

OGantt Enhancements

ID : 1930**Implemented in version :** 4.3.1.0**Short Description:** \$gmovephase does not work with split phases**Full Description:** we've noticed that the method \$gmovephase doesn't work if the phase to move has a suspension (is split).

The attached ZIP files includes the Example library, with an extra toolbar button which calls \$gmovephase for the selected phase. If you check with the example chart, the penultimate phase can't be moved with the toolbar button, while the others are.

Comments : Suspensions are a complex issue when they conflict with non-working days are involved. If a phase is moved that moves the suspension so the suspension either starts or ends within a non-working day, it is difficult to automate what should happen to the suspension and oGantt fails to move the phase.

We have added some functionality to report these errors in two cases:

1: when the user uses the mouse to move a phase, a evGError event is generated in cases of a conflict

```

On evGError
  Switch pErrorCode
    Case kGanttErrSuspConflict
      OK message Error Moving Phase {There was a conflict between a suspension period within
the
      phase and non-working days. Please move the phase manually. You may need to
remove the
      suspensions and add it back after the move.}
    Case kGanttErrNone
      # no error
    Default
      OK message unknown error
  End Switch

```

2: when the function GMovePhase is called it returns an error code as a result of a conflict

```

Do pLayerObj.$gmovephase(lvPhaseId,lvData) Returns lvErr
Switch lvErr
  Case kGanttErrBadParams
    OK message Internal Error {Incorrect parameters passed to function}
  Case kGanttErrSuspConflict
    OK message Error Moving Phase {There was a conflict between a suspension period within
the
    phase and non-working days. Please move the phase manually. You may need to remove
the
    suspensions and add it back after the move.}
  Case kGanttErrNone
    # no error
  Default
    OK message unknown error
End Switch

```