Word Lite Express

# Description

# Word Lite Express in Pega is a free, plug and play component designed to enable users to edit Word documents (. docx) directly within the attachment widget of a Pega application. This feature allows for seamless document editing without the need to download and re-upload files, enhancing user efficiency and streamlining workflows. It typically provides basic word processing functionalities to ensure that users can make necessary changes to documents in a straightforward and integrated manner. This integration helps maintain document integrity and ensures that changes are captured within the application's case management system.

# Compatibility

Infinity 23’, Infinity 24.1’, Pega Platform 8.x, UI Kit & Theme-Cosmos.

Mentioned below are the various extension points present in the Component, which can be customized as per your requirement.

# Extendable Template Rules

|  |  |  |  |
| --- | --- | --- | --- |
| SL No Rule Name Type Description | | | |
| 1 | D\_GetAttachmentContent | Data Page | Can be used to get the attachment content |
| 2 | SaveUpdatedAttachment | Activity | Saves the base64 encoded byte array into database or repository |

# Extension Points:

Extension points are provided in the generic utilities for organization specific requirements.

|  |  |  |  |
| --- | --- | --- | --- |
| Utility Name | Extension Points | Description | Usage |
| 1 | EditDocument | Flow Action | Can be plugged in for edit function for (.docx) extension files |

# Generic Features:

Some of the generic features which can be utilized standalone are mentioned below.

|  |  |  |  |
| --- | --- | --- | --- |
| SL No | Rule Name | Rule Type | Description |
| 1 | |  | | --- | | CovertDocxToHTML--(String,String) | | Function | This can be utilized standalone to convert docx content to HTML  Parameters:  filePath: Pass the file location of the docx file / attachment file. |
| 2 | ConvertHTMLToDocx--(String,String) | Function | This can be utilized standalone to convert HTML to docx  Parameters:  filePath: Pass the file location where the file needs to be stored. htmlContent: Pass the HTML value to be converted as docx. |
| 3 | CovertDocxStreamToHTML--(String) | Function | This can be utilized standalone to convert the byte array to HTML  Parameters:  inputStream: Pass the byte array value to be converted to HTML. |
| 4 | ConvertHTMLToStream--(String) | Function | This can be utilized standalone to convert HTML to byte array  Parameters:  htmlContent: Pass the html content to be converted to byte array. |

# Quick Demo:

1. When a user opens or edits a case in Pega and views the attachment widget, any attached Word documents (.docx) will display an "Edit" option within the three dots (ellipsis) navigation menu.  
   A screenshot of a chat

   AI-generated content may be incorrect.
2. Upon clicking the "Edit" option, a modal dialog is launched. This dialog serves as the interface where the document editing process takes place.  
   A screenshot of a computer

   AI-generated content may be incorrect.
3. The content of the Word document is loaded into a rich text editor within the modal dialog. This editor provides basic functionalities for modifying the text and formatting of the document.
4. Users can make necessary changes to the document using the rich text editor's features, such as text formatting, adding or removing content, and other basic word processing tasks.  
     
     
   A screenshot of a computer

   AI-generated content may be incorrect.
5. Once the user is satisfied with their edits, they can submit the changes. This action will update the Word document based on the modifications made in the rich text editor.  
   A screenshot of a computer

   AI-generated content may be incorrect.
6. If the Word document is stored in the Pega database, the byte array value representing the document is updated to reflect the new content.
7. If the Word document is stored in an external repository, the old file is replaced with a new file that has the same name and extension, ensuring that the repository maintains the updated version of the document.

# Limitations:

1. The component is not yet supported in Constellation, meaning it cannot be used in applications built using Pega's Constellation design system.
2. The attachment functionality only works when the storage option is set to either the Pega database or an external repository. Other storage options are not supported.
3. The file extension must be strictly .docx for the component to function correctly. Other Word document formats, such as .doc, are not supported.
4. There is a known issue with Table-Width getting changed, post edit of the document. Work is in progress for MLP 2

# FAQs:

# Q1: What is Word Lite Express in Pega?

# A1: Word Lite Express in Pega is a free, plugin and play component designed to enable users to edit Word documents (.docx) directly within the attachment widget of a Pega application. This feature allows for seamless document editing without the need to download and re-upload files, enhancing user efficiency and streamlining workflows.

# Q2: How can a user edit a Word document in Pega?

# A2: When a user opens or edits a case in Pega and views the attachment widget, any attached Word documents (.docx) will display an "Edit" option within the three dots (ellipsis) navigation menu.

# Q3: How are updates to the Word document stored?

# A3: If the Word document is stored in the Pega database, the byte array value representing the document is updated to reflect the new content. If the document is stored in a repository, the old file is replaced with a new file that has the same name and extension, ensuring that the repository maintains the updated version of the document.

# Q4: Is Component supported in Constellation Design System?

# A4: No, this component is not supported for constellation design system.

# Q5: Can images be modified or added for the attached document?

# A5: No, images are not supported.