🧹 Word Document Cleanup Macro: Figure Tag Remover

A simple, yet powerful Visual Basic for Applications (VBA) macro for Microsoft Word designed to clean up documents by removing specific blocks of HTML-like tags and all their contents.

This macro is particularly useful when converting content from web sources or CMS systems that embed formatting or figure data using recognizable tags.

💡 The Problem Solved

The macro finds and deletes all text, images, and content blocks that start with the specific HTML tag:

```
<figure class="embedded-preview">
```

and continue until the closing tag:

```
</figure>
```

It removes both the tags and all content enclosed between them, which is essential for quickly normalizing document text.

🛠️ Macro Code: `RemoveFigureTagsAndContent`

The core logic uses Word's Wildcard search feature for robust, multi-line matching.

How it Works: The Search Pattern

The VBA code uses the following precise wildcard pattern:

```
.Text = "\<figure class=" & Chr(34) & "embedded-preview" & Chr(34) & "\>*\</figure\>"
```

- `\<\>` : Escapes the angle brackets, forcing the search to look for the literal characters `<` and `>`.
- `Chr(34)` : Inserts the literal double-quote character (`"`), ensuring the class name is matched exactly.
- `*` : The essential **wildcard** that matches any sequence of zero or more characters, crucially allowing the match to span multiple lines, paragraphs, and sections.

The macro then replaces this entire matched block (`Find What`) with an empty string (`Replace With`), effectively deleting it.

🚀 Installation and Usage

Step 1: Open the VBA Editor

1. Open the Word document you want to run the macro on.

2. Press **ALT + F11** on your keyboard to open the **Visual Basic for Applications (VBA) Editor**.

Step 2: Insert a New Module

1. In the VBA Editor, go to the **Project Explorer** pane (usually on the left).

2. Right-click on your document's project (e.g., `Project (Document1)` or `Normal`) and select **Insert** > **Module.**

3. Copy the full code from `Module1.bas` and paste it into the empty code window.

Step 3: Run the Macro

1. Return to your Word document.

2. Go to the **View** tab on the ribbon.

3. Click **Macros** > **View Macros** (or press **ALT + F8**).

4. Select the macro named `RemoveFigureTagsAndContent` from the list.

5. Click **Run.**

A message box will pop up confirming that the process is complete.

🤝 Contribution & License

This project is shared to benefit the community and encourage learning. Feel free to use and adapt this code in your own work.

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