Bug Fixes

ID : 756	**Fixed in version :** 3.0
Short Description:	OWrite Unicode fails loading RTF

Full Description: Here is some code that works just fine, using the non-unicode version, on Mac OS, Omnis Studio 4.3.0

Calculate iDisplayText as
con('{\colortbl;\red255\green255\blue255;\red255\green3\blue6;\red27\green34\blue243;}',iDisplayText)
Calculate iDisplayText as replaceall(iDisplayText,chr(13),' \par ')
Calculate iDisplayText as replaceall(iDisplayText,chr(9),' \tab ')
Do irWrite.$loaddata(iDisplayText,kWriFmtRTF,kFalse)

I collect some text and I display it as rtf.

When I use unicode version, Studio 4.3.1.4 it just shows the text as plain text, so, the rtf-codes are displayed in text as well and there are no indents and paragraphs in the text.

Comments : OWrite now fully supports the loading or inserting of raw RTF when using Unicode Omnis and the RTF is in a UTF32 text variable. Unicode characters above 127 embedded in the RTF, will now be handled correctly by OWrite.

ID : 892	**Fixed in version :** 3.0
Short Description:	Copy and paste table looses some properties

Full Description: A user find an issue when copy and paste a table with or without a calculation.
The user enable/disable some property for the table (for example: many row to one record, enable header row, disable footer row, split row), but when he copies the table from another document all the properties are reset.

Comments :

ID : 897	**Fixed in version :** 3.0
Short Description:	load data

Full Description: oWrite not load correctly data.
I have a document with list like
  1. 111111111111111111111
  2. 222222222222222222222
  3. 33333333333333333
IV. asddddddd
but when i load data the numbering is disappear.

I save oWrite contents in RTF format (in binary variable) in database.
For load I retrieve data in a binary variable an load it in oWrite, but numbering is disappear.
I use for load:
$cinst.$objs.owrite.$loaddata(pBinary,kWriFmtRTF,kFalse)

Comments : This has been fixed for version 3.

IMPORTANT NOTE!

We do not recommend storing your master documents as RTF, because standard RTF does not support all OWrite features and we do not provide 100% compatibility with RTF. You should save your master documents that you intend to continue editing as kWriFmtDefault. The RTF export and import is provided purely to transfer documents between different word processors. Additional editing may be required to get them to look correctly when importing RTF into OWrite.

ID :	928	Fixed in version :	3.0.0
Short Description:	Change the font or size		

Full Description: Since we are working on the new version of oWrite, I would draw your attention to a problem that has always been present, it is that when you change the font or size, this change is not made ​​available to the user until makes use of the keyboard, when you would expect at least the cursor changes in size, also if you do is insert a variable in the text, this insertion does not collect the type and size change made ​​unless the user previously found typing some text.

Comments : The cursor not changing until the user starts typing is standard word-processor behaviour and cannot be changed. See "Pages" or "MS Word 2011". Both these word processors behave in the same way.

We have resolved the issue inserting calculated fields.

ID :	945	Fixed in version :	3.0
Short Description:	Crash with cut and paste into OWrite field		

Full Description: I have a problem with cut and paste from outlook (on PC) into an oWrite - field in the WebClient . When I take the text between the lines below, unfortunately the client crashes. Sometimes the server crashes very hard… We use the 3.0 alpha release.

Comments : 'the text between the lines' contains a table field. There was a general problem with importing table fields via RTF which has now been resolved.

ID :	950	Fixed in version :	3.0
Short Description:	Indenting not correct when applying bullets or numbering		

Full Description: If one has one or more paragraphs in a large font size, i.e. 18 or more, and one applies bullets or numbering to the paragraphs, the text is not indented correctly and the bullet or numbering is to close or even overlaps the text.

Comments : We have changed OWrite to consider the current font size when applying bullets or numbers. When changing the font size, each paragraph will now also check the bullet or number state to determine if the indenting has to be updated.

ID :	969	Fixed in version :	3.0.0
Short Description:	Redraw issue when resizing footer or header		

Full Description: I can happily enter a new paragraph in the footer and the footer grows upwards. Changing the footer margin (margin from bottom edge of paper), does work. It moves the footer up or down. However, there is a redraw issue. The footer is not redrawn with the new settings until you click in the footer. The same is true for the header.

Comments :

ID :	983	Fixed in version :	3.0.0
Short Description:	Replace Function always Replaces with an Empty String		

Full Description: while testing the replace function with the non visual oWrite component on
System: Win XP
Omnis Version: 5.1
oWrite Version: 3.0.0 alpha 9 (Fat Client)]
with the following code:

```
Do iSearchObj.$text.$assign(pSearchString) Returns lReturn
Do iReplaceObj.$text.$assign(pReplaceString) Returns lReturn

Do $cinst.$#findinit() Returns lReturn
Do $cinst.$#findnext() Returns iContinueSearch

Do $cinst.$replace(iSearchObj.$owriteobj,iReplaceObj.$owriteobj,kFalse) Returns lReturn
```

we always get the Result that the pSearchString is replaced by an empty string and not
by the pReplaceString.

Using a new Version of oWrite we could see this behaviour in your example project, too.
With an old Version of oWrite the replace function in your example seems to work fine.

Comments : This will be fixed for the alpha 10 release.

ID :	991	Fixed in version :	3.0.0
Short Description:	Copy & Paste from an Outlook picture leads to a crash of the Omnis Plug-in		

Full Description: The Picture in the bottom part of the E-Mail (Tomaschett & Cioce) leads to an Omnis Plug-in crash in
some cases.
The crash only occurs in Outlook 2007 and Outlook 2010 on Windows systems.
Outlook 2003 and older do not lead to the crash and also on a MAC systems the crash does not occur.
For testing this use the right mouse button and click Copy
(In the Outlook Versions that lead to a crash, Copy is the only enabled context menu item!)
Set the cursor to any oWrite Text field and press Ctrl+V
-> The Omnis Plug-in crashes

Comments : The issue was related to PNG image using 8 bit colour table entries instead of the usual 24 or 32 bit
encoded values. This issue only effected windows. While fixing this issue we also updated our PNG
library code to pnglib 15.7 and we recommend that you test all imports involving pictures.

ID :	994	Fixed in version :	3.0.0
Short Description:	Copy & Paste of RTF Text		

Full Description: there are special parts of RTF Text
that we cannot Copy & Paste from one
oWrite to another oWrite. Pasting the
same RTF Text from the Clipboard to
any other Editor is no problem.

Comments : It appears there is a problem with style names that contain non-ascii characters when using the
Unicode version of Studio.

We have fixed both unicode and non-unicode versions so that they handle unicode characters within
style names.

ID :	996	Fixed in version :	3.0.0

Short Description: spell checking changes text before its told to

Full Description: In the example library I added a new document and a word that was wrong and ran spell checker on that field.

This was the word it was checking (and the entire contents of the new doc).
wwrongg

In the top section of the spell checker window, I changed the word it was checking to:
wwrong

When I clicked on continue this is what i got
wwro

at this point its changed in both the spell checker window and the document. If i click on cancel the text does not change back to what i entered.

In our application this only happens when the oWrite component is on its own window. when incorporated into another by using a sub window it seems to work fine.

Comments : We have reproduced a problem which is slightly different but that could be because we were working with different text. When using the interactive spell-check and one manually corrects the word in the 'Not in dictionary' entry box in the spell checker window, the corrected sentence is corrupted and we end up with strange characters towards the end of the sentence.

CONCLUSION:
This was a unicode issue with OWrite and has now been fixed.

Regarding the issue when clicking a cancel button. The cancel button on the spell checker window, does not unroll corrections that have already been made. The moment one clicks continue, the manual changes made to the sentence will be committed to the document.

ID :	999	Fixed in version :	3.0.0

Short Description: Returning RTF data in calculation does not work.

Full Description: When saving OWrite data as RTF it is saved to a binary field and contains 7bit ASCII single byte characters. When one uses this data to return it as the result for a calculated field, it does not display.

Comments : OWrite recognised that it was RTF but failed to consider the format and expected the RTF to be in Omnis character format. This works fine in the non-unicode version, but in the unicode Omnis, OWrite only supported UTF32 characters. We have changed unicode OWrite so it handles both single byte ASCII RTF and RTF in UTF32 format.

ID :	1009	Fixed in version :	3.0.0

Short Description: Typing when cursor is in front of field adds to the field

Full Description: When a field is the first text of a line and you put the cursor in front of the field text, then, if you start typing, the characters will be added to the field instead of in front of the field. So when you re-evaluate the calculations your text will disappear. When the field is the first item of a line text should be added in front of the field, just like when the field is somewhere in a line.

Comments : This fix required changes in core style-run handling and the general editing and in-line style changes should be tested for backward compatibility issues.

ID :	1012	Fixed in version :	3.0.0
Short Description:	Empty picture crashes OWrite		

Full Description: If an empty picture is returned from a calculation of a calculated picture field, OWrite crashes

Comments :

ID :	1013	Fixed in version :	3.0.0
Short Description:	Selecting evaluated fields		

Full Description: I want to select an evaluated field. I want users to be able to make (just one) field permanent so they can edit it. If I use $setselection to select the object then the enter after the object is selected (probably the insert point + one character). I think it should select the complete field content.

Comments : We have overhauled $setselection in regards to OWrite objects in general, and all code that relies on the current selection should be tested for backward compatibility issues.

When an object ID is specified the selection range that is specified alongside it has the following effects:

$setselection(0,0,obj_id)
Preserves pre v3 behaviour as much as possible. Table cells will be selected for editing and the input cursor is placed at the beginning of their content. For evaluated calculated fields, the input cursor is placed at the beginning of the result (change from v3 behaviour). For all other objects the selection range is ignored and the object is selected for inspecting, moving and sizing.

$setselection(kWriSelectStart,kWriSelectEnd,obj_id)
Container objects such as text boxes and table cells are selected for editing and the entire content is selected. For evaluated calculated fields the entire result is selected for editing. For all other objects the selection range is ignored and the object is selected for inspecting, moving and sizing.

$setselection(kWriSelectStart,kWriSelectStart,obj_id)
Container objects such as text boxes and table cells are selected for editing and the input cursor is placed at the beginning of their content. For evaluated calculated fields the input cursor is placed at the beginning of their result. For all other in-line objects the input cursor is placed just in front of the object. For all other objects the selection range is ignored and the object is selected for inspecting, moving and sizing.

$setselection(kWriSelectEnd,kWriSelectEnd,obj_id)
Container objects such as text boxes and table cells are selected for editing and the input cursor is placed at the end of their content. For evaluated calculated fields the input cursor is placed at the end of their result. For all other in-line objects the input cursor is placed just after the object. For all other objects the selection range is ignored and the object is selected for inspecting, moving and sizing.

$setselection(1,5,obj_id)
Container objects such as text boxes and table cells are selected for editing and characters 2 to 5 within their content are selected. For evaluated calculated fields characters 2 to 5 within their result are selected. For all other in-line objects that have no content for editing, the 4 characters following the specified object are selected. For all other objects the selection range is ignored and the object is selected for inspecting, moving and sizing.

Also see release notes ID 1077.

ID :	1015	**Fixed in version :**	3.0.0

Short Description: Copy & Paste of an RTF Text leads to Plug-in Crash

Full Description: There seems to be another problem when pasting special RTF Text from Outlook E-Mail Clients. If you select all the Text and Paste it to an OWrite this leads directly to a Crash of the Omnis Web-client Plug-in.

Comments : The RTF included a nested table that caused the crash. We have fixed the specific issue regarding the crash, but as OWrite does not support nesting of tables, the resulting document is very messy.

ID :	1019	**Fixed in version :**	3.0.0

Short Description: HTML Export: In-line image not vertically aligned correctly

Full Description: When exporting an in-line image that has the vertical align set to centre, the surrounding text, when exported to HTML is aligned at the top of the in-line image.

Comments : This was caused by changes to the HTML 5 standard which made an images align attribute obsolete. We have changed OWrite to embed a CSS style setting instead. However, we have noticed that two browsers do not handle a child element overriding the vertical-align setting if the parent paragraph has a vertical-align setting specified. The two browsers effected are Safari and Google Chrome. We have reported this issue to Apple. The change fixes the issue for IE9 and as far as we can tell it never was a problem in Firefox or Opera.

ID :	1021	**Fixed in version :**	3.0.0

Short Description: One Character is cut from the Calculated Field text

Full Description: The Parameter pObjCalc cuts of the Last Character of the Calculation String
This is my program code:

On evObjClick
Do method $cinst.$#executeFunction (pObjID,pObjName,pObjCalc) Returns lReturn

This was the content of Parameters before:

pObjID = 10492
pObjName = ALOIS (Alois Dallmayr Kaffee oHG, 1234)
pObjCalc = 1267

This is the content of Parameters in 3.0.0 alpha 10:

pObjID = 10492
pObjName = ALOIS (Alois Dallmayr Kaffee oHG, 1234)
pObjCalc = 126 ç string is 1 character to small

Comments : This was caused by the calculation containing a ';' character which is normally used to separate the object name and calculation name. In alpha 10 the parsing of calculations has changed slightly so this issue may have been a regression.

IMPORTANT NOTE: We have made a small change so that calculation will continue to allow the use of the ';' character, but the ';' character cannot be used in the names part of the calculation.

ID :	1026	Fixed in version :	3.0.0
Short Description:	Copy & Paste: missing double quotation mark		

Full Description: When I Select a string in double quotation marks and paste this string (without the Carriage Return) in the text again, the last quotation mark is cut of.

Comments : This fix required some changes to the export and import of RTF, as well as the copy and paste functionality, and these areas should be tested for backward compatibility issues.

ID :	1039	Fixed in version :	3.0.0
Short Description:	Problem with split table cell		

Full Description: I've a problem with the split of table cell when the cell cross on more than two pages.
I Attach 2 documents:
-Evaluated_Document (the cell that don't split are on page 3)
-Original_Document (the document with the variable not evaluated)

Comments : This has been fixed for the version 3 beta release. A newsletter will be send out shortly announcing the release of the first beta.

ID :	1043	Fixed in version :	3.0.0
Short Description:	OWrite hanging after returning calculation data		

Full Description: I am experiencing some hangs from OWrite when evaluating calculations.

Comments : The hang was caused by a calculated field returning RTF with no content, i.e. parsing the RTF inserted no text or any other data. It only contained style information. Traditionally calculated fields were not allowed to return an empty result but the safety measures were circumvented by returning empty RTF.

This fix resolves general instabilities related to empty results.

ID :	1045	Fixed in version :	3.0.0
Short Description:	can crash oWrite 3a10 (or 11) by click on link		

Full Description: here's a trace log of a crash -- generated using your write demo. I can repeat it over and over.

steps:
1) open owrite demo
2) click on 'example mail merge' on left
3) click on 'Run Mail Merge' in the document.

Comments : The crash was caused by changes for enhancement 641

ID :	1055	Fixed in version :	3.0.0

Short Description: Text getting cut off at bottom when printing

Full Description: I spoke too soon in my earlier email. The issue with the text being cut off still exists in owrite 3 but it does seem to work more often. I've included a sample library and print file that hopefully will illustrate the issue. I'm using Arial Narrow here.

I am on mountain lion and using a retina display hence the higher res screen shot that is included.

Comments : We believe this is a fault in the Omnis print manager as OWrite sets a flag that tells Omnis to size the clipping box around the text that is added to the print job.

To work around this we had to change this flag and let OWrite calculates a more accurate height. All printing should be tested to ensure this change has not adversely effected other fonts and sizes.

ID :	1065	Fixed in version :	3.0.0

Short Description: Urgent: owrite3 exports raw HTML different than oWrite2 and adds tags

Full Description: this is one area I didn't test before deploying oWrite3 to the field.... so I got hit with it in a live customer situation.

Merging letters and emailing works. However exporting raw HTML where the letter contains <html><head> does not behave the same and I'm kind of hoped (or I might be able to make a temp work around, not sure yet).

here's the issue

file 1 CopyPasteRaw.html contains the raw html that I paste into a letter. I have done this in both owrite 2.7.1 and owrite 3 (version 52.292) and will do a merge and email of them.

2 oWrite3MimeHeader.jpg shows that the email headers in Studio 5.2.2. They look the same as in Studio 5.2 where I'm testing oWrite2.7.1 with the same file.

3 oWrite3HTMLText contains the 'TEXT/HTML' value from the above image. It has additional html that was injected by oWrite3 that it shouldn't have.

4 owrite3PLAIN is the original plain text contained in the owrite document. I can use bbedit to compare the 2 and they are the same.

-------- the result is that the merged email looks like '9 Does Look like.jpg' which is not right at all.

If I use the same html file and merge with owrite 2.7.1

5 owrite2MimeHeader shows that the mime headers are the same

6 oWrite2HTML.txt is the content of the html header exported by owrite ... which is NOT the same as what was exported by owrite3.

7 oWrite2PLAIN.txt contains the plain text portion -- which is the same as owrite3

8 should look like.jpg is the result of the email sent by owrite 2.

anyway.. hope this is easy to follow .... its got me sunk.

Comments : When the document's input cursor (current working selection in non-visual object) was inside the document header or footer, or inside a table cell or text box, at the time the $savedata call was made, the kWriHtmlRawSupport option was not working resulting in the raw HTML in the document to be treated as standard text.

ID :	1071	**Fixed in version :**	3.0.0
Short Description:	oWrite crash loading a document on OSX		

Full Description: I can recreate this crash on this letter each time I try to load it --- other letters load fine -- so I'm sure its got to do with the contents of the document, although what I'm not sure.

I created this in my sample database, so it may also be a type of case that others may not be able to create .. maybe because I've been using the alpha and beta to test things. however ... looking at the crash log, it looks like oWrite went into an infinite loop on 3 lines -- which generally indicates a boundary condition situation that you may want to know about.

416 com.brainydata.component.owrite 0x0ec50337 clObject::evalCalc(clDoc*, EXTfldval*, EXTqlist*) + 39
417 com.brainydata.component.owrite 0x0ec99233 clCalculation::showRTF(clDoc*, unsigned char) + 107
418 com.brainydata.component.owrite 0x0ec9965c clCalculation::clearEval(clDoc*) + 104

In the files, I have:
- owriteCrashLog.txt (its the same for the 6 times I tried this)
- oWriteBinaryFile - this was created in the omnis debugger and is the value of 'iRecList.LE_DOCUMENT_DATA'. I inspected the value and dumped it to file.

- loadLoopCrash.jog indicates the line that it crashed on

do iFRefOwrite.$evalcalcs.$assign(kfalse)

Prior to that, the program flow is:
1) $loaddata
2) $fixToolTips. that code is shown in entirety in the 'ObjectsInDocument.jpg' as it really just looks for '&' in the tool tips and does replacement. I include it because it shows that oWrite can find the 12 objects in the document and what they look like. To my recollection, this is the contents of the document when I created it a while back.

3) then it does the $evalcalcs.$assign(kfalse).

when I step over that line, I get a crash.

I hope that helps find the issue.

Comments : This change effects saved documents that use the $curobjshowrtf feature. Documents that use this feature should be tested for backward compatibility.

ID :	1077	Fixed in version :	3.0.0

Short Description: $getselection not returning calculation object

Full Description: When the result of a calculation contains empty lines (i.e. returns without any text on the line), $getselection will not return the current calculation object when the cursor is on the empty line.

I want to block users from editing calculation results, so I check if the cursor is located inside a calculation and if so, block the editing. Because of this bug this doesn't work when you are on an empty line.

Comments : We have overhauled $getselection, $curobjid and $curobjcontainer in regards to OWrite objects in general. All code that relies on these methods should be tested for backward compatibility.

The method $getselection and $curobjid will now return object IDs of in-line objects or evaluated calculation objects, if the object is selected or the selection is within the object's result. The selection range returned will be local to the object so it is more compatible with the recent changes made to $setselection (see Release Note ID 1013).

If the input cursor is placed on either side of an in-line object, neither $getselection or $curobjid will return the object's ID.

If $curobjcontainer is set to kTrue, both $getselection and $curobjid will ignore any in-line objects that may be selected and return the container object, i.e. a table cell, that owns the in-line object.

ID :	1080	Fixed in version :	3.0.0

Short Description: oWrite Image error

Full Description: I've this problem with copying and pasting a picture in oWrite documents. As you can see in the attached screen shot, the pasted image is yellow.

The steps to replicate the error are:
1) Insert a image with "Paste from file" (Image 1 in my example)
2) Copy the image with CTRL-C
3) Paste the image with CTRL-V

The new image (Image 2 in my example) is yellow.

This happens even when pasting the image in a new oWrite document.

Comments : This is a regression and was caused by changes made for case 991 (see v3 alpha changes).

ID :	1082	Fixed in version :	3.0.0

Short Description: Header erases background picture

Full Description: The documents header and footer boxes erase over a background picture that has been placed underneath it.

Comments :

ID :	1084	Fixed in version :	3.0.0

Short Description: Can't insert calculated tables in oWrite beta 2 example

Full Description: In 'owrite_plus_examples_3_0_0_beta_2' I'm trying to insert a calculated table using the fClients file, but output table is wrong, only the first cell has a calculation.

1) Go in the document group "Templates"
2) Insert the table using the toolbar button "Insert" - > "Table"
3) Choose fClients in the "Table/File name" drop down list
4) Fill the columns with: sec, picture, name, address and country
5) Check "First row is header row"

I'm sending you my 'owrite_plus_examples_3_0_0_beta_2' library where you can see the wrong table in "Templates" document section.

IMPORTANT: You've to use my example file.

I've tried this on Windows 7 only.

I use the same logic as your example in my program to build calculation tables, so to me is important get this fix.

In owrite 3.0.0 Beta1 everything goes fine.

Thank you.

Comments :

ID :	1085	Fixed in version :	3.0.0

Short Description: Current object id while evaluating objects

Full Description: I have a small enhancement request for OWrite. When executing the object calculation it would be nice if I could get the object ident of that calculation object. Now $curobjid is the id of the previous one. So from the object list I can get the current one, but that has some additional cost in execution. If you would set the $curobjid _before_ the calculation is evaluated this would be extremely helpful.

I want the object ID so I can enhance my own chapter numbering system.

Comments : This was considered a bug as the original intention was that $curobj... properties should point to the object that is being evaluated.

ID :	1088	Fixed in version :	3.0.0

Short Description: Merging of cells looses data when $papercontinuous is set to kTrue

Full Description: When a table row is split across page boundaries when assigning $evalcalcs to kTrue or $papercontinuous to kFalse. The subsequent merge of a table cell looses the data that was split across the next page when assigning $papercontinuous to kTrue. This only occurs when the cell was split on a paragraph boundary. For example.

If a cell contains three paragraphs with just one word each

One
Two

Three

and the cell is split between the paragraphs One and Two, the subsequent merge of the cell will loose the last two paragraphs.

Comments :

ID :	1090	**Fixed in version :**	3.0.0

Short Description: Zero font size problems

Full Description: Specifying a zero font size for $curfontsize was causing problems with the default line height and calculating character widths. Was causing a number of minor issues related to text measuring.

Using a zero font height is a way of telling Omnis to use the systems default font size. OWrite was not considering the systems default font size when measuring text in some circumstances.

Comments :

ID :	1091	**Fixed in version :**	3.0.0

Short Description: First tab position incorrect for bullet/numbered lists

Full Description: OWrite was not considering the left indents as a tab position when the left indent was different to the first line indent. Using the left indent position as a tab position when the first line indent is positioned further to the left is standard behaviour in other word processors.

Comments :

ID :	1092	**Fixed in version :**	3.0.0

Short Description: Intermittent crash when changing selections in document

Full Description: This crash only occurs in unusual circumstances involving calculated fields.
This crash was caused by changes for case 1013.

Comments :

ID :	1094	**Fixed in version :**	3.0.0

Short Description: Copy and paste multiple paragraphs formats text incorrectly

Full Description: When partially selecting text from two paragraphs with different formatting, the formatting of the first paragraph is applied to the text from the second paragraph on a paste.

Comments :

ID :	1096	**Fixed in version :**	3.0.0

Short Description: Search for $curlisttype using the search object does not work.

Full Description: When assiging a value to $curlisttype to the search object it does not find any paragraphs with matching list types.

Comments : Assigning $curlisttype was inadvertaintly altering the first and left indent values to random values.

ID :	1098	**Fixed in version :**	3.0.0
Short Description:	Assigning a font name in the search object causes a crash		

Full Description: When searching for specific fonts in a document, assigning $curfontname crashes Omnis

Comments : This was caused by changes for the new font family and typeface handling.

ID :	1099	**Fixed in version :**	3.0.0
Short Description:	Clicking calculated field no longer selects it		

Full Description: When clicking a calculated field with a click calculation, it is no longer selected prior to executing the calculation. This makes it impossible to query object properties with the method that is executed by the click calculation.

Comments :

ID :	1100	**Fixed in version :**	3.0.0
Short Description:	Spell checking document ignores table cells		

Full Description: When spell checking a document using the spell check window, does not check the content of table cells.

Comments :

| **ID :** | 262 | **Implemented in version :** | 3.0.0 |

Short Description: Request 'Execute Calculation on Clicks' for Picts

Full Description: It Should be useful to have the 'Execute Calculation on Clicks' attribute for picture objects.

Comments : As part of this enhancement we have separated calculations for clicks from calculations for data. This required some re-working of existing and implementation of new properties.
The properties $curobjdata and $curtbldata are now obsolete are but still supported for the time being. The following properties replace $curobjdata and $curtbldata.

   $curobjname: the internal name of the object
   $curobjdisplay: the display text for calculated fields, text-boxes, and cells, or the display icon id for calculated pictures
   $curobjcalc: the data calculation for calculated fields, text-boxes, cells and pictures
   $curobjclickcalc: the calculation that is executed when $curobjclicks is enabled and the user clicks the field. This calculation can be empty in which case the event evObjClick is send to the $event method
   $curobjclicks: if set to true, users can click the calculated field or picture (existing property).
   $curtblname: the internal name of the table
   $curtblcalc: the data calculation for the table which must return list data or specify a list variable by name.

These changes will allow a calculated field or picture to have both their display data calculated, and execute a separate calculation when clicked. When a document is loaded the existing settings are not converted and calculated fields will behave as before. Only when one calculates the new $curobjclickcalc property will conversion take place so a field can have both data and click calculations.

| **ID :** | 422 | **Implemented in version :** | 3.0 |

Short Description: Highlighting

Full Description: Request for highlighting feature to allow text in a document do be highlighted with a chosen colour.

Comments : We have introduced the new property $curhighlight. It works in the same way as the other $cur... properties. Any valid RGB colour including Omnis constants can be assigned.

| **ID :** | 479 | **Implemented in version :** | 3.0 |

Short Description: Ability to set start number for numbered lists

Full Description: We have a bit of an issue with numbering in oWrite.

This is what I would like to do:
1. First line
   Sub text
2. Second line
   Sub text

This is what oWrite does:
1. First Line
   Sub text
1. Second line
   Sub text

Is there any way to get the numbering to continue instead of starting again?

Comments : We have added the new property $curlistnumstart. Setting this property to a non-zero value will start/continue a numbered list at the specified value.

ID :	520	Implemented in version :	3.0

Short Description: Problem with tables rows that do not fit on a page

Full Description: I've a problem during evaluate a table in document.
If I have a data row with a very long description (more than a page) the owrite table has a strange (and wrong) behaviour.

Comments :

ID :	562	Implemented in version :	3.0

Short Description: Ability to highlight all matches when searching

Full Description: Need the ability to highlight all matches when searching documents.

Comments : The OWrite search object has been enhanced to enable selecting multiple matching search results within a document. Please see the description for the new
- properties $multiselection, $multiselectlist, $multiselectbackcolor, $multiselecttextcolor, $selectbackcolor, $selectbackcolor and $multiwordfind
- methods $setresultlist and $getresultlist

Note: The new properties and methods are properties and methods of the OWrite search object, not the window object.

ID :	641	Implemented in version :	3.0.0

Short Description: Text Box selection states confusing

Full Description: If I click on the Text Box Border the first time it changes the rulers to reflect being "in" the text box. You then have to click the border a second time to see the rulers go back to the full document setting. And only then can the text box be deleted.

In MS word there are Three states to the Text Boxes. The first being not selected at all where you see just the line box border. The second is when you just want to select the box itself, you click on the border and the boarder simply adds the grab bars. In this state you can seize, mover or delete the box. The third state is if you click in the box. The border in the is case gets a second dashed border on the outside of the original with grab bars. In this state you can resize the box using the grab bars and you can enter text in the box, but you cannot delete the box itself as the keyboard entries work in the box itself.

I think that the Word way of doing this is a bit more intuitive as it only requires one action to do what you want to do and each has its separate look so that you know what state you're in.

Comments : We have introduced different frame styles for editing and sizing and also improved initial click behaviour.

ID :	656	**Implemented in version :**	3.0.0

Short Description:	Use plain text selection to select text in OWrite

Full Description: We use a document saved as plain text to analyze the content and than try to select text in the OWrite document using the position of the text in the plain text copy. This works fine unless the OWrite document contains objects such as tables or fields.

Comments : Plain text selection ranges are not compatible with the standard OWrite selection ranges. This is due to the fact that when saving an OWrite document as plain text, all text content is exported flattened without any place holders or other indications of which object a specific peace of text belongs to. OWrite selection ranges work in a hirarchical fashion. We have implemented the following solution.

When exporting an OWrite document to plain text using $savedata the new custom parameter kWriTextCreateMap can be specified so OWrite will build an internal plain text map.

Example:
OWrite.$savedata(plain_text,kWriFmtText,kWriTextCreateMap,kTrue)

You can than use the new selection range constant kWriSRPlainText to use the character position in the plain text document to select text in the rich text document.

Example:
OWrite.$setselection(10,15,0,kWriSRPlainText)

Additional Notes;

The internal map uses up memory (4 times the size of the plain text data) and is cleared on every call to $savedata or $loaddata regardless of the format.

Any changes made to the document will invalidate the map and a new map must be created by calling $savedata as described above.

If a map has been cleared calling $setselection with kWriSRPlainText will return the error kWriErrNoTextMap.

If the map and the document have become out of sync OWrite may return kWriErrEndOfTextMap in some circumstances.

ID :	657	**Implemented in version :**	3.0.0

Short Description:	Ability to show invisible characters

Full Description: Some users asks my if it's possible to show the formatting marks and spacing of paragraphs in OWrite.

Comments : There is a new property called $showinvisibles. If this property is set to kTrue, OWrite will show, spaces, tabs and return characters using symbols.

This property is a property of the window object and is not stored with a document.

ID :	763	**Implemented in version :**	3.0

Short Description:	Ability to disable spell check

Full Description: Need the ability to temporarily disable the in-line spell check.

Comments : We have added a new property $nospellcheck. This is an interface property and is NOT stored with the document. Setting this property to true will disable automatic spell checking while editing the document. Setting it to false will enable spell checking but will not check anything that was edited

while spell checking was disabled. Not until that text is edited again while spell checking is enabled.

ID :	767	Implemented in version :	3.0
Short Description:	Table cells not to display any border lines.		

Full Description: When we insert a table in Owrite, even if we apply no border to the cells, a gray border is always applied.
Is there a way to have these lines completely transparent (white)?

Comments : We have introduced a new property $notableoutline. This is a interface only property and is NOT stored inside document data.

ID :	769	Implemented in version :	3.0
Short Description:	Enhancement: Decimal tab in Ruler		

Full Description: Decimal tab in Ruler is always .
Could it be it does not follow the omnis preferences ?
In our case it is ,

Comments : We have introduced a new property $firsttabiconid. This property if set to an Omnis Icon, will replace the default tab appearance. The icon ID must specify the first of four consecutive icons.

$firsttabiconid = left tab
$firsttabiconid+1 = centre tab
$firsttabiconid+2 = right tab
$firsttabiconid+3 = decimal tab

The examples that will ship with the next version 3.0 alpha or beta release include new tab icons in the #ICONS class of the main library.

ID :	834	Implemented in version :	3.0.0
Short Description:	Possibility of to change the 'memory' dimension of a pasted picture.		

Full Description: Possibility of to change the 'memory' dimension of a pasted picture. Pasting big picture it's a shock for oWrite and Omnis. The application become extremely slow or freeze.

Comments : We have implemented two new properties.
- $maximagesize is a property of the OWrite component. It allows one to specify the maximum size in pixels of a pasted or imported image. If non-zero, images are scaled down if their total pixel count (width * height) exceeds the specified maximum. The aspect ratio of the image is maintained. The property $convtoshared must be true for this property to be active.
- $curobjdatadpi returns the current DPI of the image as determined by the image resolution and the current width and height of the image box in the document. When assigning this property, an image can be scaled down to a desired quality, based on the current bounding box. This property will give end users some control over image quality and memory requirements if this feature is exposed by the interface.

ID :	843	Implemented in version :	3.0
Short Description:	Ability to link images via URL		

Full Description: Is it possible to insert the link to an image instead of inserting the image into the text?

Comments : Implemented for version 3.

Please see the description for the
new property $curobjdatasrc
new method $setdatafromsrc
and new event evGetDataFromSrc

ID :	864	**Implemented in version :**	3.0

Short Description: New property $curobjdatasrc

Full Description: The new property $curobjdatasrc can be given an Omnis calculation that returns the picture data for an OWrite picture object. When a calculation is assigned, OWrite will not store the picture data with the document data. Instead, OWrite will execute this calculation the next time you load the document.

Calculated picture fields can also benefit from this new property. Traditionally the calculation used in a calculated picture fields would return the picture data when you evaluate a document. Now this calculation can return the calculation as plain text for $curobjdatasrc. That allows you to decide the source of a calculated picture during the evaluation of a document.

Storing the data for a picture can substantially reduce the size of your database if you have many documents that display the same image.

WEB-CLIENT:
The Omnis web-client does not support the tokanization and evaluation of calculations. In addition, it will also be required to contact the server to fetch the picture data but server calls will unroll the C++ stack making it impossible to return the picture as part of the same call. Therefore some additional functionality was required.

When a $curobjdatasrc calculation requires evaluating, OWrite will issue a evGetDataFromSrc event. This event has three parameters:
pObjID: the picture object's ID
pObjName: the picture object's name (calculated picture)
pObjCalc: The $curobjdatasrc calculation to evaluate

After the code has fetched the picture data, it must be assigned to the object using the method $setdatafromsrc(pObjID,picture_data). This can be done within the event method.

Comments :

ID :	884	**Implemented in version :**	3.0

Short Description: Ability to disable table cells

Full Description: I would like to prevent the user from entering or modifying data in a particular table cell.

Comments : We have added the new property $curobjnoenter. If set to true for a text box or table cell, the user will not be able to edit the content of the container.

ID :	909	**Implemented in version :**	3.0

Short Description: Create own "Undo-Steps" on web for Undo Typing

Full Description: We would like to create our own undo-steps with oWrite in web. Actually this is only possible by using $startundo / $endundo, and this only allows to create a undo-step when having more than one change.
But we would need to set a undo-step after i.e. a carriage return.

Actually there is no way to do this in web.

Comments : We have changed the undo handling so that 'undo typing' is limited to a paragraph, as long as the paragraph is not empty. A series of empty paragraphs are collected together.

We have also added a timer to interrupt the collection for 'undo typing', if the user pauses for two seconds or more.

ID :	979	**Implemented in version :**	3.0.0
Short Description:	Auto conversion of http links during printing		

Full Description: When printing a document OWrite will check a clickable calculated field for any occurrence of "http://" within the calculation. If the text exists, OWrite will extract the entire URL from its surrounding single or double quotes, and print a HTML link tag that is associated with the display text being printed.

The HTML link tag in Omnis reports is supported by PDFDevice to produce clickable links within a PDF document.

Comments :

ID :	992	**Implemented in version :**	3.0.0
Short Description:	New bookmark feature		

Full Description: The new property $curbookmark sets or clears the bookmark for the selected text. One or more characters must be selected for this property to work. When assigning a bookmark name that already exists within the document, the assignment will fail. The method $getbookmarks(&List) returns a single column list of current bookmark names. These names can be used with $setselection and the constant kWriSRBookmark to go to the specified bookmark in the document.
Example:
;; the following example positions the document at the first bookmark
Do ivEdit.$getbookmarks(BookmarkList)
Do ivEdit.$setselection(BookmarkList.[1].C1,0,0,kWriSRBookmark)

The latest OWrite Plus examples have been updated. You can right-click selected text to add or remove a Bookmark. The example context menu now has a sub menu of bookmarks that exists within the document. Selecting a bookmark name from the sub menu will select the bookmark in the document. Bookmarks have no visible representation by default. To display bookmarks within the document, you must turn on $showinvisibles. In this mode book marked text is surrounded by a box.

To find all the changes in the examples please search for "CHANGE_V3A10"

Comments :

ID :	1003	**Implemented in version :**	3.0.0
Short Description:	New link colour and style properties		

Full Description: We have added two new properties $linktextcolor and $linktextstyle, removing the need to set $curunderline and $curfontcolor when inserting links (calculated fields that have $curobjclicks enabled).

The result of this change is that when printing or exporting the document to destinations that do not export these links, these calculations will not show the link colours and styles which can be misleading.

Existing documents that already have $curunderline and $curfontcolor set to simulate links, can be converted manually during loading, by searching the document for calculated fields that have $curobjclicks enabled and clear these properties.

Comments :

ID :	1007	**Implemented in version :**	3.0.0
Short Description:	New OWrite.$docversion static method		

Full Description:
This new property allows one to query the internal document version number of an OWrite binary document prior to loading the document. This is useful if additional changes need to be made by a developer to a document due to changes in OWrite. For further details please see the documentation and refer to the main examples.

Note: The internal document version numbers are whole integers and start at 1. They do not coincide with the release versions of the OWrite component. Document version numbers are only updated when the actual existing document structure has changed. The documentation includes a table that matches document versions with OWrite release versions.

Comments :

ID :	1023	**Implemented in version :**	3.0.0
Short Description:	Changing $papercontinuous respects evaluated tables		

Full Description:
We have updated the property $papercontinuous to respect page boundaries and insert or remove table headers and footers appropriately and to split or merge evaluated table rows when switching to or from the continuous paper mode.

See additional comments below...

Comments :
When $papercontinuous is turned on (single-page mode) and a table is subsequently evaluated, no extra headers and footers will be inserted and table rows will not be split across page boundaries as the table will be contained within a single page.

When turning off continuous paper (multi-page mode), OWrite will insert the appropriate headers and footers and split rows where page breaks are encountered. IMPORTANT: The code that assigns $papercontinuous must have access to the same variables as the code that originally evaluated the document (assigned $evalcalcs) so that OWrite can calculate the content for the extra headers and footers that it needs to insert.

In contrast, when an evaluated document is switched from multi-page mode to single-page mode, OWrite will strip any page boundary headers and footers that were added, and merge any rows that had been split.

This feature allows end users to edit evaluated tables in single-page mode without adversely effecting rows that would normally be split across- or additional headers and footers that would be inserted around- page boundaries. When the user has finished editing, $papercontinuous can be turned off to paginate the modified document for printing or exporting.

IMPORTANT SIDEEFFECTS
Evaluated documents now save all result data for the table and all table cells if parameter three (bMakeDataPermanent) for $savedata is kFalse. This is done so documents can be saved in single-page mode and allowing OWrite later on to calculate subtotals and other content for headers and footers that are inserted when switching to multi-page mode. Storing all result data will increase the size of the document. To strip all result data you must save the document with parameter three (bMakeDataPermanent) set to kTrue, i.e. "Do OWrite.$savedata(binary,kWriFmtDefault,kTrue)". This will permanently fix all document content for all calculated fields and cells without the possibility of re-evaluating them.

In addition to all result data being stored in the document, the properties $papercontinuous and $evalcalcs are now properties of the document and will also be saved and loaded with the document

data. This ensures the integrity of documents regardless of the applied mode when saving and loading.

LIMITATIONS
The user can only edit the master headers and footers in single-page mode, however, changes made to the master headers and footers will be copied to any additional headers and footers OWrite inserts when switching to multi-page mode.

Editing cell content of cells that are used in total calculations will have no effect as the total calculations usually refer to data in the table's result list. The developer should disable these cells ($curobjnoenter) so they cannot be edited directly, and instead provide an interface for editing the result list data. Alternatively, modified cell content can be copied to the result list. Individual cells can be re-evaluated by re-assigning $curobjcalc.

ID :	1029	Implemented in version :	3.0.0
Short Description:	Limit fonts when importing RTF		

Full Description: Your idea of a new property named $supportedfonts that includes a list with the supported font types sounds very good.
Please consider it for the 3.0 beta for us! If its needed, I can also make this request about your Bug Reporter or any other way.
Just tell me what is needed.

Comments : We have overhauled our font mapping functionality. When calling the function OWrite.$loadfontmap(), the columns in the supplied list are now independent of platforms and the order of fonts within the columns now merely indicates the priority that the fonts are given when mapping fonts. In addition to the font mapping, the function $loadfontmap now also has second boolean parameter that specifies if OWrite is to be limited to the fonts specified in the map. If this parameter is true, only the fonts appearing in the map will be used by OWrite.

THE PURPOSE OF THE NEW FONT MAP
- Provide alternative font names for exporting to HTML
- To map unknown font names from other platforms or programs
- To limit OWrite to the specified set of fonts

ALTERNATIVE FONTS FOR HTML EXPORT
It is common practice when specifying font family names in HTML to specify a list of alternative names in a comma separated list. A browser will typically choose the first font in that list which is available on the client's platform. When exporting OWrite documents to HTML, OWrite will use the line from the map that contains the font name to be exported in the left-most column of the map. For example, if row two contains the font in third place and row five contains the font in second place, OWrite will pick row five as the list of font names for export to HTML.

MAPPING UNKNOWN FONT NAMES
When loading or importing documents from other platforms or programs or pasting content from the clipboard, the documents or content may contain font names unknown to this platform. OWrite will first search for the font in the system, comparing it with the systems family and postscript names of each font and typeface. If this search fails, OWrite will consult the font map and use the row that contains the font name in the left-most column (see 'Alternative Fonts...'). If this second search also fails, OWrite will use the first row in the map to choose the first available font starting from the left. If no font-map is provided, OWrite will use as its default font the font specified in the $font property.

LIMIT OWRITE TO THE SPECIFIED FONTS
When loading the font-map via the method $loadfontmap one can tell OWrite to limit the fonts that can be used in a document to the fonts specified in the map. When loading OWrite documents or importing documents via RTF or pasting content from the clipboard, OWrite will only allow fonts specified in the map. If fonts are encountered that are not specified in the map, OWrite will use the fonts specified in the first row of the map and pick the first one that exists on the clients system.

ID :	1050	Implemented in version :	3.0.0
Short Description:	OWrite cross platform appearance when saving report to disk		

Full Description: When printing OWrite documents via an Omnis report to the Disk destination and when viewing this report on another platform, some of the words run into each other, or gaps between words are larger than they should be. It depends very much on the font and sizes that are used.

Comments : This is only an issue when viewing the report on screen. When the report is printed the text is positioned more accurately.

The screen appearance issue is caused by an inability to accurately map some font sizes between platforms because of the difference in DPI between Macintosh and Windows. OWrite measures, positions and renders individual words and as a result the cross platform inaccuracy will effect the space between the words. For example when using a 10 point font on Macintosh at 72DPI this should become 13.33 points at 96DPI on Windows. However, Omnis is forced to either choose 13 or 14 as the size to render the 10 point text. This up-sizing or down-sizing causes the issues that are experienced.

In corporation with Tiger Logic we have provided a solution that allows OWrite to add special text to an Omnis report that is measured more accurately and allows the exact placing of individual characters in the horizontal plane. This feature is disabled by default and can be enabled by setting the property $newprimeasure to kTrue, but it will require Studio 5.2 or better.