

API Specification: Database Download Service

Target URL: [https://www.\[YOUR_DOWNLOAD_URL\].com/download.php](https://www.[YOUR_DOWNLOAD_URL].com/download.php)

1. Overview

The Download API provides a programmatic interface to retrieve the latest version of the bins_all.zip database. The service utilizes a date-check mechanism to ensure that files are only transferred when new updates are available, optimizing bandwidth for the client.

2. Request Structure

Requests must be sent via a **GET** method. The URL must include the following query parameters:

- **license:** Your unique alphanumeric API authentication token.
- **date:** The date of your last successful synchronization (Format: MM/DD/YYYY).

Request Template:

[https://www.\[YOUR_DOWNLOAD_URL\].com/download.php?license=\[TOKEN\]&date=\[MM/DD/YYYY\]](https://www.[YOUR_DOWNLOAD_URL].com/download.php?license=[TOKEN]&date=[MM/DD/YYYY])

3. Server Logic and Responses

The system compares the date parameter provided in the request against the modification timestamp of the file on the server.

Case A: New Update Available

Condition: Server File Date > Provided Date

- **Action:** Initiates file transfer.
- **Response Content:** Binary stream (ZIP Archive).
- **Filename:** bins_all.zip

Case B: No New Updates

Condition: Server File Date <= Provided Date

- **Action:** Terminates download request.
- **Response Content:** Plain text message.
- **Example Output:** No updates for the requested file. Last update: 03/20/2026

4. Implementation Examples

Example 1: Requesting an update (Past Date)

`https://www.[YOUR_DOWNLOAD_URL].com/download.php?license=XXXXXXXXXX
XXXX&date=07/20/2018` *Result: The ZIP file is downloaded immediately.*

Example 2: Checking for updates (Future/Current Date)

`https://www.[YOUR_DOWNLOAD_URL].com/download.php?license=XXXXXXXXXX
XXXX&date=12/31/2026` *Result: Message stating "No updates for the requested file" is returned.*

5. Usage Notes

- **Security:** Do not share your license token. It acts as your unique identifier and credential.
- **Automation:** When automating this via script (e.g., cURL or Python), ensure your local system date format matches MM/DD/YYYY to avoid parsing errors.
- **Testing:** To verify connectivity, copy the full URL string directly into a browser address bar.