

JSOWrite Expelled Gremlins

ID : 1599**Fixed in version :** 4.9.0.1**Short Description:** Image Vanishes Changing Picture Wrapping in Header**Full Description:** When changing the picture wrapping for in-line image in document header, the image vanishes. Should not be able to change picture wrapping for in-line images inside header, footers and table cells.**Comments :****ID :** 1894**Fixed in version :** 4.5.1.2**Short Description:** Table cells misalignment**Full Description:** Dear Michael,
I have a problem with a converted OWrite document.
The document was created with the OWrite web-client front-end and it was imported within the new JSOWrite (last version).
The problem arises when I print it in PDF format with PDFDevice - get the PDF that is attached to this email: there are evident misalignments in many tables.
I attach the OWriteX document (evaluated and not) and the PDF file
How can I resolve this?
Please 燼dvice me
Thanks in 燼dvance

Simone Pizzolato

888 Software Products Srl

AttachedFile: Errore_2021_04_RDO.zip

Comments : There is a new custom parameter that you can specify when loading the document on the server or fat-client called kWriLoadFixTableStyles.
This parameter allows you to specify a default style for table rows that will be applied as the document is loaded, i.e.Do
\$cinst.\$loaddata(ivCallerRef.ivDocumentData,kWriFmtDefault,kFalse,kWriLoadRawPicts,kTrue,kWriLoadFixTableStyles,"Normal")

What was the problem...

There are two table style settings that do not have their own storage in the table data, but are style settings that are applied to each table row (each table row is in fact a single line paragraph that only contains in-line cell objects). These style setting are the horizontal alignment and the left indent. In the case of the corrupted tables, these settings had been adversely effected by different settings being assigned to these styles in some table rows.

What does the above do...

During loading of the document, oWrite will preserve the indent and align settings of the first table row, reset the style for each table row to the specified style and re-apply the first row's alignment and indent settings to each table row. This should correct tables where the styles of subsequent rows have been corrupted.

This should mean that existing owx documents in your jsOWrite implementation can be printed

correctly as long as the code that loads and prints the document on the server uses this new flag during loading. You can also use this new flag to convert and permanently fix your existing oWrite documents. It should be save to use, wether a document suffers this problem or not. If a document was altered during load, the \$modified flag will be true.

I recommend that you specify the default style "Normal", if that is present in all your documents, as the style that you specify must exist in the document, otherwise oWrite will not make any changes to the tables.

ID : 1895

Fixed in version : 4.9.1.0

Short Description: Error inserting calculated field

Full Description: I find a problem when I insert more than one calculated field at the same time.
If I Insert 2 calculated field at the end of sentence, Owrite insert the field correctly.
If I insert more than 1 calculated field in the middle of a sentence the owrite makes a mistake.
I modify your library "Owrite javascript simple" (only rfOWriteSimple and rfOWriteSimpleInsertCalc) and I add a button "Insert more field" when inserting a calculated field (I attach the zip with library).

If you want to see the problem, you can procede in this way:

- open "Owrite javascript simple" from browser
- create an empty document
- insert some text in the document. For example:
empty document write aaa bbbccc
ffff ffff "INSERT HERE BETWEEN" g gg gggg eeee
end document "INSERT HERE AT END"
- Insert calculated field with button "Insert more field" after "INSERT HERE AT END"
and then insert calculated field with button "Insert more field" after "INSERT HERE BETWEEN"

You can see the error afte inserting calculated field at the position "INSERT HERE BETWEEN"
I attach an image for example.

Best regards
Matteo

AttachedFile: OWriteDocumentManager (Studio 8.1) - Test.zip

Comments : The problem here was when multiple inserts are executed consecutively and a insert midway causes a word-wrap, the next insertion point was not recalculated correctly, causing the subsequent insert to occur in the incorrect location.

This has been fixed and the fix will be included in the imminent Version 5 beta 1.

ID : 1898

Fixed in version : 4.5.1.3

Short Description: Problem with bullets

Full Description: If bullets are used in the text and fields are used in some, they are not correctly aligned in print (see attached images). I am also attaching the binary file.
Thanks.

AttachedFile: owrite.zip

Comments : The problem with the server/desktop component during evaluation of documents.

This was a complex issue. When bullet lists (or any of the other lists) are created and under special circumstances, the list indents are set or reset to the defaults which depend on the font size. One of the special circumstances is when the font size for the paragraph is changed. In the case where a paragraph contained a calculated field, oWrite initiated a font size change because evaluating calculated fields insert the data using the oWrite import functionality (which allows RTF). In this case oWrite only thought the font size required updating and promptly reset the list indents to their defaults

for that size. Because this bullet list used the non-standard indents 0.5cm & -0.5cm (the default is 1cm & -0.5cm at 9pts), the paragraphs containing the calculated fields were reset and where indented differently to the other list items.

We have added an additional test to not reset the indents if the font size has not changed in the final analysis.

ID : 1899

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This has also been fixed for version 4.5.1.3, but in version 5 there were additional complications because of the new list-level feature. We have now added additional code to respect custom indents within the current document when list levels are changed. In other words existing custom indents for a specific list level will be reused through out the document when new list items are inserted or list levels are changed.

JSOWrite Enhancements

ID : 1913

Implemented in version : 5.0.0.0

Short Description: PHP Spell Checker

Full Description: We have added PHP based spell checking to jsoWrite. There is a new property called \$spellcheckerurl which is a property of the control and specifies the URL of the PHP script on the server. The URL may provide additional parameters for the PHP script, such as spell checker initialisation options, i.e. language. We provide a basic PHP script that you can modify for your own requirements. The script's URL must provide a number of parameters for additional functionality such as adding words to a server dictionary, or spell checking in a language other than US/UK English. Below is a list of all the parameters supported by the provided script and jsoWrite kernel:

lang (used by server script)

the two/four letter language code (default is 'en')

spelling (used by server script)

the language variation

action (used by server script)

one of 'suggest', 'add_personal', 'add_replace' (default is 'suggest')

openex (used by server script)

if specified script will open additional personal and replace dictionaries in addition to the language dictionaries

IgnoreWordsWithNumbers (used by kernel)

ignore words that contain numbers if true (defaults to true)

IgnoreDomainNames (used by kernel)

ignore domain names if true (defaults to true)

IgnoreAllCapsWords (used by kernel)

ignore words in all-caps if true (defaults to true)

ReportDoubledWords (used by kernel)

reports duplicate words if true (defaults to true)

Our demo \$spellcheckerurl is set to:

<https://demos.brainydata.com/software/spell.php?lang=en&openex=pr>

There are many ways to implement the server side. The only actions jsoWrite will perform are the 'suggest' action and the 'add_personal' action if a string is specified for the new string resource 7115. This new feature introduces three new translatable strings that are loaded by jsoWrite. These are:

```
"7113":["Ignore"],  
"7114":["Ignore All"],  
"7115":["Add"]
```

The translatable strings are found in the file JSOWriteStrings.tsv which is located alongside the Document Manager examples library. If you set string 7115 to empty, jsoWrite will not offer this option in the spell checker menu.

The new server folder in the examples tree contains the example PHP script spell.php.

Comments :

OWrite Expelled Gremlins

ID : 1781

Fixed in version : 4.5.1.1

Short Description: RTF import : A carriage return appears after each zone of the document

Full Description: After a RTF import, each zone of the document (header, footer and body) have a carriage return as final character.

The original RTF doesn't have these carriage returns.

I join a RTF File in example.

AttachedFile: ExampleCarriageReturn.rtf

Comments : This issue has been resolved. This change will effect both RTF exports and imports and these should be tested prior to releasing the software to end users.

ID : 1786

Fixed in version : 4.9.0.1

Short Description: Omnis quit unexpectedly when using \$setselection on header without a visible hea

Full Description: If the attribute "\$headfootenabled" is set at kFalse, the call to this function makes Omnis quit unexpectedly :
Do OWriteObjectRef.\$setselection(kWriSelectEnd,kWriSelectEnd,kWriSelectHeadFoodPrev)

I know this call is a little useless but if you fix this bug it could improve the stability of your software.

Comments : This change will be available in oWrite Desktop version 5.0 alpha 1.

ID : 1807

Fixed in version : 4.9.0.5

Short Description: Paste function fails when cut text contains text box

Full Description: 1) Import my document (cf. Upload File) which contains one line of text and below it a text box
2) Select all (CTRL + A) and cut the text => you'll see the text box don't disappear
3) Paste from the top of the body of the document => you'll have 2 text boxes.

This doesn't happen if the text box is between text lines above and below. The problem is only if the text box is after the last line of text.

AttachedFile: TestTextBoxCutPaste.zip

Comments : When the text box was anchored to the last paragraph of the document, the text box failed to copy and paste correctly. In addition to the above, we fixed two additional issues.

1. When the style of the anchor-paragraph was different to the style of the content for the text box, the content would take on the style of the anchor-paragraph, following a paste.

2. When only the text box was selected by clicking it, no style information was included in the clipboard data and on a paste the text box would attach to one of the existing styles. oWrite now includes the required document style information.

ID : 1813

Fixed in version : 4.9.0.8

Short Description: Background images don't redraw when editing...

Full Description: We are trying to replicate forms, and then drop fields using \$eval to place data onto these forms.

There are instances when we cannot reproduce the form within oWrite, so have to resort to putting an image in the background to replicate the form, and then edit the document, to place fields in the correct place on the form.

Sounds great.

But the background image does not redraw properly when scrolling the document, a before and after image is attached.

So it becomes difficult to place the fields.

Printout of the forms seems to work fine.

AttachedFile: RedrawIssue.png

Comments : This issue effected both Windows and Macintosh in different ways and was dependent on the document content. It generally required multiple floating objects in the same document and the behind object not being the first vertically.

ID : 1850

Fixed in version : 4.9.0.1

Short Description: Crash Owrite when using \$::insert

Full Description:

- 1) Unzip the attached zip file
- 2) Launch the crash_owrite.lbs
- 3) Click on "Crash with visual object" or "Crash with non visual object"
- 4) You'll crash Omnis Studio !

In order to convert all old documents from AcWrite to OWrite for our clients, we need to find all the AcWrite variables (with the prefix "\$/**") and replace by OWrite object calculated.

The \$:insert crash Omnis Studio sometimes with no explanation.

We need a fix in Omnis Studio 6.1.3 and Omnis Studio 10.X.

AttachedFile: crash_owrite.zip

Comments : This find & replace issue appears fixed in version 5.

ID : 1851

Fixed in version : 4.9.0.1

Short Description: Cell vertical alignment not kept while copying

Full Description: the cells vertical alignment are not copied along with the table.

Example :
in a document, insert a table and set some text in first row.
Set cell vertical alignment to "top" for cells in first row.
all is correctly displayed.

Now,copy the full table, insert some empty lines under the original table and paste.

Result : the cells are bottom aligned

Thank you for a fix.

Comments : As well as copy and paste, the issue also effected export to and import from RTF. This issue has been resolved in both cases.

ID : 1859

Fixed in version : 4.9.0.2

Short Description: RTF import : Font and size problem

Full Description:

- 1) Unzip the attached zip file "FontAndSizeProblem.zip"
- 2) Open your library example "OWrite Document Manager"
- 3) Import the file "HeaderExample.rtf"
- 4) Open the same file with Word
- 5) You can see a difference in the bottom of the header, the fontsize is not the same. The same problem appears for the first word "CERFA" and also for the words "-Pat.(Pfixe,nom,prénom)-Né-(e)- -Pat.Nom_Marital(JF)- le -Pat.Date_de_naissance_jj_mm_aaaa-"
- 6) If you change the \$font and \$fontsize properties for the object "Edit" from the window "wOWrite" (example, Arial 20), and procede to import again the RTF, you could see this zones are in Arial 20 !

AttachedFile: FontAndSizeProblem.zip

Comments :

- This issue occurs only when all the following conditions apply
- the rtf to be imported does not contain stylesheet information
- the oWrite default document styles "Header & Footer" and "Normal" specify different font sizes.
- the header or footer contains text that has the same font size as the "Header & Footer" style

The result is that the text in question takes on the font size of the "Normal" style.

This has now been rectified. This is a high-risk change in behaviour that will effect all RTF imports where the RTF does not contain a stylesheet.

ID : 1864

Fixed in version : 4.9.0.4

Short Description: Style after not exported to RTF

Full Description: The style after setting for document styles was not exported to RTF.

Comments :

ID : 1866

Fixed in version : 4.9.0.5

Short Description: Footer not displayed well from import RTF

Full Description: I've a RTF file with several lines in the footer.

When we import it into OWrite, we can see only a part of these lines.

When we import it into Word on PC or MAC, we can see all of the lines.

AttachedFile: FooterExample.rtf

Comments : This was caused by the incorrect interaction between invalidation and footer calculations when the footer data forced the footer size to grow larger than the default allotted space (document bottom margin) when the document was first created.

ID : 1867

Fixed in version : 4.9.0.5

Short Description: Shift enter break (line break) not displayed well from import RTF

Full Description: I've a RTF file with lines separated by shift enter break (line break) and enter break (see the attached file). There is a few spaces after the shift enter break on the second line.

When we import it into OWrite, we can see the spaces at the end of the first line instead of the beginning of the second line.

It seems there is a problem with the control word "/line" from the RTF in OWRite.

We don't have the problem with Word on PC or MAC.

AttachedFile: ShifEnterExample.rtf

Comments : This was not an RTF import issue, but a general document formatting issue. The soft-break (line break) was not wrapping subsequent leading space characters to the new line.

ID : 1868

Fixed in version : 4.9.0.5

Short Description: Wrong header margin after RTF import

Full Description: The attached RTF file has only a header with a 1,5cm header margin.

When we import it into OWrite, the header margin is 0,64 cm.

I think all the imported RTF files are converted with a header margin of 0,64 cm and i think there is the same problem for the footer.

AttachedFile: HeaderMargin.rtf

Comments : Please find below the links to the beta 5 builds:
https://support.brainydata.com/owrite_sm/patches/owrite_4905_major_release5a5_mac.zip
https://support.brainydata.com/owrite_sw/patches/owrite_4905_major_release5a5_win.zip

ID : 1870

Fixed in version : 4.9.0.6

Short Description: RTF import : Many fonts with typeface are not interpreted correctly

Full Description: We have a lot of RTF Files with fonts and typeface like "Avenir Roman" or "Segoe UI Semilight" and i see after an import RTF in OWrite that some of them are not interpreted correctly.

In the attached zip file, you can try to import "FontsWithTypeface.rtf" in OWrite, i put several fonts with typeface as an example. While "Arial Narrow" and "Arial Rounded MT Bold" are well displayed in OWrite, the import fail to display "Avenir Roman", "Avenir Book", "Helvetica Light" and "Segoe UI Semilight".

You can try to import the other file "FontsWithTypefaceAll.rtf" to see the result for each fonts and typeface included in my Mac.

AttachedFile: FontsWithTypeface.zip

Comments : We have made some major improvements to the way oWrite maps fonts to allow RTF to specify combinations of font family face names within RTF. The provided RTF documents now import correctly, providing the font is installed and enabled/visible in the system. If a font does not exist, the oWrite font map feature can be used to handle non-existing fonts. If the font map is not used, oWrite

will use the font specified by the \$font property. oWrite will also attempt to preserve the styles bold and italic when mapping fonts.

You can download the latest version 5 alpha from these links

https://support.brainydata.com/owrite_sm/patches/owrite_4906_major_release5a6_mac.zip

https://support.brainydata.com/owrite_sw/patches/owrite_4906_major_release5a6_win.zip

ID : 1879

Fixed in version : 4.9.0.7

Short Description: macron displaying incorrectly when pasted from word/outlook

Full Description: When pasting a block of text from Word or Outlook that contains one or more macron accented characters, those characters are incorrectly translated to other accent characters.
e.g. U+0101 (latin small letter a with macron) becomes U+00E2 (Latin small letter a with circumflex)
A word document example is attached.

The same issue occurs with Omnis Studio 10.1 on both macOS 11.1 and Windows 10.

If the text is pasted from source into a plain-text application such as notepad/sublimeText then selected/copied from that application it will paste correctly into oWrite.

AttachedFile: Macron (maori language) demo file.zip

Errors:

The provided e-mail 'andrew@freedomsoftware.co.nz' is not registered as a technical contact!

Comments : We have implemented font based character sets that map to our existing code page translations. The following character sets are supported: ANSI, Greek, Turkish, Hebrew, Arabic, Baltic, Russian, Thai and Eastern/Central European. All other character sets (as documented by the RTF standard) are currently not supported.

This means that oWrite now supports multi-language documents where MS Word encodes the document using the 'fcharset' tag within the rtf font table as long as the language sets used, are limited to those above. This is a high risk change and RTF import should be thoroughly tested.

ID : 1884

Fixed in version : 4.9.0.8

Short Description: Incorrect info with \$curobjcontainer

Full Description: I use \$curobjcontainer to get container information of a selected field but when a table is at the very beginning of the document, the information obtained are false.

Please find attached a zip containing your example library and a document OWR.

The document contains only a table (empty) and a field placed after, outside the table.

I have added a context menu option (305) to display selected objet Id and name, and container Id and type:

```
OK message {[ivEdit.$curobjid] [ivEdit.$curobjname]}  
Calculate ivEdit.$curobjcontainer as kTrue  
OK message {ID container=[ivEdit.$curobjid] Container type =[ivEdit.$curobjtype]}  
Calculate ivEdit.$curobjcontainer as kFalse
```

Select the field and right-click select the "container info" option. It says the field is in the table !

AttachedFile: PbInfoContainer.zip

Comments : This has been fixed in oWrite version 5 and will be included in the alpha 8 release which is due this

month.

ID : 1887 **Fixed in version :** 4.9.0.8

Short Description: oWrite to HTML alignments

Full Description: oWrite to HTML conversion. Misplacement of text boxes.

Comments : There were a number of issues with formatting both text boxes and images as well as table fields to standard HTML. We have spend a few days sanitising some of the code which is very old and has seen many modifications. Consequently, this was a major rewrite of the code that exports floating and in-line objects to HTML and your HTML exports must be tested thoroughly.

This fix will be included in the upcoming alpha 8 release for version 5 which is scheduled for the end of this month.

ID : 1889 **Fixed in version :** 4.9.0.8

Short Description: oWrite \$.:print() ignores \$reporttoolbarpagepreview settings

Full Description: using
Calculate \$root.\$prefs.\$reporttoolbarpagepreview as kRBpageList+kRBzoom

Should hide the print buttons on the preview page.

For normal reports it works fine.
Printing from oWrite it leaves them there?

I note that printing from the IDE is meant to react differently, but this is not from the IDE.

Not clear if its an oWrite problem, or an Omnis problem, but if its an oWrite issue, then it would be nice to know so I can tell them they have an issue.

Comments : This has been fixed for oWrite version 5 and will be made available in alpha 8 for anyone with an active support subscription.

ID : 1897 **Fixed in version :** 4.9.1.0

Short Description: Error importing RTF (text colour, highlight and strike-through)

Full Description: I attempt to import an RTF file with some formatting text: Highlighted text, strike through text, text colour ...
The problem are that the imported document are different from the original.
If you import the attached file, you can see the error.
For example:
- I have the word "TEXT" in red. When importing the file all the text after this word became highlight.
- The Highlighted text isn't render in owrite

I attach the RTF example file.
The problem are present in JsOwrite and Owrite for FAT client

AttachedFile: testMatteo.rtf

Comments : We have updated our RTF handling to respect highlighted text, strike-through text and text colour changes with or without braces. However, we do not recommend the use of Wordpad for editing oWrite documents or for processing RTF for the importing into oWrite.

RTF is a historically messy format and not all so-called word processors use RTF in coherent and

standard ways. We do not have the resources to support all these variations, so our focus is to support Microsoft Word around which we design our RTF handling.

ID : 1907

Fixed in version : 4.9.1.2

Short Description: Header overflows on body

Full Description: In the attached zip file, you'll find a rtf document file.

1) Import it with the OWrite demo library on PC (Omnis Studio 10.2 and OWrite 4.9.1.0). All is good, the header displays normally (as you can see in the file "ImportOnPC.png")

2) Import it with the OWrite demo library on Mac (Omnis Studio 10.2 and OWrite 4.9.1.1). The header overflows on the body (as you can see in the file "ImportOnMac.png"). You can see the anomaly with the vertical rule. The first visible lines of the body begins around 1 cm instead of 0 cm.

AttachedFile: HeaderOverflowsOnBody.zip

Comments : This issues was caused by an arbitrary limit that we set by how much a header or footer can be grown by its contents beyond the confines of the page margins. This limit for either header or footer had been set to a max size of 40% of the page height allowing a minimum of 20% for the body. We have changed these calculations so a header may grow up to 70% of the page height and the combined footer and header do not exceed 80% in total.

OWrite Enhancements

ID : 1510

Implemented in version : 4.9.0.3

Short Description: oWrite, table, long text and page break

Full Description: The document contains a table with a header (first line) and body (second line).
The document has the property "\$papercontinuous" set to ktrue.
The table's body has the property "\$rowcansplit" set to ktrue.

Bug:

If I set the document property "\$papercontinuous" to kfalse, I expect oWrite recalculate page breaks.
But the page break isn't correct: the body of the table is partially displayed on the second page.
If the document is printed, the contents of the table isn't completely visible.
I also checked with Omnis 8: oWrite has the same behavior.
I also tried on Windows 7 and Windows 8.1 with oWrite 3.7.6 and oWrite 3.8.5: it's the same.

Instructions to replicate the anomaly:

1. Open the example library and select the "888test" document
2. Press the button "continuous paper" on the toolbar (top right of toolbar button): the document property "\$papercontinuous" is set to kfalse.
3. Look at the table's break page and its contents: they are not correct.
4. Try to print document: the result isn't correct, the document is not completely displayed

Comments : Static tables (tables that have NO list attached) will now paginate correctly when using the \$papercontinuous feature in order to edit tables in a single flow and then paginate the tables post-edit. Turning off \$papercontinuous will produce correct table headers and footers and split table rows if the appropriate table properties are set, i.e. \$scrtblpageheaders, \$scrtblpagefooters and \$scrtblrowevalcansplit are set to kTrue.

For the process of creating, evaluating, editing and previewing document templates that contain static tables we recommend the following steps:

1. create document in \$papercontinuous mode
2. evaluate document
3. edit post-evaluated document in \$papercontinuous mode
4. preview paginated document by turning off \$papercontinuous mode

We recommend that evaluated documents that contain tables for which headers and footers have been generated around page breaks and/or table rows have been split, are previewed with the document disabled, i.e. \$readonly.\$assign(kFalse). However, the order of assigning \$papercontinuous and \$readonly is important as \$readonly prevents programmatic changes to the document (including changes caused by \$papercontinuous)

When editing the evaluated document, first set \$readonly to kFalse, then assign \$papercontinuous to display the document in a continuous flow, which will remove the inserted headers, footers and merge split table rows, so the table can be edited without destroying the integrity of the table.

Example:

```
Do ivEdit.$readonly.$assign(kFalse) ;; set this first so $papercontinuous can make changes
Do ivEdit.$papercontinuous.$assign(kTrue)
```

To preview document post-editing, turn off \$papercontinuous first and then disable the editing.

Example

```
Do ivEdit.$papercontinuous.$assign(kFalse)
Do ivEdit.$readonly.$assign(kTrue)
```

ID : 1583

Implemented in version : 4.9.0.1

Short Description: Disable entry into headers and footers

Full Description: Is it possible to stop a user entering/changing data within the Header/Footer as we use these for Invoices etc and don't want the users to be able to change dates/totals etc

Comments : We have added the property \$headfootnoedit. If set to kTrue, headers and footers cannot be edited, although they are displayed if \$headfootenabled is kTrue.

ID : 1778

Implemented in version : 4.9.0.1

Short Description: Past of image into header converted to URL does not reconstitute during merge

Full Description: the bug seems to be that if I paste an image into the header of a document, then it does all the usual callbacks that are in our code which we ultimately use to produce URL string -- but it doesn't seem to actually merge the URL into the document. If I cut the image out of the header and place it into the body of the document then, voila! , it works.

So to review:

When it works, OWrite does all the callbacks and the URL returned from our callback is merged into the HTML email.

When it doesn't work, then OWrite does all the callbacks, but the URL returned doesn't get merged into the HTML email.

If you need any more detail then please ask first before you do too much investigation. I just thought I'd send a quick note to see if it's easily reproducible on your side.

I'm testing here with Studio 5.2, but the behaviour also occurs with our clients using Studio 10.0.0.3 so I don't think it has anything to do with Omnis Studio version.

samples of form and finished email in the file

AttachedFile: imageInheaderDoesntshow.doc

Comments : We have implemented the custom parameters kWriOutputHF when exporting documents to single page output formats (currently plain text and html). When this parameter is specified as kTrue, OWrite will export a single default header and a single default footer.

USAGE:

Do OWriteObj.\$savedata(htmlData,kWriFmtHtml,kTrue,kWriOutputHF,kTrue)

Do OWriteObj.\$savedata(textData,kWriFmtText,kTrue,kWriOutputHF,kTrue)

DISPLAY BEHAVIOUR:

When exporting to HTML, OWrite will attempt to make some intelligent positioning choices based on the tabs that are used in the header or footer.

TAB BEHAVIOUR:

Traditionally, the OWrite HTML export translates tabs to three or four simple spaces. This is because HTML does not support tab positions within in-line text flow. However, within headers and footers, OWrite creates separate text spans that take advantage of the HTML flex-box behaviour to simulate left-center-right tab behaviour that are typically used within headers and footers. This will produce a reasonable approximation of the aforementioned tabs. Tab combinations OWrite will look out for are:-

- headers and footers with a center and right tab

this will result in three flex boxes being used (left,center,right aligned)

- headers and footers with just a right tab
this will result in two flex boxes being used (left and right aligned)

LIMITATIONS:

Because only a single header and footer is exported, OWrite info fields which display the current page number or document page count will be nonsensical and should not be used. A typical use for a fixed footer in a html document may be some advisory note or other relevant information such as copyright info, etc.

ID : 1785 **Implemented in version :** 4.9.0.1

Short Description: Headers and footers not supported when the document is saved as plain text

Full Description: When we use OWrite with an header and/or a footer, the informations entered in these areas are not saved when we choose to use \$savedata with "kWriFmtText" as format.

Are there custom parameters to get the full text of a document ?

Comments : We have implemented the custom parameter kWriOutputHF when exporting documents to single page output formats (currently plain text and html). When this parameter is specified as kTrue, OWrite will export a single default header and a single default footer.

USAGE:

Do OWriteObj.\$savedata(htmlData,kWriFmtHtml,kTrue,kWriOutputHF,kTrue)

Do OWriteObj.\$savedata(textData,kWriFmtText,kTrue,kWriOutputHF,kTrue)

DISPLAY BEHAVIOUR:

When exporting to HTML, OWrite will attempt to make some intelligent positioning choices based on the tabs that are used in the header or footer.

TAB BEHAVIOUR:

Traditionally, the OWrite HTML export translates tabs to three or four simple spaces. This is because HTML does not support tab positions within in-line text flow. However, within headers and footers, OWrite creates separate text spans that take advantage of the HTML flex-box behaviour to simulate left-center-right tab behaviour that are typically used within headers and footers. This will produce a reasonable approximation of the aforementioned tabs. Tab combinations OWrite will look out for are:-

- headers and footers with a center and right tab
this will result in three flex boxes being used (left,center,right aligned)

- headers and footers with just a right tab
this will result in two flex boxes being used (left and right aligned)

LIMITATIONS:

Because only a single header and footer is exported, OWrite info fields which display the current page number or document page count will be nonsensical and should not be used. A typical use for a fixed footer in a html document may be some advisory note or other relevant information such as copyright info, etc.

ID : 1809 **Implemented in version :** 4.9.0.1

Short Description: Set cell alignment to full table

Full Description: I tried to set new property \$curobjalign to all cells of a table by using :

Do lvEdit.\$setselection(kWriSelectStart,kWriSelectEnd,tblId)

Calculate lvEdit.\$curtblapplymode as kWriTblApplyCells

Calculate lvEdit.\$curobjalign as kWriObjAlignTop

but it does not work (as other properties do)

Is there a possibility to set cell alignment to all cells of a table ?

Comments : This enhancement will be available in version 5.0 alpha 1

ID : 1816

Implemented in version : 4.9.0.3

Short Description: Papercontinuous solution is not working

Full Description: I'm testing OWrite paper continuous functionality and I found something disappointing with tables without variable.
Step by step:
I have a complex OWrite Doc, the same as the previous ticket. The Doc has tables, the last one without table var - it contains static text only.
I set \$papercontinuous, \$evallocal and \$evallocal and \$evalcalcs true in that order.
I save Doc into a list variable and I show it with the JSOWrite component.
I modify both tables inserting some big text into rows. That text makes rows content longer than A4 height.
I set paper continuos off and print evaluated Doc.
Result.
The PDF shows the right column page spit for the first table and not for the second one: cells in the second table is cut off to page end.
Please see the Pagano_02_EXAMPLE attached example.
The \$curtblrowevalcansplit property is influent.

I did other tests and I concluded that the split function does not work for tables without table variable on evaluated Doc.
Please try it yourself:
Create a new empty doc
Inset two empty tables with 2 cols and 2 rows each (leave table empty)
Set paper continuos on and evaluate it
Insert some big text on the first cell of each table
Set paper continuos off and print to PDF
Please see the TwoTable_EXAMPLE attached file - it is my result for this operation.
The \$curtblrowevalcansplit property is influent.

AttachedFile: EXAMPLE.zip

Comments : Static tables (tables that have NO list attached) will now paginate correctly when using the \$papercontinuous feature in order to edit tables in a single flow and then paginate the tables post-edit. Turning off \$papercontinuous will produce correct table headers and footers and split table rows if the appropriate table properties are set, i.e. \$curtblpageheaders, \$curtblpagefooters and \$curtblrowevalcansplit are set to kTrue.

For the process of creating, evaluating, editing and previewing document templates that contain static tables we recommend the following steps:

1. create document in \$papercontinuous mode
2. evaluate document
3. edit post-evaluated document in \$papercontinuous mode
4. preview paginated document by turning off \$papercontinuous mode

We recommend that evaluated documents that contain tables for which headers and footers have been generated around page breaks and/or table rows have been split, are previewed with the document disabled, i.e. \$readonly.\$assign(kFalse). However, the order of assigning \$papercontinuous and \$readonly is important as \$readonly prevents programmatic changes to the document (including changes caused by \$papercontinuous)

When editing the evaluated document, first set \$readonly to kFalse, then assign \$papercontinuous to

display the document in a continuous flow, which will remove the inserted headers, footers and merge split table rows, so the table can be edited without destroying the integrity of the table.

Example:

```
Do ivEdit.$readonly.$assign(kFalse) ;; set this first so $papercontinuous can make changes
Do ivEdit.$papercontinuous.$assign(kTrue)
```

To preview document post-editing, turn off \$papercontinuous first and then disable the editing.

Example

```
Do ivEdit.$papercontinuous.$assign(kFalse)
Do ivEdit.$readonly.$assign(kTrue)
```

ID : 1819 **Implemented in version :** 4.9.0.1

Short Description: Different Character for Bullet list

Full Description: Most of my customers work in desgn, printing and grafics. They are very demanding regarding typography.
Some of them do not like the bullet for unnumbered lists, but would like to use a 'ñor thelike.

It would be nice, if there was a configuration-item for the hole oWrite or for every list, which 'bullecharacter' should be used.

Comments : There is a new property called docbullecharacter which can be assigned to specify a different bullet character.

Note for jsoOWrite: Custom bullet chars are not supported by all browsers (i.e. Safari, IE and some other minor browsers do not support it)

ID : 1822 **Implemented in version :** 4.9.0.3

Short Description: Maximum height for a row

Full Description: i've seen that it's possible to set the minimum height for a table row, but i haven't seen the possibility to set a maxmium height.

We received some requests from our clients to have this option, because we have several tables which are dinamically generate from user-defined pictures and, in these table, the row height it's determined from the picture height.

It would be nice to have the possibility to set a maxium row height, that works as a constraint for the picture height (ideally the picture should scale proportionally).
If the text overflows the row height, it could be simply truncated (like it happens now with a too small text box).
In our cases, the text overflow should't be a problem, since the text is always a short description of the picture (i've attached an example).

An alternative solution could me to set only a maxium height that works only for the pictures, since the main complaint it's about the different pictures size (and the don't want to manually set the size of the original images).

AttachedFile: table_example.png

Comments : We have added the property \$curobjevalmaxheight to text boxes and table cells. Setting this value to a non-zero positive value, limits the box or cells vertical growth to accommodate data to the specified centimetres or inches.

If the assigned value is negative, the height is limited to the number of specified lines of text based on the font line height that is used inside the cell. The inner maximum cell height is calculated assuming a single paragraph of text that may or may not wrap. In other words the inner cell height is based on the

following formula

$$(\text{font ascent} + \text{font descent}) * (-\$curobjevalmaxheight) + \$spacebefore + \$spaceafter$$

This feature is useful to limit the height of pictures to perhaps conform to the expected number of lines of text in the other cells of the row. Equally, cells containing text can be limited to the same number of lines by assigning the same max value to all cells in a row.

ID : 1835

Implemented in version : 4.9.0.4

Short Description: Numbered and bullet list : problem to produce sublevel

Full Description: When we use the numbered or bullet list function in Word, we use the tab key to change a level into a sublevel or shift + tab to change a sublevel into a level (cf. Word.png uploaded file).

But in OWrite, the tab key only produce a tabulation character after a numbered level (cf. OWrite1.png uploaded file)

So, the only complicated solution is to edit several parameters of each level (indentation, list type, start list at) to obtain this kind of list (cf. OWrite2.png uploaded file) :

1. First level
 - a. Sublevel 1.1
 - b. Sublevel 1.2
2. Second level
 - a. Sublevel 2.1
 - b. Sublevel 2.2
 - c. Sublevel 2.3

Do you have a simple solution for our users who want to work in OWrite like in Word ?

AttachedFile: Numbered and bullet list.zip

Comments : We have added the new property \$curlistlevel. By default this is zero for all list items in a single level list. Increasing this value will create a sublist with its own list count. We have also configured certain key presses to manipulate list levels.

- "Return" key: pressing the Return key on an empty list entry will reduce the list level by one or turn off the list if the list level is already zero.

- "Tab" key: pressing the tab key at the beginning of a list item will increase the list level by one.

- "Backspace" key: pressing the backspace key at the beginning of the list item will reduce the list level by one or turn off the list if the list level is already zero.

When increasing a list level, oWrite will search for previous list entries of the same level in the document and use the same list type for the newly indented list entry. If no other list entry of the same level is found, oWrite will choose some default similar to choices observed by the latest MS-Word. Of course, after oWrite picks the initial list type, the user or your code can change this to another type by assigning \$curlisttype.

ID : 1860

Implemented in version : 4.9.0.2

Short Description: Ability to set border line style and colour

Full Description: The properties \$bordercolor and \$linestyle can now be set for oWrite desktop implementations.

Comments :

ID : 1861

Implemented in version : 4.9.0.3

Short Description: Ability to edit default headers and footers when \$papercontinuous is true

Full Description: We have changed the behaviour of \$papercontinuous so that at least the default header and footers can be edited while in this mode. If you are using \$papercontinuous to allow the save editing of post evaluated documents, we recommend you only use default headers and footers for such templates and evaluated documents as in \$papercontinuous, these may be the only headers and footers that will be visible. In other words turn off \$headfootfirstpage and \$headfootoddeven.

THIS IS A CHANGE IN BEHAVIOUR

To restore the original behaviour, simply turn off headers and footers by executing \$headfootenabled.\$assign(kFalse) when setting \$papercontinuous to true, or when loading a document that has this flag set.

Comments :

ID : 1862

Implemented in version : 4.9.0.3

Short Description: Ignore page breaks in \$papercontinuous mode

Full Description: We have changed the behaviour of \$papercontinuous so that inserted page breaks do not generate new pages in this mode. It actually makes no sense that multiple pages are generated in this mode. The page break is still shown in the same way then it is visible in the "Normal" view that also displays the document content in a continuous flow. Thus the \$papercontinuous mode is now behaving like the "Normal" view mode with the addition that margins and default headers and footers are displayed and can be edited.

THIS IS A CHANGE IN BEHAVIOUR

There is no option to restore the old behaviour as we feel the old behaviour is not intuitive.

Comments :

ID : 1886

Implemented in version : 4.9.1.0

Short Description: Getting OWrite to evaluate a hyperlink

Full Description: I've enclosed some code snippets and example of what I'm trying to do -- which :
- create an unsubscribe email Hyperlink in an owrite document
- that I fill dynamically -- since it needs to be different for each and every eblast that goes out
- and that I want to be 'no line if empty ... Meaning, if I'm printing, I'll have the URL empty, and then that would mean that the unsubscribe text would conditionally (not print) on printers, but would print when emails ...

hat have I done. I'm pretty proud of how far I got .. I spent about 4 days reading things and following the existing code in Theatre Manager.

In the attache files

1. InsertFromPpopupMenu

I adapted the popup so that I can insert a field. it used \$execStdWpFieldsMenu.. but the function is \$cinst.\$openURL() since that gets me the interface that I want.

2.InsertFieldoPopupMenuOwrite

When I hit the insert code, which I copied form \$insertHyperlink, I intercept the code and pass it off to insertHyperlink.

3.FieldAndFormatting

That gets me the right window, with the 'name' at the top that says 'Unsubscribe URL'. I did it this way so that the end user can change the text, but not the link

the link is a FIELD in a read only file format called R_UNSUBSCRIBE_URL (doesn't have HTTP on it). I used this concept because I know where the eval stage of the merging runs through a method that fills in any exception variables.

4.MergeProcessSets The Value

and you can see a function that sets the value of R_UNSUBSCRIBE_URL. I know that it works because I see the value inserted into that global variable

when the merge is done and the email sent, I look at the final document that sits in my email in basket.

I copy the link behind the 'UnsubscribeEmail and it says the words below. If I intercept the owritr document after merge, it sats the same things

```
x-webdoc://5C3928D6-6DB9-4137-9345-B8B48677615C/R_UNSUBSCRIBE_URL
```

so the two questions are:

1) what Can I do to make owrite merge a link into this field that is a 'dynamic hyperlink?

I've put breakpoints into the various places that load up other field, including the \$openURL function -- and it doesn't seem to go any place that I can definitely replace the contents of the field.

2). how to I make it so that the URL is not put on the letter if the contents of R_UNSUBSCRIBE_URL is empty.

will setting \$curobjstripempty ktrue for the URL field do the trick for me?

I've I get this working, Next step is to add another URL that has google analytics in it -- which I can pull from a default page.

other, hard coded URL's work just fine.

and in my first attempt, I used the option to insert a normal field -- and I got the long URL on the eblast ... I chose to NOT stick wit that approach because I wanted the end user to be able to use a field that looked like a hyperlink, where the text that is displayed on the letter can be altered.

I'm sure I'm close...

If you have a hint, that would be great.

AttachedFile: ForMichael.zip

Comments : We have added a new evaluation property called \$evalclickcalcs.

Background:

This property is useful in documents that contain older style calculated fields that are used as links. These older style fields may only have a calculation for when the field is clicked (\$curobjclickcalc), whereas the calculation for the display of the field (\$curobjcalc) is empty. Such a field will use the static text assigned to \$curobjdisplay. However, sometimes it is necessary to change the display text or

suppress it altogether, but because \$scurobjcalc will be empty, this cannot be done as part of evaluating a document.

What it does:

If this property is kTrue at the time you assign \$evalcalcs to evaluate a document, oWrite operates as follows. When a calculated field does not have a notation string for its calculation, i.e. something like \$cinst.\$evalClickDisplay(...), but the \$scurobjclickcalc has a notation calculation, i.e. something like \$cinst.\$showURL(...), oWrite will use the \$scurobjclickcalc calculation as the notation to call to decide the display of the text

How to use:

To use this property, it must be set to kTrue, prior to assigning \$evalcalcs to evaluate a document. Documents should be evaluated local (set \$evallocal to ktrue also) to an object class derived from the non-visual oWrite document object that loads the document and evaluates it. This object class should contain the notation functions that are used by \$scurobjclickcalc to return the display text based on your current requirements. For example: If your calculated field uses \$cinst.\$openURL("ADDRESS"), your object class should implement \$openURL with a single parameter for receiving the address. You could then decide to either change the display text by returning it or return an empty string to suppress the display.

IMPORTANT NOTE: this feature was added to specifically deal with existing documents that may only utilize a single calculation for clickable calculated fields, where the display requires additional manipulation as part of evaluation. The preferred method should be to provide calculations for both the display (\$scurobjcalc) and the action (\$scurobjclickcalc), as this is the most flexible approach. The May 2021 Newsletter will include examples for using calculated fields in this way.

ID : 1892 **Implemented in version :** 4.9.0.8

Short Description: Transparent text boxes

Full Description: Using \$::insert() I am able to insert text boxes that contain the individual elements. The challenge that I am having is that background of the text boxes appear to be opaque which is causing some of the elements that are overlapped to be obscured.

It's there a property that I can set to set background of boxes to be transparent?

Alternatively, is there any other way to place text on a document at an arbitrary location?

Comments : We have updated the text box to allow the use of kColorDefault for \$scurobjfillcolor to indicate that the text box background is not filled in. However, this only makes a text box transparent in relation to other objects such as other text boxes and picture objects. Any root paragraph content will continue to be visible according to the text box's \$scurobjfmt setting.

ID : 1893 **Implemented in version :** 4.9.1.0

Short Description: Simple plain text find and replace

Full Description: We have added the ability to pass plain text to the \$findinit and \$findnext methods. They can now be used by directly passing plain text instead of using find and replace objects.

Example:

```
Do oWriteObj.$findinit("today",kTrue)
Do oWriteObj.$replace("today","Tuesday",kTrue)
```

This will replace all occurrences of "today" with "Tuesday".

Comments :