

# Document Template processor

## DocumentTemplateProcessor Class

The `DocumentTemplateProcessor` class is designed to assist in processing and modifying Word documents ( `.docx` ) based on a provided template. It provides methods to replace text placeholders in the document, save the modified document, and process it.

### Constructor

`__init__(self, template_path)`

- Initializes an instance of the `DocumentTemplateProcessor` class with a specified `template_path`.
- Parameters:
  - `template_path` (str): The path to the template Word document ( `".docx"` ).

### Methods

`replace_text_in_paragraphs(self, replacements)`

- Replaces text placeholders in the document paragraphs with provided replacement values.
- Parameters:
  - `replacements` (dict): A dictionary of placeholder strings as keys and replacement text as values.

`save_modified_document(self, output_path)`

- Saves the modified document to a specified output path.
- Parameters:
  - `output_path` (str): The path where the modified document should be saved.

`process_document(self, replacements, output_docx_path)`

- Combines the text replacement and saving operations for convenient processing.
- Parameters:
  - `replacements` (dict): A dictionary of placeholder strings as keys and replacement text as values.
  - `output_docx_path` (str): The path where the modified document should