

BDSS to ODP API Mapping



UNITED STATES
PATENT AND TRADEMARK OFFICE ®

Contents

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BDSS to ODP Mapping Objective

This document provides users with available resources in the Open Data Portal (ODP) to utilize and transition from resources in Bulk Data Storage System (BDSS).

Available Documentation

| BDSS | ODP |
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| Swagger: https://bulkdata.uspto.gov/BDSS-API-SWAGGER/ UI: https://bulkdata.uspto.gov/ https://developer.uspto.gov/data | Swagger: https://data.uspto.gov/swagger/index.html API Documentation: https://data.uspto.gov/apis/bulk-data/search |

Product Endpoints

| BDSS | ODP |
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| Returns all products with latest Files /products/all/latest | ODP supports the same functionality using below /api/v1/datasets/products/search?latest=true |
| Returns files associated with products (of level PRODUCT) based on their full or partial name /products/byname/{productName} | ODP provides searching the products by different attributes. /api/v1/datasets/products/search?productTitle=Grants |

| BDSS | ODP |
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| Returns popular products along with latest files /products/popular | Not Supported |
| Returns products' hierarchical tree /products/tree | Not Supported. ODP simplified the products so that each product is independently discoverable. |
| Returns products' hierarchical subtree /products/tree/{shortName} | Not Supported |
| Returns products along with their associated files by short names /products/{shortName} | /products/{productId} |
| Returns products along with their latest files by short names /products/{shortName}/latest | /products/{productId}?latest=true |

Product Map

| BDSS | ODP's Bulk Data Directory |
|---|--|
| <p>Title: Patent Official Gazettes (JUL 2, 2002 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/officialgazette/2002</p> <p>https://bulkdata.uspto.gov/data/patent/officialgazette/2025</p> | <p>Title: Patent Official Gazettes</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/GZLST</p> <p>Short Name: GZLST</p> |
| <p>Title: Patent Grant Full Text Data with Embedded TIFF Images (JAN 2001 - PRESENT) (Grant Red Book based on WIPO ST.36)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/2002</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/2025</p> | <p>Title: Patent Grant Full Text Data with Embedded TIFF Images (Application Red Book based on WIPO ST.36) – XML</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTGRDT</p> <p>Short Name: PTGRDT</p> |
| <p>Title: Patent Grant Full Text Data with Embedded TIFF Images (JAN 2001 - PRESENT) (Grant Red Book based on WIPO ST.36)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/2001</p> | <p>Title: Patent Grant Full Text Data with Embedded TIFF Images (Application Red Book based on WIPO ST.36) - SGML</p> <p>Webpage Links:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTGRDSGM</p> <p>Short Name: PTGRDSGM</p> |

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| <p>Title: Patent Grant Full Text Data (No Images) (JAN 1976 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2002</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2025</p> | <p>Title: Patent Grant Full-Text Data (No Images) - XML</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTGRXML</p> <p>Short Name: PTGRXML</p> |
| <p>Title: Patent Grant Full Text Data (No Images) (JAN 1976 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/1971</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2001</p> | <p>Title: Patent Grant Full-Text Data (No Images) - APS</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTGRAPS</p> <p>Short Name: PTGRAPS</p> |
| <p>Title: Patent Grant Full Text Data (No Images) (JAN 1976 - PRESENT)</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2001</p> | <p>Title: Patent Grant Full-Text Data (No Images) - SGML</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTGRSGM</p> <p>Short Name: PTGRSGM</p> |

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| <p>Title: Patent Grant Bibliographic (Front Page) Text Data (JAN 1976 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/bibliographic/2002</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/bibliographic/2025</p> | <p>Title: Patent Grant Bibliographic (Front Page) Text Data - XML</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTBLXML</p> <p>Short Name: PTBLXML</p> |
| <p>Title: Patent Grant Bibliographic (Front Page) Text Data (JAN 1976 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/bibliographic/1976</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/bibliographic/2001</p> | <p>Title: Patent Grant Bibliographic (Front Page) Text Data - APS</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTBLAPS</p> <p>Short Name: PTBLAPS</p> |
| <p>Title: Patent Grant Bibliographic (Front Page) Text Data (JAN 1976 - PRESENT)</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/grant/redbook/bibliographic/2001</p> | <p>Title: Patent Grant Bibliographic (Front Page) Text Data - SGML</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTBLSGM</p> <p>Short Name: PTBLSGM</p> |

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| <p>Title: Patent Application Full Text Data with Embedded TIFF Images (MAR 15, 2001 - PRESENT) (Application Red Book based on WIPO ST.36)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook/2001</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook/2025</p> | <p>Title: Patent Application Full Text Data with Embedded TIFF Images (Application Red Book based on WIPO ST.36)</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/APPDT</p> <p>Short Name: APPDT</p> |
| <p>Title: Patent Application Full Text Data (No Images) (MAR 15, 2001 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2001</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2025</p> | <p>Title: Patent Application Full-Text Data (No Images)</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/APPXML</p> <p>Short Name: APPXML</p> |
| <p>Title: Patent Assignment XML (Ownership) Text (AUG 1980 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/assignment</p> | <p>Title: Patent Assignment XML (Ownership) Text - Annual</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PASYSR</p> <p>Short Name: PASYSR</p> |

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| <p>Title: Cooperative Patent Classification (CPC) Master Classification File (MCF) for U.S. Patent Applications (MAR 2001 – DEC 2024)</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/patent/classification/cpc/</p> | <p>Title: Cooperative Patent Classification (CPC) Master Classification Files for U.S. Patent Applications</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/CPCMCAPP Short Name: CPCMCAPP</p> |
| <p>Title: Patent and Patent Application Classification Information (Current) available monthly</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/patent/classification/cpc/</p> | <p>Title: Cooperative Patent Classification (CPC) Master Classification Files for U.S. Patent Grants</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/CPCMCPT Short Name: CPCMCPT</p> |
| <p>Title: Trademark Full Text XML Data (No Images) - Applications</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/trademark/dailyxml/applications/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Daily Applications</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/TRTDXFAP Short Name: TRTDXFAP</p> |

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| <p>Title: The Artificial Intelligence Patent Dataset (AIPD) for Academia and Researchers</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/ai/landscape/economics/2020</p> <p>https://bulkdata.uspto.gov/data/patent/ai/landscape/economics/2023</p> | <p>Title: The Artificial Intelligence Patent Dataset (AIPD) for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/ECOPATAI</p> <p>Short Name: ECOPATAI</p> |
| <p>Title: Patent and Patent Application Oath Signature Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/oath/signature/2022</p> | <p>Title: Patent and Patent Application Oath Signature Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTAPOATH</p> <p>Short Name: PTAPOATH</p> |
| <p>Title: Patent and Patent Application Claims Research Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/claims/economics/2014</p> | <p>Title: Patent and Patent Application Claims Research Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTAPPCLM</p> <p>Short Name: PTAPPCLM</p> |

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| <p>Title: Patent Application Office Actions Research Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/office/actions/bigdata/2017</p> | <p>Title: Patent Application Office Actions Research Dataset for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTOFFACT</p> <p>Short Name: PTOFFACT</p> |
| <p>Title: Patent Litigation Docket Report Data Files for Academia and Researchers</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/litigation/2015</p> <p>https://bulkdata.uspto.gov/data/patent/litigation/2016</p> <p>https://bulkdata.uspto.gov/data/patent/litigation/2020</p> | <p>Title: Patent Litigation Docket Report Data Files for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/PTLITIG</p> <p>Short Name: PTLITIG</p> |
| <p>Title: Historical Patent Data Files for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/historical/2014</p> | <p>Title: Historical Patent Data Files for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/HISTEXC</p> <p>Short Name: HISTEXC</p> |
| <p>Title: Patent Grant Multi-Page PDF Images (JUL 31, 1790 - PRESENT)</p> | <p>Title: Patent Grant Multi-page PDF Images</p> <p>Webpage Link:</p> |

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| <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/application/multipag epdf/2001</p> <p>https://bulkdata.uspto.gov/data/patent/application/multipag epdf/2025</p> | <p>https://data.uspto.gov/bulkdata/datasets/APPMP2</p> <p>Short Name: PTGRMP2</p> |
| <p>Title: Patent Application Multi-Page PDF Images (MAR 15, 2001 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/application/multipag epdf/2001</p> <p>https://bulkdata.uspto.gov/data/patent/application/multipag epdf/2025</p> | <p>Title: Patent Application Multi-Page PDF Images</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/APPMP2</p> <p>Short Name: APPMP2</p> |
| <p>Title: Patent Application Bibliographic (Front Page) Data (MAR 15, 2001 - PRESENT)</p> <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook /bibliographic/2001</p> <p>https://bulkdata.uspto.gov/data/patent/application/redbook /bibliographic/2025</p> | <p>Title: Patent Application Bibliographic (Front Page) Data</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/APPBLXML</p> <p>Short Name: APPBLXML</p> |

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| <p>Title: Patent Assignment XML (Ownership) Text (AUG 1980 - PRESENT)</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/patent/assignment</p> | <p>Title: Patent Assignment XML (Ownership) Text - Daily</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/PASDL</p> <p>Short Name: PASDL</p> |
| <p>Title: Patent Maintenance Fee Events (SEP 1, 1981 - PRESENT)</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/patent/maintenancefee</p> | <p>Title: Patent Maintenance Fee Events</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/PTMNFEE2</p> <p>Short Name: PTMNFEE2</p> |
| <p>Title: Trademark Full Text XML Data (No Images) - Applications</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/trademark/dailyxml/applications/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Annual Applications</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/TRTYRAP</p> <p>Short Name: TRTYRAP</p> |
| <p>Title: Trademark Full Text XML Data (No Images) – Assignments</p> <p>Webpage Link: https://bulkdata.uspto.gov/data/trademark/dailyxml/assignments/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Daily Assignments</p> <p>Webpage Link: https://data.uspto.gov/bulkdata/datasets/TRTDXFAG</p> <p>Short Name: TRTDXFAG</p> |

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| <p>Title: Trademark Full Text XML Data (No Images) – Assignments</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/trademark/dailyxml/assignments/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Annual Assignments</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/TRTYRAG</p> <p>Short Name: TRTYRAG</p> |
| <p>Title: Trademark Trial and Appeal Board (TTAB)</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/trademark/dailyxml/ttab/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Daily TTAB</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/TTABTDXF</p> <p>Short Name: TTABTDXF</p> |
| <p>Title: Trademark Trial and Appeal Board (TTAB)</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/trademark/dailyxml/ttab/</p> | <p>Title: Trademark Full Text XML Data (No Images) – Annual TTAB</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/TTABYR</p> <p>Short Name: TTABYR</p> |
| <p>Title: Patent Assignment Data for Academia and Researchers</p> <p>Webpage Links:</p> | <p>Title: Patent Assignment Data for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/ECORSEXC</p> |

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| https://bulkdata.uspto.gov/data/patent/assignment/economics/2014 https://bulkdata.uspto.gov/data/patent/assignment/economics/2015 https://bulkdata.uspto.gov/data/patent/assignment/economics/2016 https://bulkdata.uspto.gov/data/patent/assignment/economics/2017 https://bulkdata.uspto.gov/data/patent/assignment/economics/2019 https://bulkdata.uspto.gov/data/patent/assignment/economics/2020 https://bulkdata.uspto.gov/data/patent/assignment/economics/2021 https://bulkdata.uspto.gov/data/patent/assignment/economics/2022 https://bulkdata.uspto.gov/data/patent/assignment/economics/2023 | Short Name: ECORSEXC |
| Title: Patent Examination Research Dataset (PatEx) for Academia and Researchers | Title: Patent Examination Research Dataset (PatEx) for Academia and Researchers |

| BDSS | ODP's Bulk Data Directory |
|---|--|
| <p>Webpage Links:</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2014</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2015</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2016</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2017</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2019</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2020</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2021</p> <p>https://bulkdata.uspto.gov/data/patent/pair/economics/2022</p> | <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/ECOPAIR</p> <p>Short Name: ECOPAIR</p> |
| <p>Title: Cancer Moonshot Patent Data Files for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://bulkdata.uspto.gov/data/patent/cancer/moonshot/2016</p> | <p>Title: Cancer Moonshot Patent Data Files for Academia and Researchers</p> <p>Webpage Link:</p> <p>https://data.uspto.gov/bulkdata/datasets/MOONSHOT</p> <p>Short Name: MOONSHOT</p> |
| <p>Title: Trademark Assignment Data for Academia and Researchers</p> | <p>Title: Trademark Assignment Data for Academia and Researchers</p> |

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| Webpage Link: https://bulkdata.uspto.gov/data/trademark/assignment/economics/2023 | Webpage Link: https://data.uspto.gov/bulkdata/datasets/TRASECO Short Name: TRASECO |
| Title: Trademark Case File Data for Academia and Researchers Webpage Link: https://bulkdata.uspto.gov/data/trademark/casefile/economics/2023 | Title: Trademark Case File Data for Academia and Researchers Webpage Link: https://data.uspto.gov/bulkdata/datasets/TRCFECO2 Short Name: TRCFECO2 |