



Informatica® AddressDoctor
1.3.0

Database Download Manager Guide

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Preface

Welcome to the *Informatica AddressDoctor Database Download Manager User Guide*. This guide provides an overview of the Informatica AddressDoctor® Database Download Manager and explains the processes that you can follow to download Informatica reference address databases.

Informatica Resources

Informatica Network

Informatica Network hosts Informatica Global Customer Support, the Informatica Knowledge Base, and other product resources. To access Informatica Network, visit <https://network.informatica.com>.

As a member, you can:

- Access all of your Informatica resources in one place.
- Search the Knowledge Base for product resources, including documentation, FAQs, and best practices.
- View product availability information.
- Review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to search Informatica Network for product resources such as documentation, how-to articles, best practices, and PAMs.

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Informatica Product Availability Matrixes

Product Availability Matrixes (PAMs) indicate the versions of operating systems, databases, and other types of data sources and targets that a product release supports. If you are an Informatica Network member, you can access PAMs at

<https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services. Developed from the real-world experience of hundreds of data management projects, Informatica Velocity represents the collective knowledge of our consultants who have worked with organizations from around the world to plan, develop, deploy, and maintain successful data management solutions.

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If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

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Informatica Global Customer Support

You can contact a Global Support Center by telephone or through Online Support on Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<http://www.informatica.com/us/services-and-training/support-services/global-support-centers>.

If you are an Informatica Network member, you can use Online Support at <http://network.informatica.com>.

CHAPTER 1

Introduction to Informatica AddressDoctor Database Download Manager

This chapter includes the following topics:

- [Informatica AddressDoctor Database Download Manager Overview, 8](#)
- [Informatica Passport, 9](#)
- [Reference Databases and Packages, 9](#)
- [Working with Configuration Files, 10](#)
- [Smart Download and Overwrite Options, 14](#)

Informatica AddressDoctor Database Download Manager Overview

Use Informatica AddressDoctor Database Download Manager to select and download the reference databases that enable on-premises address verification. Database Download Manager is available on the web and as a Java-based client application.

The Database Download Manager web page and client application are integrated with the Informatica Passport single sign-on solution. You can download the client application from the web page.

You can use your Informatica Passport user profile to seamlessly access Informatica tools and portals, including Database Download Manager and the Data Quality Center. If you do not have a user profile, create a profile and assign one or more Data Quality Center accounts to the profile before you use Database Download Manager.

When you install the client application, you can download the reference databases through the client user interface or on the command line. Database Download Manager lists all of the reference databases that AddressDoctor supports. You can filter the list to view the databases that the Data Quality Center accounts associated with the current profile are authorized to download. You obtain download rights for reference databases when you buy unlock codes for the databases.

Informatica Passport

Informatica Passport provides seamless access to various Informatica applications and solutions, including the Data Quality Center and Database Download Manager. Informatica Passport and Database Download Manager are integrated through the Security Assertion Markup Language (SAML) data format.

If you do not have an Informatica Passport user profile, click the **Register** link at <https://dq.addressdoctor.com/SSO> and create an account. For more information about creating a user profile, see the *Data Quality Center User Guide*.

Note: Database Download Manager displays no database to download in the following scenarios:

- Your user profile is not associated with a Data Quality Center account.
- The Data Quality Center account that is associated with your user profile has no valid unlock codes.

Reference Databases and Packages

Informatica reference databases are proprietary-format database files that contain reference addresses from countries and territories that Informatica supports for address verification. The reference databases are read-only and platform-independent.

The database file names have the following format:

DB5_XXXXZZZZ_NN_YYMMDD.zip

You can interpret the file names in the following way:

- **XXX** denotes the ISO 3166-1 alpha 3 code for the country or territory to which the reference data applies. For example, **USA** for the United States.
- **Y** denotes the primary product version. For example, **5**.
- **ZZZZ** denotes the reference database type. For example, **BI** for Batch and Interactive and **GCAP** for arrival point geocoding.
- **NN** denotes the iteration of the file. Most files have the iteration number **01**. Some countries use iteration numbers to identify files with additional data.

You download the files in compressed (zip) format. The zip file names follow a similar naming convention to the database file names. The zip file names also include the day, month, and year on which Informatica created the file.

Address Verification provides the following types of reference database:

BI

Batch and interactive data.

FC

Fast completion data.

Cx

Certified data. The x character represents a number. For example, **DB5_CAN5C1_01_150201.zip** contains a SERP-certified reference address database for Canada.

AC

Address code lookup data.

GC

Standard geocoding data.

GCAP

Arrival point geocoding data.

CA

CAMEO data.

Ex

Supplementary data. The x character represents a number. For example, `DB5_FRA5E1_01_181101.zip` contains the supplementary reference address database for France address enrichments.

You might download multiple reference address databases for a country.

Most countries use a single version of each database file. However, a country might have multiple version of a file. An ID number such as `01`, `02`, or `03`, in the zip package name identifies the version of the database file.

For example, the reference data zip files that you can download for Australia can include the two-digit codes `_01` and `_02` in the file names. Select the `_02` version of the file to download reference data that includes sub-building data. Select the `_01` version of the file to download reference data without sub-building data.

Unlock Codes

You need valid unlock codes for the database that you download.

The following table describes the unlock code types that the databases require:

Unlock Code Type	Description
VALIDATION	Unlock code for batch and interactive and fast completion databases.
GEO_STANDARD	Unlock code for standard geocoding databases.
GEO_ARRIVAL_POINT	Unlock code for arrival point geocoding databases.
CAMEO	Unlock code for CAMEO databases.
ADDRESS_CODE_LOOKUP	Unlock code for address code lookup databases.
SINGLE_LINE_VALIDATION	Unlock code for single line address validation feature.
SUPPLEMENTARY	Unlock code for supplementary databases that contain information about country-specific enrichments.

Working with Configuration Files

The Database Download Manager uses properties files to configure a set of default options for download operations. You can run the Database Download Manager with the current file options, or you can update the options at any time.

The Database Download Manager uses the following files:

- `config.properties`. Defines the default download settings for the Database Download Manager client application and the command line.

- `download.xml`. Lists the files that the Database Download Manager will try to download by default.
- `downloadhistory.xml`. Lists the most recent set of files that you downloaded.

The Database Download Manager creates the `config.properties` file when you install the application. The Database Download Manager creates the other files when you perform your first download.

Configuration Properties File

The Database Download Manager reads configuration information from the `config.properties` file. The Database Download Manager reads the file to set the default download options when you log in to the Database Download Manager client. The file also sets the options that the Database Download Manager uses when you download data on the command line. You can update the options in the client and on the command line before you download data.

The Database Download Manager searches for the `config.properties` file when you log in to the client. If the Database Download Manager cannot find a copy of the file, it creates the file. Whenever you update the settings in the client application, you update the associated properties in the file. You also update the file properties when you download data on the command line with a `-Remember` option of `yes`. You can update the file properties in a text editor at any time.

The Database Download Manager applies an AND relationship to the file properties. By default, the Database Download Manager downloads the files that meet all of the criteria that the properties specify.

Configuration Properties

The first time you log in to the Database Download Manager, the Database Download Manager creates an instance of the properties file in the client installation directory.

The file contents have the following appearance:

```
#Wed Sep 17 20:00:57 IST 2014
DownloadDirectory=C:\Downloadtool\Downloads
token=9f7*****6e1
DownloadType=All
OverWrite=No
UserName=ADMUser@YourDomain.com
EngineVersion=5.4.0
Smart=Yes
FileType=ALL
Country=ALL;
```

The Database Download Manager populates the following values in the properties file:

DownloadDirectory

The directory to which Database Download Manager downloads the reference databases. If you do not specify a download location, the Database Download Manager creates a directory called `Downloads` in the client installation directory.

token

The system-generated access code that Informatica AddressDoctor assigns to a user when the user logs in to the Database Download Manager client application for the first time. A token is valid for one year.

Note: To add a token to the properties file, select **Remember Me** when you log in to the client application.

DownloadType

The type of file download that the Database Download Manager performs. Supported values are `All` and `Custom`. When `DownloadType` is set to `All`, the Database Download Manager downloads all the files that you are authorized to download. When `DownloadType` is set to `Custom`, the client downloads only those files that the `download.xml` file specifies. Default is `ALL`.

OverWrite

The update policy that the Database Download Manager applies to current database files in the download directory. Supported values are **Yes** and **No**. When **OverWrite** is set to **Yes**, the Download Manager overwrites any file in the download directory if the download operation specifies the same file. Default is **no**.

UserName

The user name that you use to log in.

EngineVersion

The on-premises AddressDoctor version that you specify. Specify the version with which you will use the files that you download.

Smart

The policy that the Database Download Manager applies to smart downloads. Supported values are **Yes** and **No**. When smart download is set to **Yes**, the Database Download Manager checks the `downloadhistory.xml` file to identify the files that you previously downloaded and downloads any absent or newer version of each file. Default is **yes**.

FileType

The type of database, such as **BI** (batch and interactive) or **FC** (fast completion), that you want to download. Default is **ALL**.

Country

The ISO code of each country for which you want to download databases. Default is **ALL**, for all countries.

RELATED TOPICS:

- [“Data Download on the Command Line Overview ” on page 23](#)

Download Properties File

The download file, `download.xml`, contains a list of databases that you can use as a default list when you run the Download Manager on the command line. Before you download one or more reference databases on the command line, verify that the `download.xml` file lists the databases that you need. Add or delete reference databases from the `download.xml` file if necessary.

Find the file in the directory to which you saved the `DownloadTool.jar` file. When you download reference databases through the client application, the Download Manager creates a `download.xml` file in the `DownloadTool.jar` directory if one does not exist there.

Download File Example

The download file lists each country for which you want to download data and the name of the database that you require in the country. The file lists the country and database name in pairs. If you download more than one database for a country, the file repeats the country name for each database. The download file also contains a time stamp that shows the time when you last updated the download list.

The following example shows the XML structure of a `download.xml` file:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
  <FiletoDownloadQueue>
    <DlFileStructure>
      <countryName>United States</countryName>
      <fileName>DB5_USA5FC_131101.zip</fileName>
    </DlFileStructure>
  </DlFileStructure>
```

```

        <countryName>United States</countryName>
        <fileName>DB5_USA5BI_131101.zip</fileName>
    </DlFileStructure>
    <DlFileStructure>
        <countryName>France</countryName>
        <fileName>DB5_FRA5BI_131101.zip</fileName>
    </DlFileStructure>
    <DlFileStructure>
        <countryName>France</countryName>
        <fileName>DB5_FRA5FC_131101.zip</fileName>
    </DlFileStructure>
    <DlFileStructure>
        <countryName>Germany</countryName>
        <fileName>DB5_DEU5FC_131101.zip</fileName>
    </DlFileStructure>
    <DlFileStructure>
        <countryName>United Kingdom</countryName>
        <fileName>DB5_GBR5FC_131101.zip</fileName>
    </DlFileStructure>
    <Created>2014/07/27 16:31:42</Created>
</FiletoDownloadQueue>

```

The download.xml file above lists the following countries and files:

- United States. Batch and interactive database and fast completion database.
- France. Batch and interactive database and fast completion database.
- Germany. Fast completion database.
- United Kingdom. Fast completion database.

RELATED TOPICS:

- [“Data Download on the Command Line Overview ” on page 23](#)

Download History File

The downloadhistory.xml file contains information about the most recent set of database files that you downloaded.

The Database Download Manager client application creates the downloadhistory.xml file when you first download reference address databases through the client application. The Database Download Manager creates the downloadhistory.xml file in the client installation directory. If you modify your database selections in subsequent downloads, the Database Download Manager client updates the downloadhistory.xml file to include the databases that you downloaded.

The following example shows a downloadhistory.xml file:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<DownloadDetail>
    <FileDownloadInfo>
        <countryName></countryName>
        <fileName>DB5_CAN5FC_140901.zip</fileName>
        <status>Downloaded</status>
        <downloadDate>2014/09/17 11:19:11</downloadDate>
    </FileDownloadInfo>
    <FileDownloadInfo>
        <countryName></countryName>
        <fileName>DB5_USA5BI_140901.zip</fileName>
        <status>Downloaded</status>
        <downloadDate>2014/09/17 11:19:45</downloadDate>
    </FileDownloadInfo>
    <FileDownloadInfo>
        <countryName></countryName>
        <fileName>DB5_CAN5C1_140901.zip</fileName>
        <status>Downloaded</status>
    </FileDownloadInfo>

```

```
<downloadDate>2014/09/17 11:20:28</downloadDate>
</FileDownloadInfo>
</DownloadDetail>
```

The downloaded files in the example include Canada fast completion and certified databases and United States batch and interactive databases.

Smart Download and Overwrite Options

The Download Manager includes options that you can use to define a policy for adding or replacing files in the download directory. Enable the smart download option to update only the databases that you have downloaded previously. Enable the overwrite option to permit the Database Download Manager to overwrite current files in the download directory.

You must verify or set the smart download and overwrite options in the `config.properties` file before you download reference database files.

Smart Download

When you enable the smart download option, the Database Download Manager checks the `downloadhistory.xml` file associated with your user profile and downloads any absent or newer versions of the databases that the file specifies. The Database Download Manager does not download a database on the `downloadhistory.xml` file list if the database is present in the download directory and if a newer version of the database is not available. The smart download option is enabled by default.

When you disable the smart download option, the Database Download Manager client downloads all of the databases that your settings specify, including any previously downloaded database.

Overwrite

When you select the overwrite option, the Database Download Manager can overwrite files in the download directory. The Database Download Manager does not overwrite files in the download directory unless you configure the client to overwrite the files. The overwrite option is disabled by default.

Note: If you enable both smart download and overwrite, the Database Download Manager downloads and overwrites only those files that are listed in the `downloadhistory.xml` file. If you do not enable the overwrite option, the Database Download Manager cannot overwrite any file in the download directory.

CHAPTER 2

Database Download Manager On the Web

This chapter includes the following topics:

- [Database Download Manager Web Page Overview, 15](#)
- [Opening the Database Download Manager Web Page, 15](#)
- [Viewing the Database Download Manager Web Page, 16](#)
- [Downloading a Reference Address Database, 18](#)
- [Downloading the Client Application, 18](#)

Database Download Manager Web Page Overview

You can download one reference database at a time from the Database Download Manager web page. You can also use the Database Download Manager web page to download the Database Download Manager client application, Informatica AddressDoctor software packages, and Informatica AddressDoctor documentation.

By default, the Database Download Manager web page displays the list of reference address databases that your Informatica Passport user profile is authorized to download. You can also view the complete list of reference databases that Informatica provides.

Opening the Database Download Manager Web Page

Your Informatica Passport user profile credentials give you access to the Database Download Manager.

1. Log in to the Database Download Manager at the following url:
<https://download.addressdoctor.com>
2. Click the **AddressDoctor Database Download Manager** option.
The Database Download Manager web page appears.

Viewing the Database Download Manager Web Page

The Database Download Manager web page displays a range of options that you can use to select and download reference databases and to perform other actions.

The following image shows the Database Download Manager web page:

[Database Download](#) | [Other Downloads](#) | [Support](#) | [Contact us](#) | [Dashboard](#) | [Logout](#)

Welcome SHAHANI MENDONCA (SMENDONCA@INFORMATICA.COM)

Download Country Databases

This page lists all reference address databases that are currently available for Informatica AddressDoctor customers. You can download only those databases for which you have purchased unlock codes.

A ▶ mark indicates the databases that are updated in the last release.

By default, the portal displays only those databases that your account is authorized to download. Uncheck the "Show Allowed" check box to view the complete list of databases.

Country:
All countries
Afghanistan
Albania
Algeria
Andorra

Database Type:
All FileTypes
Batch-Interactive
FastCompletion
GeoCoding
Point GeoCoding Arrival Point

Database Updates For
All Releases

Version:
5.8.0
5.9.0
5.10.0
5.11.0
5.12.0 and later

☒ Show Allowed

Apply Filter

Total 830 records found in your search.

Country	File Type	DB Release Date	Supported Versions	File Name	Download Link	Accounts
Afghanistan	Afghanistan Batch/Interactive	July-2017	All Versions	DB5_AFG5BI_01_170701.zip	Download	88111
Afghanistan	Afghanistan Fast Completion	July-2017	All Versions	DB5_AFG5FC_01_170701.zip	Download	88111
▶ Afghanistan	Afghanistan Geocoding	May-2018	All Versions	DB5_AFG5GC_01_180501.zip	Download	88111
Albania	Albania Batch/Interactive	October-2017	All Versions	DB5_ALB5BI_01_171001.zip	Download	88111
Albania	Albania Fast Completion	October-2017	All Versions	DB5_ALB5FC_01_171001.zip	Download	88111
▶ Albania	Albania Geocoding	May-2018	All Versions	DB5_ALB5GC_01_180501.zip	Download	88111
Algeria	Algeria Batch/Interactive	June-2017	All Versions	DB5_DZA5BI_01_170601.zip	Download	88111
Algeria	Algeria Fast Completion	June-2017	All Versions	DB5_DZA5FC_01_170601.zip	Download	88111

Filter Options

Use the following options to filter the databases:

Country

The name of the country for which you want to view or download reference address databases.

Database Type

The type of reference address database that you want to view or download. For example, Batch and Interactive or Fast Completion.

Database Updates For

The release date of the reference address databases that you want to view or download.

You can choose the following options:

- All Releases. Any update available for the databases that meet the specified criteria, regardless of the age of the database files. This is the default option.
- Current Release. Any eligible file updated in the latest database release cycle.
- Last 2 Releases. Any eligible file updated in the last two database release cycles.
- Last 3 Releases. Any eligible file updated in the last three database release cycles.

Version

The AddressDoctor engine version with which you will use the databases that you download. The Download Manager can filter out the databases that are not compatible with the version that you select.

Show Allowed

Hides any database that you are not permitted to download. To view the complete list of reference databases that are available from Informatica, clear the option.

Database Information

The Database Download Manager web page displays the following details about the reference databases:

Country

The country name.

File Type

The database type, such as Batch and Interactive or Fast Completion.

DB Release Date

The date on which the database was released.

Supported Versions

The AddressDoctor engine version with which the database is compatible.

File Name

The database file name.

Download Link

The link that you can use to download the database.

Accounts

The Data Quality Center account to which the database unlock code applies.

Downloading a Reference Address Database

Use the Database Download Manager web page to download one reference address database at a time.

1. Verify or update the filter options.
2. Optionally, click **Apply Filter**.

The Database Download Manager web page returns a list of databases based on the criteria you specified.

3. Click the download link for the database that you want to download.

Downloading the Client Application

You can download the Database Download Manager client application from the Database Download Manager web page.

You must install version 8 of the Java SE Runtime Environment on the machine on which you run the client application. Configure the Java security settings to grant the client application the necessary permissions to download files.

The client application communicates over port 80 and 443. You must configure the necessary permissions to grant the client application access to these ports.

1. In the Database Download Manager web page, click the **Other Downloads** tab.
The **Other Downloads** page appears.
2. Click the **ADM Client** link.
3. Click **Save** or **Save As** based on your browser settings.

The application downloads in a zip file.

After you download, extract the contents of the zip file. The contents include the `DownloadTool.jar` file, which you use to run the client application.

Note: You can also download the latest AddressDoctor software engine and the latest user documentation for AddressDoctor on the **Other Downloads** tab.

CHAPTER 3

Database Download Manager Client Application

This chapter includes the following topics:

- [Database Download Manager Client Application Overview, 19](#)
- [Starting the Client Application , 19](#)
- [Viewing the Client Application, 20](#)
- [Downloading Reference Address Databases , 22](#)

Database Download Manager Client Application Overview

The Database Download Manager client application is a Java-based application that you can use to select and download multiple reference databases in a single operation. You can download the Database Download Manager client application from the Database Download Manager web page.

By default, the Database Download Manager client application lists all of the reference databases that your Informatica Passport user profile is authorized to download. You can view the complete list of reference databases that Informatica provides, or you can filter the list of reference databases.

Note: The client application requires version 8 of the Java SE Runtime Environment.

Starting the Client Application

Before you can use the Database Download Manager client application, you must download and extract the application from the Database Download Manager web page. The files that you extract include the `DownloadTool.jar` file.

1. Double-click the `DownloadTool.jar` file to start the application.
The Database Download Manager client login window appears.
2. Enter your Informatica Passport user name and password. If you want Database Download Manager to save your credentials, select **Use Saved Login**.
3. Click **Login**.

The **Select Your Informatica AddressDoctor Version** window appears.

4. Select the version of Informatica AddressDoctor that you want to designate as the default version in the Database Download Manager client application, and click **Select and Set as Default**.

The Database Download Manager client application window appears.

When you start the Database Download Manager client application, the Database Download Manager client adds the following files to the directory to which you extracted the file:

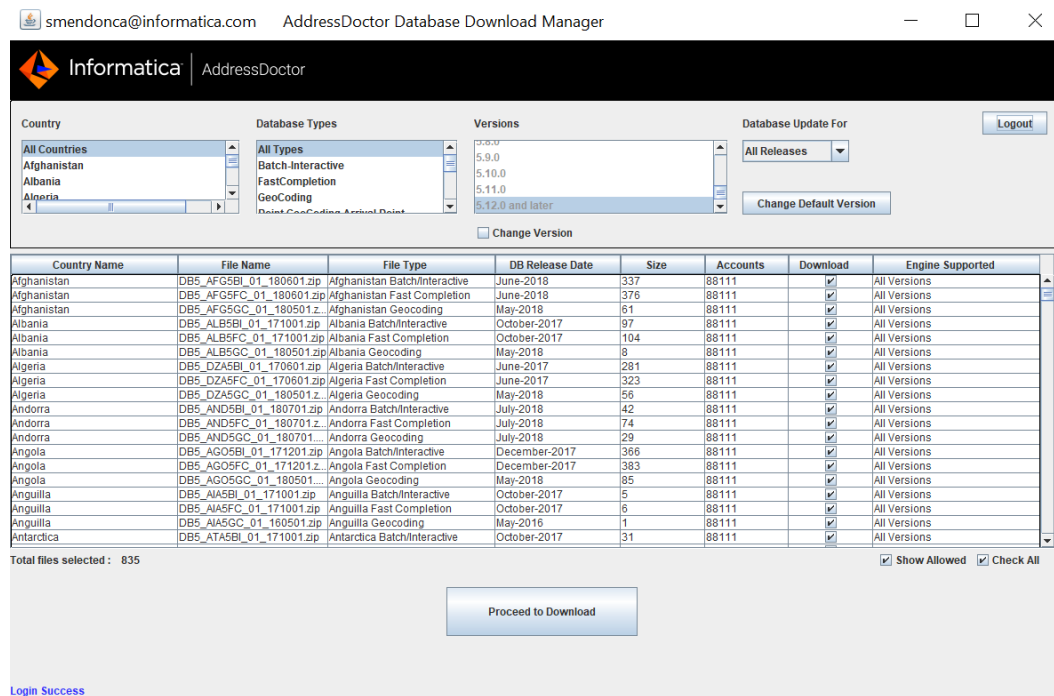
- config.properties
- log.html

When the Database Download Manager client is open, log.html remains locked for editing. The Database Download Manager client releases the log file when you close the application.

Viewing the Client Application

The Database Download Manager client application displays a range of options that you can use to select and download reference databases and to perform other actions.

The following image shows the Database Download Manager client application:



You can clear **Show Allowed** to view all the reference address databases that are available for Informatica AddressDoctor.

You can clear **Check All** to deselect any databases that are marked for download.

Note: You cannot select a database for download if you are not eligible to download the database. Use the Check All option to select all of the databases that you are eligible to download.

Filter Options

Use the following options to filter the databases:

Country

The name of the country for which you want to view or download reference address databases.

Database Types

The type of reference address database that you want to view or download. For example, Batch and Interactive or Fast Completion.

Database Update For

The release date of the reference address databases that you want to view or download.

You can choose the following options:

- All Releases. Any update available for the databases that meet the specified criteria, regardless of the release date of the database file. This is the default option.
- Current Release. Any eligible file updated in the latest database release cycle.
- Last 2 Releases. Any eligible file updated in the last two database release cycles.
- Last 3 Releases. Any eligible file updated in the last three database release cycles.

Versions

The AddressDoctor engine version with which you will use the databases that you download. The Download Manager can filter out the databases that are not compatible with the version that you select.

Database Information

The Database Download Manager client displays the following details about the reference databases:

Country Name

The country name.

File Name

The database file name.

File Type

The database type, such as Batch and Interactive or Fast Completion.

DB Release Date

The date on which the database was released.

Size

Size of the database.

Accounts

The Data Quality Center account to which the database unlock code applies.

Download

Whether the database is included in the download operation that you propose.

Engine Supported

The AddressDoctor engine version with which the database is compatible.

Downloading Reference Address Databases

Use the Database Download Manager client application to download multiple reference address databases at a time.

1. In the client application, optionally specify one or more of the filter options.
To make multiple selections from the Country and Database Types lists, hold down the **CTRL** or **Shift** key and select the values.
2. Select the **Download** option for each database that you want to download.
3. Click **Proceed to Download**.
The application displays the list of files that you selected for download and the download option.
4. Choose the following options:
 - To download only absent or newer versions of the databases in the download directory, select **Smart Download**. If you disable the **Smart Download** option, the Database Download Manager client downloads all of the databases that you specified.
 - To enable the Download Manager overwrite the files in the download directory, select **Overwrite Old Files**.
5. Enter the download location in the **File save path** field.
6. To download the files, click **Start Download**.

The progress bars in the download list shows the progress of the downloads as a percentage of the file size. You can right-click an entry in the download list to pause or resume its download. To stop the download process, click **Stop**. To restart the download, click **Start Download**.

Note: If you click the Back button when a download is in progress, the Database Download Manager client aborts the download process. If you exit the client application while a download is in progress, the Database Download client aborts the download process.

CHAPTER 4

Data Download on the Command Line

This chapter includes the following topics:

- [Data Download on the Command Line Overview , 23](#)
- [Download Options on the Command Line , 23](#)

Data Download on the Command Line Overview

You can download reference address databases on the command line of the machine on which you installed the Database Download Manager client application. The application runs in the background and enables you to download the databases.

RELATED TOPICS:

- [“Configuration Properties File” on page 11](#)
- [“Download Properties File ” on page 12](#)

Download Options on the Command Line

To download databases on the command line, run the `java -jar DownloadTool.jar` command.

You select the databases to download by setting one or more command-line options. If you do not set any option, the Download Manager uses the option value that the `config.properties` file specifies.

You can use the following options with the `java -jar DownloadTool.jar` command:

-DownloadType or -dt

Specifies whether to download all the databases that your Informatica Passport user profile is authorized to download or only those databases that are listed in the `download.xml` file. The available options are `all` and `custom`. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -o:yes -dt:all
```

If you set the download type parameter to `all`, the Database Download Manager updates the download file to specify all of the databases that you are authorized to download and downloads all of the

databases. If you set the download type parameter to `custom`, the Database Download Manager downloads only the databases that are listed in the `download.xml` file.

-Engine or -eg

Specifies the on-premises AddressDoctor version for which you want to download the databases. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -o:yes -dt:all -eg:5.13.0
```

If you set the option, the Database Download Manager downloads only those databases that are compatible with the engine version that you specify.

-Help, -h, or -?

Displays command-line help. For example:

```
java -jar DownloadTool.jar -h
```

-NoGui or -ng

Downloads database files according to the details that the configuration properties file specifies. When you use the `-NoGui` option, enter a password if the configuration properties file does not include a token value. Otherwise, do not set any option on the command line.

Note: The configuration properties file includes values that you can otherwise set on the command line. For example, the configuration properties file includes a `DownloadType` option that you can use to download all available databases or to download the databases that the `download.xml` file specifies. Before you use the `-NoGui` option, verify the properties in the configuration properties file.

If the download file is not present in the directory to which you installed the Database Download Manager client application, the Download Manager generates the download file with information about all the databases that your user profile is authorized to download and starts to download the databases.

The Download Manager returns an error message and terminates the session in the following instances:

- The configuration properties file is not present in the directory to which the Database Download Manager client application is installed.
- The configuration properties file is present in the directory but it does not contain a token, and you do not include user credentials on the command line.

-OverWrite or -o

Indicates whether to overwrite any database file in the download directory with a file of the same name. The available options are `yes` and `no`. The default is `no`. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -o:yes
```

If you set the overwrite parameter to `yes`, the Database Download Manager overwrites any file with the same name.

-PassWord or -pd

Specifies the password for your Informatica Passport user name. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -pd:Pwd#1234
```

Enter a user name and a password if the `config.properties` file does not contain a token.

To protect the integrity of your password, you can omit the password parameter from the command and enter the password at the password prompt. The password that you enter for the `-PassWord` parameter appears on the screen as plaintext, whereas the password you enter at the password prompt is hidden.

-ReleaseDate or -rd

Filters the available reference database files by age.

You can use one of the following values:

- all. Download databases regardless of age.
- current. Download the current version of the databases.
- last2. Download any database that Informatica updated in the last two months.
- last3. Download any database that Informatica updated in the last three months.

-Remember or -rm

Specifies whether to save the current command-line options to the `config.properties` file. The available options are `yes` and `no`. Default is `yes`. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -s:yes -dt:all-rm:yes
```

If you set the `-Remember` parameter to `no`, the options that you specify for the current download are discarded when you end the current session.

-Smart or -s

Specifies whether to enable smart download. The available options are `yes` and `no`. Default is `yes`. For example:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -s:yes -dt:all
```

When smart download is set to `yes`, the Database Download Manager checks the `downloadhistory.xml` file to identify the files that you last downloaded and only downloads any newer or absent version of each file. When smart download is set to `no`, the Database Download Manager downloads all the database files that the `FileType` and `Country` properties define.

-Token or -tk

Specifies a token that you can use in place of a user name and password when you run the command. When you log in with a username and password, Database Download Manager saves the token to the `config.properties` file. The token is valid for one year.

To create a token, enter the following command:

```
java -jar Downloadtool.jar un:admuser@yourdomain.com -pd:****
```

The following sample code shows a token in the system response to the command:

```
#Tue Nov 21 17:27:09 CET 2017
DownloadDirectory=C:\Downloadtool\Downloads
token=adb871e4fe734a53a9f35364res45z4
DownloadType=ALL
OverWrite=no
UserName=admuser@yourdomain.com
EngineVersion=5.12.0
Smart=yes
FileType=ALL
Country=ALL;
```

The system response replicates the parameters in the `config.prooerties` file.

You can use the token in subsequent logins. For example:

```
java -jar Downloadtool.jar -tk:adb871e4fe734a53a9f35364res45z4
```

-UserName or -un

Specifies the Informatica Passport user name. For example, enter the following command:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com
```

Enter a user name and an Informatica Passport password if the `config.properties` file does not contain a token. If you do not enter a password, the Database Download Manager prompts you to enter a valid password for the user name.

Note: The Database Download Manager applies an AND relationship to the command line options and downloads the files that meet all of the criteria that you specify. For example, if you run a command that sets `-OverWrite` to `no` and `-DownloadType` to `all`, the Database Download Manager downloads absent files only and does not overwrite any file that it finds in the download directory.

APPENDIX A

Data Download Examples

This appendix includes the following topics:

- [Data Download Examples Overview , 27](#)
- [Downloading Your Files For The First Time, 27](#)
- [Downloading the Latest Files, 28](#)

Data Download Examples Overview

You can download multiple database files in a single operation through the Database Download Manager client application and on the command line.

This appendix describes the steps that you can follow to quickly perform common download tasks.

Note: The steps use the default settings in the config.properties file unless they indicate otherwise.

Downloading Your Files For The First Time

To download all of your files for the first time, you do not need to update any options. The default options specify all eligible database files of all types from all countries.

Client Application Instructions

1. Start the Database Download Manager client application.
2. In the Database Download Manager client application window, select **Check All**.
3. Click **Proceed to Download**.
The Database Download Manager client application download list appears.
4. Click **Start Download**.

Command Line Instructions

Open the command prompt in the directory to which you extracted the DownloadTool.jar file.

If the config.properties file contains a valid token, enter the following command:

```
java -jar DownloadTool.jar -nogui
```

If the `config.properties` file does not contain a valid token, enter the following command and include a user name and password:

```
java -jar Downloadtool.jar -nogui -un:username@informatica.com -pd:****
```

The Database Download Manager downloads all the database files that you are authorized to download.

Downloading the Latest Files

If you previously downloaded databases, and if you want to download only the databases that Informatica updated since your last download, use the Overwrite Old Files and Smart Download options.

Client Application Instructions

1. Start the Database Download Manager client application.
2. In the Database Download Manager client application window, select **Check All**.
3. Click **Proceed to Download**.
The Database Download Manager client application download list appears.
4. Select the **Overwrite Old Files** option and the **Smart Download** option.
5. Click **Start Download**.

Command Line Instructions

Open the command prompt in the directory to which you extracted the `DownloadTool.jar` file.

If the `config.properties` file contains a valid token, enter the following command:

```
java -jar DownloadTool.jar -o:yes -s:yes
```

If the `config.properties` file does not contain a valid token, enter the following command and include a user name and password:

```
java -jar DownloadTool.jar -un:admuser@yourdomain.com -pd:***** -o:yes -s:yes
```

The Database Download Manager downloads the newer versions of the files.

Note: The smart download option also downloads any eligible file that you did not download previously.