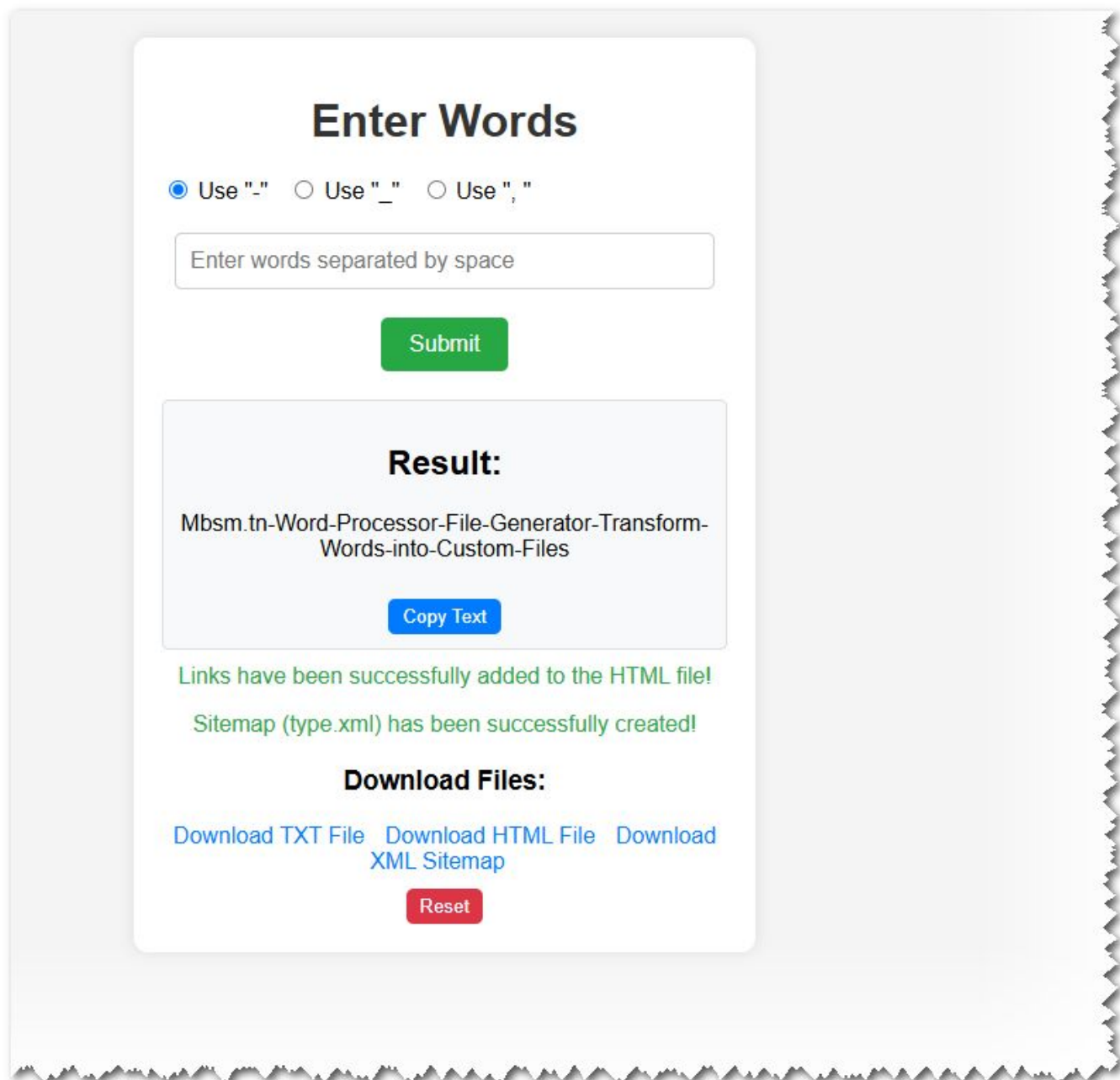


# [Mbsm.tn, php, script, Word Processor, File Generator, Transform, Words, into Custom Files](#)

Category: Machine Learning

written by Mbsm.tn | 20 January 2025



The screenshot shows a web application interface with a white background and a light gray border. At the top, the heading "Enter Words" is centered. Below it are three radio buttons: "Use '-'", "Use '\_'", and "Use ','". The "Use '-'" option is selected. A text input field contains the placeholder text "Enter words separated by space". A green "Submit" button is positioned below the input field. Underneath is a "Result:" section with a light gray background, displaying the transformed text: "Mbsm.tn-Word-Processor-File-Generator-Transform-Words-into-Custom-Files". A blue "Copy Text" button is located below the result. Below the result section, two green messages are displayed: "Links have been successfully added to the HTML file!" and "Sitemap (type.xml) has been successfully created!". A "Download Files:" section follows, with three blue links: "Download TXT File", "Download HTML File", and "Download XML Sitemap". A red "Reset" button is at the bottom of the interface.

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This HTML and PHP code creates a web application that allows users to input words, process them based on a selected separator, and generate downloadable files (type.txt, type.htm, and type.xml). Below is a breakdown of the functionality and structure of the code:

[Live Show](#)

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## Key Features

### 1. User Input Form:

- Users can enter words separated by spaces.
- Users can select a separator ( -, \_ , or , ) to process the input.

### 2. Processing Logic:

- The PHP script processes the input words:
  - Replaces spaces and non-alphanumeric characters with the selected separator.
  - Removes duplicate separators.
  - Trims separators from the beginning and end of the string.

### 3. File Generation:

- **type.txt**: Saves the processed words in a text file.
- **type.htm**: Generates HTML links for each word and appends them to an HTML file.
- **type.xml**: Creates an XML sitemap from the links in **type.htm**.

### 4. Download Links:

- Users can download the generated files (**type.txt**, **type.htm**, and **type.xml**).

### 5. Copy to Clipboard:

- Users can copy the processed words to the clipboard.

### 6. Reset Functionality:

- A "Reset" button clears the input and hides the result and success messages.
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## Code Structure

### 1. HTML:

- The form collects user input and allows selection of a separator.
- The result is displayed dynamically using PHP.
- Buttons for copying text and resetting the page are provided.

### 2. CSS:

- Styling is applied to make the interface clean and user-friendly.
- Buttons, input fields, and result containers are styled for better usability.

### 3. PHP:

- Handles form submission.
- Processes the input words and generates the required files.
- Dynamically displays the result and success messages.

### 4. JavaScript:

- Provides functionality for copying text to the clipboard.
- Resets the page when the “Reset” button is clicked.

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## How It Works

### 1. User Interaction:

- The user enters words and selects a separator.
- On submission, the form sends the data to the server using the POST method.

### 2. Server-Side Processing:

- The PHP script processes the input:
  - Replaces spaces and non-alphanumeric characters with the selected separator.
  - Removes duplicate separators and trims the result.

- The processed words are saved to `type.txt`.
- Links are generated for each word and appended to `type.htm`.
- A sitemap (`type.xml`) is created from the links in `type.htm`.

### 3. **Dynamic Output:**

- The processed words are displayed on the page.
- Success messages are shown for file generation.

### 4. **File Downloads:**

- Users can download the generated files using the provided links.

### 5. **Copy and Reset:**

- The “Copy Text” button copies the processed words to the clipboard.
- The “Reset” button clears the input and hides the result.

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## Potential Improvements

### 1. **Validation:**

- Add input validation to ensure only valid characters are entered.
- Prevent duplicate entries in the generated files.

### 2. **Error Handling:**

- Improve error handling for file operations (e.g., file permissions, disk space).

### 3. **Security:**

- Sanitize user input to prevent XSS or other attacks.
- Restrict file access to authorized users.

### 4. **User Experience:**

- Add a loading indicator while processing the input.
- Provide feedback for file downloads (e.g., "Download started").

## 5. File Management:

- Allow users to clear or reset the generated files.
- Provide an option to view the contents of the files directly in the browser.

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## Example Usage

### 1. Input:

- Words: hello world example
- Separator: -

### 2. Output:

- Processed Words: hello-world-example
- type.txt: Contains hello-world-example.
- type.htm: Contains links like:

```
htmlCopy<a href="https://www.mbsm.tn/?s=hello" target="_blank">https://www.mbsm.tn/?s=hello</a><br> <a href="https://www.mbsm.tn/?s=world" target="_blank">https://www.mbsm.tn/?s=world</a><br> <a href="https://www.mbsm.tn/?s=example" target="_blank">https://www.mbsm.tn/?s=example</a><br>Run HTML
```
- type.xml: Contains a sitemap with the links.

### 3. Download:

- Users can download type.txt, type.htm, and type.xml.

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This application is a simple yet effective tool for processing words and generating files for further use. It can be extended or customized based on specific requirements.

## Enter Words

Use "-"  Use "\_"  Use "; "

Mbsm.tn, Word Processor, File Generator, Transfo

Submit

### Download Files:

[Download TXT File](#) [Download HTML File](#) [Download XML Sitemap](#)

Reset

# Enter Words

Use "-"    Use "\_"    Use ", "

Enter words separated by space

Submit

## Result:

Mbsm.tn-Word-Processor-File-Generator-Transform-  
Words-into-Custom-Files

Copy Text

Links have been successfully added to the HTML file!

Sitemap (type.xml) has been successfully created!

## Download Files:

[Download TXT File](#)   [Download HTML File](#)   [Download XML Sitemap](#)

Reset

<https://mbsm.tn/wp-content/uploads/uploads/Mbsm-tn-media-Mbsm.tn-Word-Processor-File-Generator-Transform-Words-into-Custom-Files.zip>