

## Bug Fixes

**ID :** 1534**Fixed in version :** 4.0.2**Short Description:** Visual issues with HD screens on windows (on retina macbook)**Full Description:** OWrite and OGantt don't display correctly when running Omnis Studio in High Definition (for example on a retina macbook pro with 200% scale factor)

I have added three screen shots. One with oWrite with the 6 build in studio 8, one with the 8 build in studio 8 and also the issue with OGantt in studio 8

**Comments :** Originally reported as case 1497.**ID :** 1564**Fixed in version :** 4.0.1b3**Short Description:** \$getbitmap crash omnis**Full Description:** The \$getbitmap command crash omnis, you can test it with your gantt.lbs**Comments :** patch attached**ID :** 1565**Fixed in version :** 4.0.1.4**Short Description:** omnis crash printing Gantt**Full Description:** The \$getbipmap now work fine but we have found a crash also printing Gantt, you can try it with your example.**Comments :** Version 4.0.2 beta 4 (4.0.1.4) patch is attached**ID :** 1616**Fixed in version :** 4.0.2**Short Description:** on some W7/W10 64bit the component seem don't be loaded**Full Description:** on some system 64bit with win7 or win10 these components seems does not loadables

this happens for  
oGantt 4.0.0  
oSpell 3.2.4  
PDF 3.2.6

it does not happen for oWrite!

In other 64bit system, win 7 or 10 the same components work fine.  
Very strange issue. Can you help us? any ideas?

here enclosed a trace log picture

AttachedFile: Castagnetti\_64.png

**Comments :** OGantt requires the new 8.1 release builds.  
OSpell2 for 8.1 had been build but was not uploaded. It has now been uploaded.  
PDFDevice for 8.1 is available for download.

**ID :** 1622

**Fixed in version :** 4.0.3

**Short Description:** Crash oGantt showing Graph area

**Full Description:** You can verified it on your example library. Showing and hiding the graph area omnis crash.

It works on macos.

**Comments :** This was caused by a timing issue between pending updates and a window container being deleted. Although it appears this is only an issue on windows, it could also cause a crash on macintosh and with other versions of studio, if the timing is unfavourable.

## Enhancements

**ID :** 1467

**Implemented in version :** 4.0.2

**Short Description:** Icons in OGantt

**Full Description:** Is it possible to show an icon inside a OGantt phase? I would like to show some additional information without text and color is already used. I already tried styled text, but that doesn't seem to be supported.

**Comments :** Phase labels now support icons by embedding them with the Omnis style function.

## Bug Fixes

**ID :** 680**Fixed in version :** 4.0.0**Short Description:** Ability to disable the gantt chart object

**Full Description:** It is currently not possible to disable OGantt so a user can just view a chart. The standard property \$enabled does not appear to do anything at the moment. When set to kFalse, none of the drag & drop should work, but expanding/collapsing nodes and selecting phases or resources should continue to work.

**Comments :** We have fixed the \$enabled property. When setting \$enabled to kFalse, the user can no longer drag & drop phases or resources, but can continue to select phases and resources for viewing.

**ID :** 888**Fixed in version :** 4.0.0**Short Description:** New feature mouse-wheel scroll doesn't work

**Full Description:** The new feature scrolling the oGantt with the mouse-wheel doesn't work for me. I don't know where exactly it should work but I tried it in every part, where you can scroll vertically.

**Comments :** Reproduced on Vista and XP using Studio v5

**ID :** 893**Fixed in version :** 4.0.0**Short Description:** Scroll wheel

**Full Description:** In windows oGantt doesn't scroll using the scroll wheel. On Mac this seems to work as expected.

**Comments :** Reproduced

**ID :** 902**Fixed in version :** 4.0.0**Short Description:** Mouse wheel not working

**Full Description:** Mouse wheel not working in OGantt area

**Comments :**

**ID :** 926**Fixed in version :** 4.0.0**Short Description:** Incorrectly formatted 'Order' column

**Full Description:** It seems as if when I use \$ggetmodlistresource to bring back the resource list, the Order field does indeed have a subtype of Float, as the text below shows.

If however \$ggetdatalist(kGanttListResource) is used, Order has a number type, but the \$objsubtype is an undefined type of 31.

When I check the Data subtypes of the Catalog, there is not a type 31. (Interestingly, there are 2 type 32's: kShortint and k0dpShortnum)



**ID :** 1179

**Fixed in version :** 4.0.0

**Short Description:** Issue saving Gantt chart with new phase

**Full Description:** When saving new phase to object within example it fails to save correctly. Subsequent loading of the chart fails to display the new phases.

**Comments :** When loading the phases list, the list must be sorted in order of Resource ID for all phases to load correctly. This has always been a requirement of the OGantt component for efficiency reasons as larger lists would reduce performance of loading unsorted lists exponentially. However, this requirement was not clearly documented.

We have corrected this problem for version 4 GM but also maintained the efficiency of loading phases by changing the way phases are loaded and mapped to their resources.

## Enhancements

**ID :** 655

**Implemented in version :** 4.0.0

**Short Description:** Unable to use \$vscroll

**Full Description:** Is there a way to get (and set) the current vertical scroll bar position of the OGantt control? The standard \$vscroll of omnis does not return an accurate value (does give some nice results when you change it).

I would like to be able to change the vertical scroll position. When I change the content of the GANTT it always resets the vertical scroll bar to the top and I want to move it back down to represent the location of the item the user had previously selected (if applicable).

**Comments :** OGantt now handles \$vscroll and \$hscroll appropriately.

\$vscroll returns the first visible line starting from 1. Assigning \$vscroll will change the first visible line effecting the scroll.

\$hscroll as there is no real horizontal scroll range, \$hscroll always returns zero. One can offset the current horizontal position by a negative or positive value. The value represents increments of the minor horizontal scale. So when the minor scale is days, assigning 10 to \$hscroll will offset the horizontal position by +10 days.

**ID :** 663

**Implemented in version :** 4.0.0

**Short Description:** Vertically drag&drop phases

**Full Description:** You could do a “candrop” approach like Omnis where you expect a true/false depending on if the phase is allowed for the other resource, and a final evMoveToResource or something?

**Comments :** We have added a new property \$gphasecandrop. If true, OGantt allows users to drag & drop a phase onto another resource.

The new event evGPhaseCanDrop(pPhaseID,pResourceID) will be send to the \$event method. Discarding the event will prevent the dropping of the phase on the specified resource.

The event evGMove now has an additional parameter pResourceID, that specifies the actual resource on which the event was dropped

**ID :** 676

**Implemented in version :** 4.0.0

**Short Description:** Context menu for Root

**Full Description:** When the resources fill all the table section, opening the context menu on the root is very difficult. Can you leave a little bit of blank space to do this action more comfortably?

**Comments :** We have created extra white space at the end of the tree list/chart to make it easier to click in the white space.

**ID :** 681

**Implemented in version :** 4.0.0

**Short Description:** A method to extract the marker list

**Full Description:** One thing that would help with printing would be if the marker list could be incorporated automatically or if there was an easy way to extract the marker list from the OGantt object on the window so that it could be assigned to the GanttPrint object via the \$markerlist attribute of GanttPrint.

**Comments :** The new method \$getmarkerlist returns the list of markers

**ID :** 860

**Implemented in version :** 4.0.0

**Short Description:** Move phase to other resource

**Full Description:** I would like to be able to move a phase to another resource. I don't require connecting phases.

This is the situation:

We use OGantt for planning which employees in production work for which order. This planning is modified often and we want to be able to easily hand over a task from one employee to another. Now I have to do this outside OGantt. It would help a lot if you could just drag the phase over to accomplish that (from our enhancement request this has the highest priority).

**Comments :** We have added a new property \$gphaseandrop. If true, OGantt allows users to drag & drop a phase onto another resource.

The new event evGPhaseCanDrop(pPhaseID,pResourceID) will be send to the \$event method. Discarding the event will prevent the dropping of the phase on the specified resource.

The event evGMove now has an additional parameter pResourceID, that specifies the actual resource on which the event was dropped

**ID :** 861

**Implemented in version :** 4.0.0

**Short Description:** Option to disable duration setting

**Full Description:** Setting the duration isn't required for us and it can be confusing for the user. I would like to have the option to disable this functionality completely (so for the component, not per phase).

This is not a high priority for us. Only when it's an easy fix.

**Comments :** The property \$gnoduration, if set to kTrue, disables the resizing of phases in the chart.

**ID :** 886

**Implemented in version :** 4.0.0

**Short Description:** Date range for \$GetBitmap

**Full Description:** At the moment, the \$GetBitmap function export entire Gantt. It's possible make a change to export a portion of the chart, setting a period from Date1 to Date2?

**Comments :** The \$getbitmap method now has two parameters for specifying the date range.



**ID :** 887

**Implemented in version :** 4.0.0

**Short Description:** New 2 and 6 hour scales

**Full Description:** I need to show GANTT chart at major scale DAY and minor scale HOUR.  
At the moment in the chart has view all 24 hours.

It's possible make a change to group some hours, like the zoom of MS Project does?  
A possible scale is by 6 hours, so we have only 4 column per day in chart.  
Another scale is by 2 hours, so we have only 12 column per day in chart.

And, in second time, eventually with the major scale HOUR and minor MINUTE, group by 15 minutes, just like MS Project.

**Comments :** The following new scales have been added and can be used with the \$gsetscale method.

kGanttScale15Minute  
kGanttScale2Hour  
kGanttScale6Hour

The new examples demonstrate their use.

**ID :** 889

**Implemented in version :** 4.0.0

**Short Description:** I need a new function to get the first date shown on the chart.

**Full Description:** I need a new function to get the first date shown at the chart.

At the moment, I set the first date to show in the chart using \$GSetStartDate.  
If user scroll chart I don't yet know the first date shown at chart.  
I need a function, \$GGetStartDate, that tell me just the first day shown at chart.

**Comments :** We have added the method \$ggetstartdate()

**ID :** 930

**Implemented in version :** 4.0.0

**Short Description:** Enhancement: \$ggetstartdate

**Full Description:** We can set the starting date with \$gsetstartdate.

Please add the ability to read the current start date with \$ggetstartdate, or something.

**Comments :** We have added the method \$ggetstartdate()

**ID :** 935

**Implemented in version :** 4.0.0

**Short Description:** Can text and other objects be in front of the marker

**Full Description:** OGantt lets people add project markers that go across the entire day and they can be of any width.

Here is one I did that was 3 pixels and one that was 100 pixels. In smaller ones, you do not notice that the text is behind the line. On a larger project marker, it becomes clear that the text and other drawing elements are behind the project marker (the blue one) so all the detail disappears.

I'd like to submit an enhancement request to have the text and other graphical objects like the phase bar and group appear on top of the project marker.

**Comments :** The new property \$markersbehind can be set to kTrue so that markers are painted behind phases and their text.

**ID :** 936

**Implemented in version :** 4.0

**Short Description:** Double-click on project markers

**Full Description:** Requesting ability to detect double-click on project markers so we can bring up a window to edit them.

**Comments :** We have enhanced both the evGDbClick and evGRClick events. Both these events will now be generated for clicks on relation lines, marker lines and white space.

The event parameters pResourceId, pPhaseId, pRelationId and pMarkerId will be set accordingly. The pMarkerId will be set to the line number of the marker list as it was supplied when loading the chart, when a marker has been clicked.

**ID :** 937

**Implemented in version :** 4.0

**Short Description:** Allow tabbing when editing tree list cells

**Full Description:** When changing data in the cells on the left side, we know that we currently have to hit 'enter' to accept the value.

Almost universally, people have asked 'why can't I hit tab' to tab between cells and quickly enter or change data. This, alone, would be a huge time saver. just accepting tab (and/or enter)

**Comments :** You can now use the tab keys and click outside the edit box to change the text of a cell. The only action that cancels the text entry is the escape key. You can now also use the edit menu while editing a cell.

Two new events have also been introduced and the current evTLTextChanged message has been changed.

The new message evTLTextEditStart is send when a cell is about to be edited. This message cannot be discarded.

The evTLTextChanged message is now only send if the text has actually been altered. Discarding this event will force the cursor to remain in the current cell.

The evTLTextEditEnd message is sent if the cursor is about to leave the cell and text has not been altered. Discarding this event will force the cursor to remain in the current cell.

**ID :** 938

**Implemented in version :** 4.0

**Short Description:** Detecting background clicks to de-select a task

**Full Description:** There are times when we really need to de-select the currently selected task. perhaps more to the point, we have context menus on the gantt chart. if I right click on a task (that is a line selected in the list), then I can give menu items that are valid for a task.

if I right click on the background, I'd like to give different context menu item

if I right click on a line connector, I'd like to do something yet again different.

**Comments :** We have introduced the following changes  
- when left clicking on the background of the gantt chart, the event evGSelected is now called with pPhaseID set to zero and pResourceID set to the resource of the line that was clicked, or zero if space with no resource line was clicked.

- when left clicking the tree list below the last resource, the event evTLSelected is now called with pResourceID set to zero.

Additional Note:

when right clicking the white space of the gantt chart or tree list, OGantt has always called the events evGRClick and evTLClick with the pPhaseID and/or pResourceID set to zero, and pColumnNumber set to the number of the column that was clicked.

Additional Note:

Please see also Enhancement Request 936 for right-click and double-click enhancements.

**ID :** 939

**Implemented in version :** 4.0

**Short Description:** Getting rid of dependencies.

**Full Description:** I have a line between two tasks and in gantt charts I've used, clicking the line would highlight it. Then I could use the delete key, or right click->remove, or what have you to get rid of the dependency, or even edit it and change its type from 'beginning to end' to 'end to end' or what have you.

What I'd propose for this one is an event that is like

on evConnectorClick

with two parameters:

-- list line for task 1

-- list line for task 2

The assumption is that there can only be ONE dependency between two tasks. Thus if I know the first task's line number and the second tasks's line number, I will be able to find the dependency that need to be dealt with.

it means I can also implement my own pop-up menu that could have items like

-- remove dependency

-- change dependency to

----- end to end

----- start to start

----- end to start

etc.

**Comments :** We have made enhancements to the events evGRClick and evGDBlClick events that will allow the detection of relation line clicks.

Please see comments for enhancement 936.

**ID :** 940

**Implemented in version :** 4.0.0

**Short Description:** Ability to 'drop' onto the OGantt.

**Full Description:** Our intention is to drop tasks from elsewhere to add them to the OGantt chart.

so, support for

on evDrop

with the typical drop values would also help.

we'll do the work deciding if the item should be accepted or not and where to place it.

**Comments :** The following new properties and constants have been implemented to aid the dropping of Omnis objects/data onto the OGantt component.

-----

Properties:

-----  
\$tlddcandrop: Flags specifying where we can drop in the tree list, one of the kGanttCanDrop... constants. If set to kGanttCanDropNowhere, dropping on the tree list is disabled.

\$gddcandrop: Flags specifying where we can drop in the GANTT chart, one of the kGanttCanDrop... constants. If set to kGanttCanDropNowhere, dropping on the GANTT chart is disabled.

\$ddwhere: Flags specifying where the drop occurred, one of the kGanttDrop... constants (read-only)

\$ddresourceid: Resource ID of the line where the drop occurred in relation to \$ddwhere (read-only)

\$ddphaseid: Phase ID of the phase where the drop occurred when \$ddwhere is kGanttDropPhase. May be zero. (read-only)

-----  
Constants for \$tlddcandrop and \$gddcandrop:  
-----

kGanttCanDropBetweenRows: Can drop between rows

kGanttCanDropOnRow: Can drop on top of rows

kGanttCanDropOnPhase: Can drop on top of phases (\$gddcandrop only)

-----  
Constants for \$ddwhere:  
-----

kGanttDropBefore: Drop occurred before row specified by \$ddresourceid (kGanttCanDropBetweenRows).

kGanttDropAfter: Drop occurred after row specified by \$ddresourceid (kGanttCanDropBetweenRows).

kGanttDropTreeList: Drop occurred over tree list (\$tlddcandrop)

kGanttDropGantt: Drop occurred over GANTT chart (\$gddcandrop)

kGanttDropPhase: Drop occurred over a phase (\$gddcandrop and kGanttCanDropOnPhase)

-----  
New events:  
-----

The standard Omnis evDrop event can be implemented to receive notifications of the drop. When a evDrop event is triggered, the properties \$ddwhere, \$ddresourceid and \$ddphaseid can be inspected for details about the drop.

**ID :** 964

**Implemented in version :** 4.0.0

**Short Description:** Disable relations

**Full Description:** It would be nice to be able to disable relations in the Gantt chart. Right now, I can discard the evGAddRel event, but a little line still appears when the users drags. It would be nice to just make it so that line doesn't appear.

**Comments :** We have added a new property \$gnorelations. If true, while dragging a phase, the setting of relationships between phases is disabled.

**ID :** 976

**Implemented in version :** 4.0.0

**Short Description:** Ability to change week start

**Full Description:** Is it possible to start a week on Monday instead of Sunday.

**Comments :** The method \$gsetscale can now specify the week start date in parameter seven.

Syntax:

```
$gsetscale(MajorScale,MinorScale,MajorDateFormat,MinorDateFormat,MinorColWidth,SnapWidth,WeekStart)
```

Example:

```
$gsetscale(kGanttScaleWeek,kGanttScaleDay,"D m 'Y (~)","V",30,#NULL,kMonday)
```

**ID :** 977

**Implemented in version :** 4.0.0

**Short Description:** isoweek number incorrect

**Full Description:** The week numbers in the calendar don't seem to be correct.

**Comments :** The week number shown is the standard week number as returned by the Omnis jst() function. Unfortunately the jst() function does not support the ISO week numbers. We have therefore added a special character which will insert the iso week number after evaluating the standard date formatting using the jst() function.

If you add the '~' character to the scale date format via \$gsetscale, OGantt will insert the ISO week number in its place.

## Bug Fixes

**ID :** 919**Fixed in version :** 3.8.9**Short Description:** Crash printing without valid layers**Full Description:** When printing a report without assigning valid tree or chart layers (see \$layertree and \$layergant), it causes a crash.**Comments :** The crash has been resolved and the \$resultvar will be set to kGanttPrintResultError when no valid layers are assigned.**ID :** 920**Fixed in version :** 3.8.9**Short Description:** Latest OGantt 3.8.8 redraw problem**Full Description:** After installing latest OGantt version 3.8.8 it looks we have some redraw problem, as part of the header is missing until the user resizes the window.**Comments :** This issue was caused by general performance improvements (enhancement 912, version 3.8.8).**ID :** 929**Fixed in version :** 3.9.0**Short Description:** Incorrectly displayed Month/Week scale**Full Description:** I have a problem with oGantt component, version 3.88 on Windows and OSX platforms, with Omnis 5.1.0

The headings of the Gantt columns doesn't display correctly.

In GANTT I set the weekly scale. The beginning of months columns do not correspond with the weeks columns below.

But, if I move the cursor to the right of the diagram it seems to work and display correctly.

I tried with your example and the problem occurs there as well.

**Comments :** We have improved the calculations that calculate the width of minor scale week column based on the major scale month column. It now considers the correct length of the months, and uses floating point calculations for more accurate results.

## Bug Fixes

**ID :** 910**Fixed in version :** 3.8.7**Short Description:** Bad return values from \$ggetmodlistphase

**Full Description:** I'm getting some odd values returned from \$ggetmodlistphase. (Same values also show up in pNewStartDate and pNewEndDate in Gantt.Sevent) This is when I am dragging a resource that has a Finish-To-Start relationship with another resource. (May happen on others... this is the one I found it on.) Notice the result in line 2 for ModPhaseList variable and the code that was just called. When I copy this to the smartlist I'm going to save, it copies as that invalid date and then the SQL blows up with an invalid date format. It doesn't do this every time, but quite often.

**Comments :** It appears that due to a rounding error in the new date functions, OGantt would sometimes return invalid times such as 11:59.60 instead of 12:00.00. This is especially a problem when moving phases left, i.e moving them to an earlier date.

**ID :** 912**Fixed in version :** 3.8.8**Short Description:** Performance in minute scale.

**Full Description:** We have improved performance when scrolling or resizing the OGantt chart when the minor scale is minutes and the Graph is showing. It will be slower due to the huge number of time columns when displaying the minute scale, but there should be a marked improvement over previous versions.

**Comments :**

## Bug Fixes

**ID :** 751**Fixed in version :** 3.8.5**Short Description:** Limit date range 1970 to 2032**Full Description:** Once you get to 1900, the dates jump to 1970. Same thing happens when scrolling forward to 2/14/2011. In that case, once you get to 2030, the dates jump back to 1970.**Comments :** This was because OGantt used the standard-c time functions which are limited to dates in the range of 1970 to 2032.  
We have replaced the standard-c functions with our own time library which can accept dates in the range of C.E. 0 to 4032.**ID :** 890**Fixed in version :** 3.8.5**Short Description:** Problem with Gantt when using Hours as minor scale**Full Description:** There is a bug in the Gantt when using major scale Day and minor scale Hours. To see this you have to scroll to the 29th March of any year. Now you should see that the Hours header shows 1 on every "column". When scrolling right using the scroll arrows you will get stuck there. When you grab the scroll block of the scrollbar you can see that if the 1st hour of the 1st April shows up the hours change back to normal.

I also got a crash, when creating/loading a Phase in that period.

**Comments :** This was because OGantt used the standard-c time functions which can cause problems during change over of summer time and standard time.  
We have replaced the standard-c functions with our own time library which does not consider british summer time and therefore does not cause the complications of loosing or gaining an hour.  
We are not certain that this will solve the crash as we were unable to reproduce it. The crash you are experiencing may be a separate issue. Please test with new version which will be send to you and let us know the result.



## Bug Fixes

**ID :** 671**Fixed in version :** 3.8.0**Short Description:** Redraw issue with week scale header

**Full Description:** There appears to be a minor bug when horizontally scrolling through days. If the user scrolls one day before the start of the current week, the first week shows eight days. For example, if the week begins on a Monday and user scrolls to the previous day, the week shows running Sunday through Sunday. I know there is no room to show a proper date above the new week, but a divider line would be nice.

**Comments :****ID :** 686**Fixed in version :** 3.8.0**Short Description:** Mouse-wheel not working

**Full Description:** It seems the OGantt isn't reacting to scroll actions of the mouse wheel. Off course horizontal scrolling is a bit of a question as there are two horizontal scroll bars, you could check where the mouse is hovering, but even if the mouse wheel simply controls the vertical, or only for the GANTT part, that be really neat.

**Comments :****ID :** 693**Fixed in version :** 3.8.0**Short Description:** Sometimes, the dropped resource isn't the dragged item.

**Full Description:**

- Open your library example for OGantt component
- Open or create a new chart
- Insert five or more resources
- Take the first resource on Tree list and drop it at last position (using the drag & drop)
- Repeat the previous step more and more times very quickly
- Sometimes, the dropped resource isn't the dragged item but something different.
- Under Mac OSX the issue is more frequent than using Win.

**Comments :****ID :** 699**Fixed in version :** 3.8.0**Short Description:** Drawing Issue Drag & Drop

**Full Description:** Small bug that just gives a bit of wrong visual feedback. When you drag an item and you accidentally move your mouse up or down the dragging switches to the connection dragging. No problem there. The problem in this is that the last position you where dragging horizontally remains visible (dotted lines). When you then move you mouse back to the line you want to drag it draws a new box to show you where you are going to drop, but the old box is still there. If they are close enough together it can make it really hard to drag the box to the right place because they seem to cancel each other out. If you keep going in and out of the horizontal line you are dragging within, you can make as many boxes appear as you want.

**Comments :**

**ID :** 753

**Fixed in version :** 3.8.0

**Short Description:** Relation with negative delay does not function correctly

**Full Description:**

- Using Win or Mac, open your library example for Gantt component
- open a chart
- Insert two resources
- Create a relationship between the first and the second phase
- In the option window 'Create Relationship', set 'Finish to Start' and put a negative delay (i.e. -5 days), so press 'Create'.
- At this point, the relationship line is painted on the start phase.

This effect isn't too good; the relationship line must be painted outside the start phase (you can use Microsoft Project for an example).

**Comments :**

**ID :** 755

**Fixed in version :** 3.8.0

**Short Description:** OGantt hangs when building chart.

**Full Description:** If you have parent record IDs referred to in the tree list and the parent does not exist in the list, this will cause it to hang when you build the chart.

**Comments :** Resources with invalid parent IDs are now ignored.

**ID :** 801

**Fixed in version :** 3.8.0

**Short Description:** Scrolling with total section showing is slow

**Full Description:** You must set Totals view and then you must scroll the chart dragging the scrollbar, you have a great delay to show the new position on chart.  
Scroll on Widows is ok.  
This succeeds only if you have total section. If you have normal or graph section the scroll is ok.

My machine is a Mac Intel with MacOSX 10.5.8  
You must have an item very very long (i.e. 200 days) and than try to scroll.

**Comments :**

**ID :** 802

**Fixed in version :** 3.8.0

**Short Description:** Drag & Drop in tree drops incorrectly

**Full Description:** This problem there was from several years and I don't know if you can solve it.

The issue concerns D&D of item. If you drag an item by clicking with mouse too near the below(or above) horizontal divider of items, the item dropped isn't the item you selected but the next (or the previous) one.

**Comments :**

**ID :** 807

**Fixed in version :** 3.8.0

**Short Description:** Omnis Crash, displaying and other problems using the Effective Checkbox in the D

**Full Description:** When using the Effective Checkbox with the Non-Venue Activity phase in the Gantt Example there are some displaying and calculating problems. When you check and uncheck the Checkbox the phase gets smaller and smaller. After that the resizing in the Gantt is a little messed up. You also can create an Omnis crash by checking the Effective Checkbox and deleting the Suspension.

**Comments :** This is an issue with the example library interface. It is difficult for the external to know what should happen when turning off the effective checkbox and the duration specified is the effective duration. The interface should add the duration of all suspension periods prior to calling the external. Changing the code in the method wGanttDlgEditPhase.\$objs.btnEffective.\$event to the following resolves the problem.

```
On evClick ;; Event Parameters - pRow ( Itemreference )
;; duration is a local of type long integer
If not(ivEffective)
    For ivSuspensionsList.$line from 1 to ivSuspensionsList.$linecount step 1
        Do
            ivLayer.$calcduration(ivSuspensionsList.StartDate,ivSuspensionsList.EndDate,ivTreeList.ResourceID
,0) Returns duration
            Switch ivDurationScaleList.Scale
                Case kGanttScaleDay
                    Calculate duration as duration/86400
                Case kGanttScaleHour
                    Calculate duration as duration/3600
                Case kGanttScaleMinute
                    Calculate duration as duration/60
            End Switch
            Calculate ivDuration as ivDuration+duration
        End For
    End If
Do method durationChanged (kFalse)
```

The example library has been fixed and will be available when OGantt version 3.8.0 is released.

**ID :** 863

**Fixed in version :** 3.8.0

**Short Description:** Context menu location bug

**Full Description:** When you open the context menu on the right hand side of OGantt (i.e. the phase section), the position of the menu is off to the left of the mouse. The distance it is off seems to be the same as the with of the left hand side (resources) of OGantt.

**Comments :**

## Enhancements

**ID :** 673

**Implemented in version :** 3.8.0

**Short Description:** Scroll to view when selecting resource

**Full Description:** If I set the current line in table section with the notation 'RefGantt.\$TLSetSelectResource(ResourceId)' and the resource doesn't appear on the screen, the vertical scroll bar do not scroll and I can't view the current resource.  
Can you introduce a redraw command to solve this thing?

**Comments :** When calling \$TLSetSelectResource, the specified resource will now be scrolled into view when not visible.

**ID :** 674

**Implemented in version :** 3.8.0

**Short Description:** Line Styles for grid lines

**Full Description:** Can you introduce a property to set the line style of the grid lines?  
On Mac platform, the lines are too thick.  
This feature should be present on the table section on the left and on GANTT chart on the right.

**Comments :** Line styles and colours can now be set independently via the new properties \$gridhlinestyle, \$gridvlinestyle, \$gridhlinecolor and \$gridvlinecolor.

**ID :** 675

**Implemented in version :** 3.8.0

**Short Description:** Line style for relationship lines

**Full Description:** Can you introduce a property to set the line style of the relationship lines?  
These lines are too thin.

**Comments :** The new property \$grellinestyle specifies the line style for the relationship lines.

**ID :** 677

**Implemented in version :** 3.8.0

**Short Description:** Font properties for scale label

**Full Description:** Can you introduce the property to set font and size for the scale label on graph section?  
Under Mac OSX, the scale label isn't good.

**Comments :** New properties \$grscalefontname, \$grscalefontsize, \$grscalefontstyle and \$grscalecolor control the appearance of the graphs scale

**ID :** 714

**Implemented in version :** 3.8.0

**Short Description:** New property for setting snap minutes for sizing and moving

**Full Description:** Not sure if I understand this correctly but I'm trying to set oGantt to not snap the phase to the current display scale.

I thought this was handled by \$hourmovement but whether I turn this on or off, it keeps snapping to the display scale.

Could you actually make it so that I can specify a snap value? Say that my display scale is 1 hour, I may still want to be able to snap dragging a phase around to say, 5 minutes. I've seen that the little popup that displays the time to which you are dragging can display the position I'm at in minute accuracy so I'm assuming applying a snap should be possible?

**Comments :** The method \$gsetscale now takes a new sixth parameter that can specify the snapping of the phase in minutes.

Examples:

```
...$GSetScale(kGanttScaleWeek,kGanttScaleDay,"D m 'Y (G)", "",0,60)  
;; will set the snapping to one hour (60 minutes) intervals
```

Please see the version 3.8.0 examples for the use of ...\$GSetScale.

**ID :** 825

**Implemented in version :** 3.8.0

**Short Description:** \$hourmovement problem

**Full Description:** Also, what is \$hourmovement = kTrue supposed to do? From the description, it seems like it should allow me to drag items on the Gantt chart in single hour increments instead of the normal 12 hour increment the Day view has, etc. (If this is not the way to do it, how do I get finer control in the dragging?... I know I can specify exactly in the tree list and the edit dialog at the bottom, but dragging is much better.)

Also, when I turn it on in mine and open a Gantt chart, it crashes, although in the demo it just seems to do nothing, but doesn't cause a crash.

Since it sounds you are looking for a different way to implement this anyway, I'd like to be able to select what increments are used when dragging. In day view, for example, you can only drag in 12 hour increments, which I'd like to change to hours.

**Comments :** The method \$gsetscale now takes a new sixth parameter that can specify the snapping of the phase in minutes.

Examples:

```
...$GSetScale(kGanttScaleWeek,kGanttScaleDay,"D m 'Y (G)", "",0,60)  
;; will set the snapping to one hour (60 minutes) intervals
```

Please see the version 3.8.0 examples for the use of ...\$GSetScale.

**ID :** 859

**Implemented in version :** 3.8.0

**Short Description:** Treelist events

**Full Description:** On evTLDBlClick (an other resource events as well), I would like to receive the column number in which the double click was done. This way I can initiate a different action based on the column.

For example: in the resource I have a list of orders, with an extra column which displays the customer name. Now, If I double click on the order number, I would like to go to that order record. If I double click on the customer name, I would like to go to that customer record. Now I don't know what the clicked column was.

**Comments :** The column is now reported in the event parameter pColumnNumber for evTLDBlClick, evTLRClick and evTLSelected.

**ID :** 862

**Implemented in version :** 3.8.0

**Short Description:** Unselect the current phase

**Full Description:** As soon as you have selected a phase, you cannot unselect it anymore. It would be nice if you could do this with `$!setselectresource(#NULL)`.

**Comments :** You can now use `$!setselectresource(0)` and `$gsetselectphase(0)` to deselect the resource and phase.