"} The 'downloadUrl' field contains the URL to download the document in PDF format.



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PEDS	ODP
	<pre>"documentCode": "APP.FILE.REC", "documentCodeDescriptionText": "Filing Receipt", "directionCategory": "OUTGOING", "downloadOptionBag": [{ "mimeTypeIdentifier": "PDF", "downloadUrl": "https://api.uspto.gov/api/v1/download/applications/16123123/KEEQMGWJLDFLYX4.pdf", "pageTotalQuantity": 4 }]</pre> <p>To download the document mentioned in the downloadUrl, you will need to pass the API key.</p>
CMS document Metadata API: https://ped.uspto.gov/api/queries/cms/public/{applicationId}	ODP document Metadata API: https://api.uspto.gov/api/v1/patent/applications/{applicationNumberText}/documents

PEDS Home Controller

PEDS	ODP
Returns a list of links to resources available in the HATEAOS style: /	Not Supported
Downloads all the data in PBD as a single file https://ped.uspto.gov/api/full-download?fileName={fileName}	ODP releases weekly Patent File Wrapper full datasets early Monday that includes changes made up until Sunday.

PEDS	ODP
	<p>Use the below API to get the full data files:</p> <p>https://api.uspto.gov/api/v1/datasets/products/PTFWPRE</p> <p>Ex:</p> <pre>{ "fileName": "2021-2025-patent-filewrapper-full-json.zip", "fileSize": 8930038267, "fileDataFromDate": "2021-01-01", "fileDataToDate": "2025-12-31", "fileTypeText": "Data", "fileDownloadURI": "https://beta- api.uspto.gov/api/v1/datasets/products/files/PTFWPRE/2021-2025-patent- filewrapper-full-json.zip", "fileReleaseDate": "2025-02-02 01:54:00", "fileDate": "2025-02-02 00:00:00", "fileLastModified": "2025-02-07 01:27:00" }</pre> <p>ODP releases a daily delta file every day of the week. Use the below API to get the daily delta files:</p> <p>https://api.uspto.gov/api/v1/datasets/products/PTFWPRD</p> <p>Ex:</p> <pre>{ "fileName": "patent-filewrapper-delta-friday-json.zip", "fileSize": 153702753, "fileDataFromDate": "2025-01-24", "fileDataToDate": "2025-01-24", "fileTypeText": "Data", "fileDownloadURI": "https://beta- api.uspto.gov/api/v1/datasets/products/files/PTFWPRD/patent-filewrapper- delta-friday-json.zip", "fileReleaseDate": "2025-01-25 00:15:00", "fileDate": "2025-01-24 00:00:00", "fileLastModified": "2025-01-30 19:45:00" }</pre> <p>To download the document mentioned in the fileDownloadURI you will need to pass the API key.</p>

PEDS	ODP
Returns a list of schema fields, as well as frequency and sample values. https://ped.uspto.gov/api/search-fields	Not Supported However, the schema file https://data.uspto.gov/documents/documents/patent-data-schema.json will provide all the data attributes returned by Patent File Wrapper APIs.
Returns a list of solr search parameters available for use. https://ped.uspto.gov/api/search-params	Not Supported However, please visit the https://data.uspto.gov/apis/patent-file-wrapper/search to see all the data attributes supported by the API. Please refer https://data.uspto.gov/documents/documents/ODP-API-Query-Spec.pdf for the syntax

PEDS Query Controller

PEDS	ODP
Provides search capabilities https://ped.uspto.gov/api/queries	Provides search capabilities https://api.uspto.gov/api/v1/patent/applications/search To learn more about different search capabilities, please visit https://data.uspto.gov/apis/patent-file-wrapper/search To try the API, you can visit Swagger Page https://data.uspto.gov/swagger/index.html#/



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PEDS	ODP
	Please use Authorize button to specify your Api Key, and it will let you run the APIs.
PEDS provides a multi-step process to package and download the data. https://ped.uspto.gov/api/queries https://ped.uspto.gov/api/queries/{queryId}/package https://ped.uspto.gov/api/queries/{queryId}/download	Packaging of data is not supported. However, ODP API provides a simple download function that can support maximum of 6MB data. https://api.uspto.gov/api/v1/patent/applications/search/download
PEDS provides retrieving the query results based on queryId. https://ped.uspto.gov/api/queries/{queryId}/results	Not Supported
PEDS provides support to query the data using Application Number. https://ped.uspto.gov/api/queries/application/data?applicationNo={applicationNo}	ODP provides the support for querying the application number. https://api.uspto.gov/api/v1/patent/applications/{applicationNumberText}/
Returns PEDS environment variables https://ped.uspto.gov /queries/peds-vars	Not Supported