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Document=ThisProject/&H00000000
Module=Auxiliary
Module=Rollup_Formatting
Package={AC9F2F90-E877-11CE-9F68-00AA00574A4F}
BaseClass=frmRollUp
Module=PERT_Analysis
BaseClass=frmSetPertWeights
Module=Adjust_Dates
BaseClass=frmAdjustDates
Module=Format_Duration
BaseClass=frmFormatDuration
Module=Analyze_Timescaled_Data
BaseClass=frmAnalyzeTimescaledData4
BaseClass=frmAnalyzeTimescaledData3
BaseClass=frmAnalyzeTimescaledData2
BaseClass=frmAnalyzeTimescaledData1
BaseClass=frmAnalyzeTimescaledData5
Name="ProjectGlobal"
HelpContextID="0"
CMG="FBF95259495D495D495D495D"
DPB="F6F45F66A19A9D9B9D9B9D"
GC="F1F3589D599D5962"

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[Host Extender Info]
&H00000001={3832D640-CF90-11CF-8E43-00A0C911005A};VBE;&H00000000

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[Workspace]
ThisProject=0, 0, 0, 0, C
Auxiliary=22, 22, 520, 388, C
Rollup_Formatting=110, 110, 608, 476, C
frmRollUp=0, 0, 0, 0, C, 154, 154, 652, 520, C
PERT_Analysis=176, 176, 674, 542, C

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2TblThisWizardect$5imgStep1VERSION 5.00
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmAnalyzeTimescaledData2
  Caption      = "Analyze Timescaled Data Wizard - Step 2 of 5"
  ClientHeight = 3585
  ClientLeft   = 45
  ClientTop    = 330
  ClientWidth  = 6270
  StartupPosition = 1 'CenterOwner
  TypeInfoVer = 11
End
```

Microsoft Forms 2.0 FormEmbedded Object9q4(!Select the fields to be exported:nge]5Tahoma(Tahoma!
Tahoma(H@}4+RKKQDBTahoma\$@2TblSelectTheFieldsToBeExported4
cmdFinishngeG#4IstAvailableFieldsTo0000
4IstFieldsToExportsToVERSION 5.00

```
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmAnalyzeTimescaledData3
  Caption      = "Analyze Timescaled Data Wizard - Step 3 of 5"
  ClientHeight = 3585
  ClientLeft   = 45
  ClientTop    = 330
  ClientWidth  = 6270
  StartupPosition = 1 'CenterOwner
  TypeInfoVer = 73
End
```

Microsoft Forms 2.0 FormEmbedded Object9q(H@}4+RKKQDBTahoma,2
;8cmdCancelIngeg\$<cmdBacke(7<cmdNext!
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cmdFinishngeG#$TtxtTo~  
$TtxtFromq$5Image1VERSION 5.00
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmAnalyzeTimescaledData4
  Caption      = "Analyze Timescaled Data Wizard - Step 4 of 5"
  ClientHeight = 3585
  ClientLeft   = 45
```


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are storedZmZhzZdZw(ZTimescaled Data@ZTimescaled Data GraphX*Other constants use
the wizard JB@ 8B@plH`
End the macrod I Procedure does the following: 1. Launches Excel> 2. Obtains Timescaled Data as us
!.- d. Get the start and end dates from Step 3 $!&!n' $(!n'* e. Get the timescaled units from Step 3 $!,!n' -3.
End the macrod Ix4Procedure that opens an Excel object called objExcel@The procedure first checks if B
$N.3Establish Excel 5 objectu(
If Excel isn't open, try creating a new instance of ExcelA@I<Create a new instance of Excel and give an e
h
9Get path name to store the timescaled data as a text file@Look for temporary directory path set in the windows environ
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+(*BERT_AnalysisFI2`PE T Anq-ly<a=Vo. p.@SetPertWeig|ht a. c.#SQ`JtP r -WU i -h`sp. /
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmFo
Caption = "Format Duration"
ClientHeight = 1080
ClientLeft = 45
ClientTop = 330
ClientWidth = 4110
StartupPosition = 1 'CenterOwner
TypeInfoVer = 321
End
Microsoft Forms 2.0 FormEmbedded Object9qAH(1,%Tahoma8('Select the duration unit for all ta
8cboDurUnitas{,2XlblSelecttas(74cmdOK],;8cmdCanceltas"VERSION 5.00
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmAdjustDates
Caption = "Adjust Dates"
ClientHeight = 1410
ClientLeft = 45
ClientTop = 330
ClientWidth = 3945
StartupPosition = 1 'CenterOwner
TypeInfoVer = 12
End
Microsoft Forms 2.0 FormEmbedded Object9q(OKuTahoma(CanceluTahoma,(
2HlblOldDateLa02TlblNewDateLabel$PttxtDateVERSION 5.00
Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmSetPertWeights
Caption = "Set PERT Weights"
ClientHeight = 3030

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ClientLeft = 45
ClientTop = 330
ClientWidth = 3315
StartUpPosition = 1 'CenterOwner
TypeInfoVer = 471

End

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Microsoft Forms 2.0 FormEmbedded Object9qP(@Enter weights for PERT calculations. These values must s
74cmdOK]*,;8cmdCanceligh]VERSION 5.00

Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmRollUp

Caption = "Rollup Formatting"
ClientHeight = 3615
ClientLeft = 45
ClientTop = 330
ClientWidth = 4875
StartUpPosition = 1 'CenterOwner
TypeInfoVer = 791

End

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frmRollUp

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933e8fce1*D+\V"frmSetPertWeights

a33e8fce3*Dw+xAdjust_Dates

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b33e8fce3*D+frmAdjustDates
c33e8fce5*D+Format_Duration
d33e8fce5*D6+frmFormatDuration
e33e8fce7*D;+Analyze_Timescaled_Data
f33e8fce8*D+d]2frmAnalyzeTimescaledData1
1433e8fceb*D+h2frmAnalyzeTimescaledData4
1133e8fcea*D9+2frmAnalyzeTimescaledData3
1233e8fceb*D%+82frmAnalyzeTimescaledData2
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P8
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ProjectGlobal"OfficeuThisProject_EvaluateModule1b
TASK_ENTRYERR_NO_PROJECT_OPENResMgmt_TaskEntrydvErrorClearhErrorViewApply
BottomPaneActivateViewShowScheduleTopPane2Number-MessageBoxRvbOKOnly
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ActiveProject>uFullNameOCurrentViewReadOnly4<FileCloseFileOpenBeepToggle_R
vbCritical+}Title~frmRollUp[optBarsValueKShowstrNameZ
NoFileOpen7MSG_ERRORJMSG_NO_TASKS_FOR_ROLLUPMSG_NO_ROLLUP_VIEW#SORT_KEY1VSORT
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MSG_NEGWEIGHTDMSG_HAS_GHOST_TASKSEARLIEST_PROJECT_DATELATEST_PROJECT_DATE
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TextLength2Install PERT_AnalysisCommandBars
Toggle PERT_Toolbar MSG_INVALID_WEIGHT^MSG_SUM_TO_66AlsNumeric$*CreateCustomPropertyintPropIndica
strOldDatekintStartWeekScheduleFromStartmfrmAdjustDateslblOldDateLabelhCaptionx
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lblOldDate?=lblNewDateLabel
ProjectFinishtxtDateYintDefDateFormatFvDefaultDateFormatpjDate_mmm_dd_hh_mmAMpjDa
pjDate_mmm_dd(spjDate_ddd_mm_dd_yy_hh_mmAM
pjDate_mm_dd_yy_hh_mmAMpjDate_ddd_mm_dd_yy3rpjDate_mm_dd_yycpjDate_ddd_mmm_c
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strNewDatey◆◆cmdOK'◆◆Enabled ◆ cmdCancel◆◆ IsBadDate;FShiftConstraintDates]◆◆strEnteredDate8◆◆sngDateCheck
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IsDayMultipleXAlerts◆◆ActualStart◆◆ConstraintDate:TimeValue◆◆DefaultStartTime◆◆DateAdd/6DateSubtract=◆◆Defau
sngDifferenceE◆◆sngRemainder◆◆HoursPerDayFormat_DurationT◆◆
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blnNoTasks1|blnNoResources◆◆◆◆
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Fill_cboUnits◆◆◆◆cboUnitsR◆◆vmblnFound,h◆◆◆◆TaskViewList3◆◆Unit_Type◆◆+strFieldNameV◆◆frmAnalyzeTimescaledData
imgStep4No◆◆Num_Unit_Types◆◆gintNumTimeUnits◆◆rintNumCurrencyUnits◆◆intNumPercentUnitsw◆◆Set_Defaults_Step5.
CHART_NAMESDCHART_FONT_SIZE◆◆%START_COLUMN◆◆VSTART_ROWyDATES_ROW◆◆}MS_EXCEL_APP◆◆}SUM
cmdBack_Click|◆◆cmdExportData_Click|strStartDate7
strEndDateLstrTimescaledUnits◆◆◆◆objSelection◆◆|lstFields◆◆zChrK-
cmdExportData◆◆cmdBackV◆◆lblStatus◆◆"Repaint◆◆◆◆Launch_Excel◆◆ScreenUpdating!WindowState|◆◆Export_Data◆◆◆◆Ex
blnSummary◆◆blnInsertedProjectSummary◆◆*blnGhostTask◆◆LstrTimeUnits◆◆blnMoreThanOneRowMnintDateOrder◆◆ Field
sngSummary◆◆FasgsSummary\AssignmentsL◆◆
asgAssignment
Assignment!intBucket{◆◆intCounter1◆◆WsgValueUEnviron,vbDirectoryg◆◆Path2◆◆MkDir◆◆Open_Text_File
BGet_Timescale_StringjGet_Num_Timescale_Bucketsc◆◆
TimeScaleData1
Field_Name◆◆3Timescaled_Unitsh◆◆Assignment_Field_NameęStr_Number_with_Decimal◆◆Time_In_Proper_Units7wDateOr
Total_Data◆◆:Format_Cells◆◆5
Plot_Graph◆◆&strFileName◆◆e
intFileNumber2TstrFile XFileAlreadyOpen◆◆◆◆
intColumns
◆◆intRow◆◆}strTotal◆◆◆◆IngFirstTotalFieldRow◆◆intFields◆◆◆◆Cells◆◆FormulaR1C1ScopyRange◆◆PasteSpecial◆◆KintStepr
intLastColumn◆◆!rngRange1◆◆◆◆rngRangeTemp◆◆◆◆rngRangebstrExcelVersionw0rwsRows◆◆5DefaultWorkUnits◆◆◆◆Curren
4pjAfterWithSpace◆◆0Rows◆◆UUnion◆◆NumberFormat◆◆RColumnsp9FontUBold◆◆◆◆Italic!EntireColumn◆◆AutoFit& Colur
categoryTitleN
valueTitleaRSeriesCollection::AxisGroup◆◆gAxes◆◆bHasTitle{AxisTitle◆◆
CharactersrgChartArea◆◆◆◆Size◆◆◆◆

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pEXPOVB "d`h to

FORMAT%ForHmat% w<s>heet iAQPLOPloC graphY

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orAe range5rger@ unitsDS`tep 3!Wsrds#kTEX`T_2NAM`J0" 'S@hould @nPolo`r`\$8 charact`erl`
'O@Br`YwnEu(?!ed)CFONT_Sl2ZB12' /nt siz`Pf t`e`sn"@`g) @Kcm :3G0`CBk \$8@pIN`
g3`values` Rg@`e`"(s 1`K2 `D?`c(ROW04`R`ow?`N`M_
P7s`d Se(1 is f`AProj`6 QV`A_`A2`w`B3`qJfi`P`tas k/res`hce`@ED:S_C)`H`jq`e`
MbS`w_AprL2.hApp `a`<S`UMIF_IN`#"@O`Qi`f`!_b5pzR`S`let`Y `?@?ref`S`!ma r`
C`o`3` %MAXEwy`p`p`ipls eeft`numb@^`t\$9/-`'avail`w
`URRENCY_SPYMBOL`\$`f`E7curre`ncyQ8p`8\`#`##0.00`#DECIMAL_SEPAR`ATOR\$.`v`d`#`
qstrListSeper`atPO`3`QiP `Sub cm`dBack_CP9`k(`E`Hid`e` t B`4`alogbb`w`f`
qw`s*`t`.?`4.`pw
E`H`
`d`Ca;|!`ro` /`1`hbcedu`do`ufoll4owP":P 11.. `DH`2.`t`s(`1r`Bq {`q`
` Dim strStartDate As Strin"g
|End:Times`edUnits`intC@ounterlgerbobjSelectiobn Objl`stField[`ListBoxlnTaskView<Boolean`Se@t Glob`l`sepera
s,also` need/`e`"delimi`usby the OpenText method inExport_`a f`un`#`Se`= Chr(V6XDis` , Ca
.En`d = F@6`1`&CEOe mo`B po`@o a h`ourglas%frmAnaly`zeG`5.MABP= fm H`@GG`lbl`
0Visi@`@ATR`uA`\$Repa`1C`1. a. CreA`an <ExA``%LAUNCH`%_EX`CEL`La Gh_
d`b. (Mak`WeJ v`\$@B turn`f screen` upd` B
`Q#`SU`H`WindowA2e -4140` 'Min@ezi#`2. Gjinforma`9`zobt 0 `a`
`/F@
o`ubxov`wa`sk`resGcelf \$sE(A`qveProa`.Current` T,he`@ `= `GEls`H`m` If#`'`7a`
`E`F. `ccYS" `fC`#`e`'=2`0`0`q`r2.VToS^`S`%dGs`Rb`e`
`?s `33#*`ale`a3`.txtF*.r&`Toy`
e`
t` u`9`
tr`ogcb`oB`'3.PS`y`uaF`~Q`plot`
`]VgEXP`Ohg?;#5`0`e`&_QpiF, , ,`C`S`'z`vby{`origiPz`vb`{`|Defa`ult
T`h`d`d `kO\$WO`FDONE`/ `I`nNlg>I3`7`M`MaxCl`!IT
`R"macrNo3`
`S`ub1Priv ` }(\`h`cedur`r`o``sP(`
` 0`G`8`!`
'` \ pro`firs`t0`ecks`
`ql0`dy ru\$nn0]. i n`ot, i`0`w*`!an't f`wSVerbsC`5.0@`v1`
r, `wpoBn`withAe`rr@`sags`OFRGoTo#`1`ti`=!`s`, (MS_R`_APP)`E`pNbWh`5Qf`Ex` b

'Procedure that@ exporFdata to Excel and@ formatHhe in

Dim htss`a`yS`yValues #v\$#intNum`!Intpeger`N|am`6`|`

Path`+`

FileInput`P`CouFr`J`Sel`ionbInSummaryBoolean`L`InseprtediA`GhostTask`I`R`MoreThanOne8Ro
`o ` `ibffoli`dF`

C

'ex`s` Eb c: ,j= Dir(C & , vb`Dp!#`!`a`on`o`Dno` cr`eA`itG`g"(`Mk@`K`@ E
`B`= `1`Gd`d* `such@7`02`!`Kd` "Open`
t`Z`940`/be`xe;`F`4`z`T` I`!"", "XT_FILE_NAME, 1`CS`Ib`8`C `pro|h`lto
p`P`t` #1, Active`dj.qxS(L`-`in %`Z`T`Q`specifi`ed by`V`S` `SepelrapD` A`o`&W1Z_v_`i(`L`tV`
`8`
`Hg`M`F`or Ea&ql`^nz#a0:N`9(`Ss `h`)R135`CAW`\$ee`AGa`V` `Fwa` `u`_%`r`0`@`
`@`v?`W`Ex`ter`= }` / ZO`Skinq`nd@-`%P

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@3`*C'er30 Tol|Alf ZComp(Unit_Ttype(IstC"A(er)), PERCENT@_TYPE)chen
, _Name(blnTaskView, FIELD_
ALLOCATI(ON) <> ?&?A7@er], xeeG'_GValuea*)End IfmNext@!!
SubPriv@ A{8at_ ^ZAs Intega$8MoreThanOneBoolean PBox,!7y'x'Proced!!vthatBat
' { toP havS's& "u@-s aes`9tiGj
Dim(a
t'itepoPUTLongUsAStrP?=LE_Prngr/1Ob
*
Tem2
m^VersGp'rws
so$=CsS+ 23S'@I`PO0is m& anT oPtC/o"uS webe lowЙg p#_ U Qg,Tb0if
noV"H soju's6e@9oa`arTS5TM#q#?ojUHNElyc
C%H'0S.de i0numbgrowp7o skip bePit#R:"naL##=c
5<3%r]3jpp?t"{12# Case ?ppprTIq:G.DefaultWork19pjMinutesGD= MINUTE_
CURRENCYo*si0k*CurrencySymbolPosiq"
Case pjBefore:
@strFormat = CURRENCY_SYMBOL &"FORMAT_IN_EXCELsAfter?-r`{rWi@thSpacw"| "z@EEnd Sele
$AKDECIMALD9!^ ob@jExcel&'initialize rngRange to the first task/re sourc
ow containing curr
(START_ROW + intCouenp)k}
`U To (lngF"TotalFi@J Stjep1{
(@
Txempa.Union(r,=1
Nex't 'T'Au! of'ba|!,used`st`ead`jus`o`' beca`H return;Az).NuxmbeG`xG!fW` #`$C`#`g'Do
Cells.Entire.AutoFit 'a`f`all@`#)`&CWidt`h`2C+9
Sub
PrivaHFuncp0 Times@caled_ &ts(!7" AsU<r)lBg'er
'FtLG*`R0sta!Pr`om Pj-`OisrefeE`Rd`Oby
ck `c_3APiIOD_DA`YS`k
pp`xDay@`@`W8EEK`Week`RqMON\TH`M2h`QU\ER`Quar@_/_q"YEA`"Y`ear`R'
m`s_`d_Nam`e)`( `q`DS`(aFqzc)x. `]`6,0zt1`Hn f`,`IPj
"%Data e`numO+@Q`qA`*FIELD_ACTUACOSTL+_P`_edA`ctualColf`,`jOVERTI`ME_WORK`_`dC`Over
w`Oe`o y
WP`CWPBASE`LINE_/`*F=0`edB`?D`?`t`')`B`-I`= `S`_
_?

Assignment_Field_Name = pjdTimescaledCV
Case FIELD_OVERALLOCATION:FV+`Overall`ocationmTIME_WOR
K>ltlnWork5REGULAR`4Regular`4SV:dS`>`+End Sele$ctJ
AFunc`i
PriXvat` ũ(blnTaskView As Boolean, 8strB`St ring)`Integer
' that r@eturnse constanferred to by`. The`iaken fro2m`PjA`Data enum o PjResource`depend`- on `whetherf
CUIf `J{`'@D`G`Ci `WGA`wACTUAL`_COST`P`8`%`Actual`Cos`Ba`A`v!`IA`u`
0_`Q`Kt`WP`$`CWPv/BASE`LINE`/`/B` `line`/`&_ "`k%`"B`" `CWS

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S, [#O*CUM*TI*V7* Cum*tiv[7*PERCENT*DMPL*ETE*#5Pe*ntComple*t*Q!.5x;#*/;k*Q'
F*|*|*__eQ*Y*f=1%*?**]@Oq*OD*}op*d}*~*A*.*
Case FIELD_OVERALLOCATI8ON:NV*OverallocationhTIM@E_WORK5gt!*WorkePEAK_UNITS11PeakUnits*/RCEN
AFuncú
Pr0ivat@ Get_F_Str*C(blnTaskView As Boolean, obj*@*Obj*, st*StartD*Pg}*Wac)G
'Re*turns a!A of d's from*tos*
in*in*in*incrementf*$Dim tss-*a*a*Va*alueDkcvB*ow!*sagintCounte*r*Iger*.F*dFirs*tRo/*'6`the fA
*.E*x*0nala*a%*(T*rud/*W ew?*
_
We*nd=Set*`=
}:.c*e(*~y*}, *pR|ACTUAL_CO`ST), 1*DEL_Or:a7"))S
Fa*-Each*
8I*neaV8=A@9*&*.J*&Li stSepP*to*8Nex*#s*DEL*R*ng*C*V*V*VNum8WBuck*etsOWOWn*COW*V
SOVOV*kOVO9OV*_OV*Y*OV*dOV3a1?L*3hOV:*OV*[og*OV1!vq=*
        *@*P*OV*YP*o*// *OVOV*
LongCarngRange*1*Z*Temp*,m *mQLa~s*2*M @m*aryAxis1*Type*s^w*TSe*@*d* *r*Y*
Dim blnHasTwoUnitTypes*Boolean*int*Field:*:8Row*|t= *IsF.Lis* 'Numb*of ffto be graphed
J*Get primary value(Y) axis *for th1-^T
-, *de*de*mined by* first* F select*in SteOp 2 T*6wi*zarObIf*@rComp(*_*_(x(0)), DECIMAL_TYPE)=8 0 T*$s
(*S*oion *D*+ 1)*+*AN*Q*C(IJ *La*umn*K*Co*s*"2*C*range*Time a*4*C
(MT*emp*
A
W*on(eA, *1*Next*?
4a'*= DFa*i'Fi`0o:u f* have*Za*wo *u@* ta*c`E*t*, sp*ecif#*s*?Ptitl{%'s*eco
*f*"a*L*J*H*> diff erent*Hfr*omF*Y*es*Eo i@Rs ma2d*he@*KB y*!
S*#!*1*i*5*s*y*S*Q*"b* Jb*2LA*q*9Tru*xn*JX*]*#*e*z*#*/) /b//x*es*%//*
*:CH*NAME*'Assig*n eachr*appro@*0k*iM
*,*я*5/]/?*Y (*[*DEL_*z*0)*xg*same unit as primary Y a@xes
.SeriesCollection(intCounter + 1).AxisGro@up = 1*Else*FieOld h*
*sePcondK*2*nd If*Nexdt p
*ues(2, 2).HasTitle*zTruq*.*Charac*s.T4= st*rY*Sy*7*<*tArea.Fo@nt.Siz*<CHART_FON*T_SIZE*=IB
onlye0 y-a*DEL*Gob@jExcelB:t*s.Add*2A*ve*5*Wizard Source:=rngRange, _GM*Ga*ry:@=-4101
p
2B@
[categoryLabe*ls:=*s*
*Legen8d:=A`*m:=!*HProj*.N*Z
.DfrmAnalyzeTimescaledData3.cboU`*s.Va*
*UP*c'Format@ the c*t*G6*K &C*>G*; *j*[NAM*Z*a*iE#L *hra!C6*.Left@*:*..To*400*LA*
aSub*b*c-e FunB*j A*_w(@h!oType As String)
'fth*hret*urns*na@*<ofb*bgr*given*! tA*a f*AS* Ca*se*g*#*CURRENCY_*TYPE:*!*COST*
q*KcDefau*ltWork2*pjM*tA9*^H@{s?e-*W/ 60*/1*pjDay*m*= (60x * *B*H)*DEL*Week*,*t.*
) < 0 *Then*0*fp/neg@gv*lin* *s* *beginn*Chr(45*!a*Y2p*w<), *(0:a*2*dojn*`h
a*t*
*"2/#*two*<6)* 10r*_Number_with_Decimal = SDtr*& Ch(Abs(Fix(sngValue))) & DECIMAL_SEPARATOR
D
If flng*/ 10)*m0 Then-8'if the tenth's place is zero a ppendbeforeAe.g4. Fn*,10 .01, *= *so we w8ant,-to* obtain*b.C
x*at*hou*s*a*x*DEL_*${*,*DEL_*r ? *of*a>o*ne_T*#*o>*nT

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|=5e=m5 or m="_nq_n=> )t
n dG>CPr'> &&&&22y/>t
ns n _ _ ?> +//Woa_{e nPK? b5i b _K{H DEL _M _MUMK2 DEL
Funciop
Private 5 sW As Single) Integer
'urnfsR $ ofuQ s Pup` 5 C 4. (N5 , re a0 W` "s` * >=k DEL NwEl s a/y R
ElseT If (sngValue * 1000") Fix,Th en I 3) I4 ^ K %5 %nd If= E
Funcio@f x r + + X$
@ (
8 H DP
" H 68 p x
( 8 D@
" H 6 H P X $`
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"E`xpose@TemplateDerivCus@tomizaD

Option 1licit

'LoSSngs

Const MSG_TOO_MANY@_UNITS Fields selectAin Step 2 have more than two unit types. If you wish to plot a graph of
rd, f4witxh nA,INVALID_DATE+This Aa valid,e, oroutsid,e range f'es, whichA January 1, 1984@8

6FROM_AFTER@eC6e 'From: 'B4aft#'To. ReenB6 soi f@' @beA!E@\$
P Sub cmd Add_C@k()ProceduC't remo(ves@eOtem f@. "AvXail@:@'liand a d+e "OGe
EintIndex E'l"gerPosi"d blnSe^Boole,anO@krr@'GoTo NoEff>On# = b| 'N#om#ouye`ta = 0

L e. q+ %E9IfG Nex2Q' +u#T" |=ihsn'tQfo>! :libk\$

Ae, AS'disBA# ton.

/DQoA.Enae#,Mak@

RBE B, FLinae s v e# P a?X0C_To

9Ex MS

B:MB)W DbIXByVal CancelaNMS?ms. ReturnDKoZ oZ}qToZ oZpFa} oZeZSZZ< 6

DEL9DEL9Wt9ut8 DEL8 DEL81 y8*T*Q'6m@|66d1 DEL6@!?55

1, pha -C +b <

Q/+] S#3|t* .o| / ^5/t5BBo cBz}+ \$n O9O9|Ke 8s 9

, h+4tp

o s?4

d/>5^5@a)AQ Gv ifqyB a Tg4fc box NMleFields.ListCount > 0 T@hen

cmdAdd.Enabled = True End IfExit Sub

NoEffectOnRemove:

d6

Private* IstToExport_DblClick(ByVal Cancel As MSForms.ReturnBoolean)

'Procedure @that rrs e sel item from "7 to)8:"! a kadds cthe "Avail:"

yDim Ostrl/QString

int Index_In teger ~ = 2(& Om@d, 'If MRisn't at Yst oneE Pin UQ E, 8dis

o 'wizaDrd\$Be@e0 hid@UC2, check i ?@](4 `>Di'5'd;dely. gis, @uld be bA

d1as well#not,=AKnP 1 ?@F%8L frmAnalyze Timesca Data1.6c E

Jh(IG lu 2. < S=YG GA!@macr odn A 6!H Fes F L C"QCplay5rblnGoto=AI5 \$ E = H

T(< |3)A L*I - Alertrb = a; |rGcio n go b J = '0sB7qMsgBox {G_TOO_MANY_UNITS, B# :=vbExc

(e a3.txtFrom

hINVALID_DATEOOO DEL DEL H DEL

S etFocus/?WGSelSta'0'S DELm.p Length3 = T@ ? ? '3. Uq1& `e To ?? 1 1

_S] _ Q _ {2\$ S UI! OD{1C;h G-)@y a!FROM_ AFTER T??

Set_Defaults_ Step5IfmAnalyzeTimescaledData5.ShowNEnd If

SubPrivate cmdNext_Click()

' the cu@rrent v 2 dialog4 aQs_ fo r!3 oh'9 wizard #3.txtFrom. Focus) ISta@rt = 0 L`ength HT /

p

" " B ? (8

Xhx

" " B :0H

0@P ` @h B :0H

`p

x > " "

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`p

x " " B Page 40

@P `p x

" " B

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P

`np x " " x|ocalizable Strings&Z Fields selected

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dCre{blAiFalsePredeclaDIdTru
"E`xpose@TemplateDerivCus@tomizaD

Option 1licit
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'LoSngs

Const MSG_TOO_MANY@_UNITSFields selectAin Step 2 have more than two unit types. If you wish to plot a graph of
rd,-f4wixh nAg,INVALID_DATE+This Aa valid,e,oroutsid,e range f'es, whichA January 1, 1984@

6FROM_AFTER@eC6e 'From:'B4)aft#'To'. ReenB6 soi f@'@@@@beA!E@\$
P Sub cmd@Back_Ck()@HEScu@=nt3 dialog and pshowA[of.wrd

V.
{2.S

E`^I\CancelAAmacroæ@YFin@Z = 5`
#@glSbal(e(txt>.Value) Then%M'sgBoxBw a, Butt z:=vbExclaP`, Title:=App8a.a'
`

SetFxocu'a!\Start`R0 ILeng`x= a%TextEB`
Tos

/iq ma!`C<>` R?'aH"J@v@E73#'#\$Z\$7ao%Q':us`Ohasi fe@
P34.opYtu7@eq(Num_Ue@y_Qjs(2.Ist~To!rt) < 3F3Z\$`_Default_s_Q`
e'0?|?599Z?Zez OPELisUt? r|`{'U:NOTQ5?`
Uu&`&`9q`N0qO`_`40??`d`
8*?`?`on?`]/`?`b`Se`?`b'`OssQ`999fp@`?`z`6`?`?
r`txtFrom.SelLen@gth = LTHextP
Else":frmAnalyzeTimescaledData3.Hid(^4.Showwnd If&E

Sub

x`A+++++
(8H`
`p`"x` \$` " B` @` BH` :`
>(hx`
*`
(` "0 B8` @` B` :`HX`
p`
>`
(8@` *H`
x`
` " `

0@` P`x`Localizable Strings`Z`Fields selected in Step 2 have more than two u
!\$@` 8B@`|A@H JB@p`a`X8Alert the user to make a different selection and go back`
B@p`h`a`#User selected NOT to graph the data`||| 8B@`A@H JB@p`
!\$@` 8B@`A@H JB@p`a`8Alert the user to make a different selection and go back`
B@p`h`a`#User selected NOT to graph the data` 8B@`A@H JB@p`

in

Bas`0{AA1BE591-2602-11D1-89DA-00AA003D 264D}J57#J
dCre{blAiFalsePredeclaDIdTru
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'LoSngs

Const MSG_TOO_MANY@_UNITS Fields selectAin Step 2 have more than two unit types. If you wish to plot a graph

rd-f4wit8h n a
P@D@F Sub cmdBack_"C9k()9Pr ocedu&t hides-4th@.acro and dis@Yy3
V.H3.txtFrom.SeitFocuX@IStart@^0A ILeng@M= U-GText Show
EHX\Canc\el]@sDZC Fin qT65A.' Q>us er VhY R Q cQ make sG'f^, he/sGdidbTcl
T(A2.lstczTo\rt) < 3)L

u4H`a]_De faults /e u 5. Le E Ale*764a`vffeprint ayg o b@g#` g MsgBox
& Iu2" plf \$ UZ NOT P Zg 9u 8 | @ Y}N } f [[& > Ek0 > > > > > p7\$
r H DEL S6 No x 3A +

" B 6(x

0@P

h

x

(@0 Bp :

(8

@P >X

*

(8
@P X`h p x Localizable Strings WZ Fields selected in Step 2 have more than

End the macrod <Hide the current Step 1 dialog and show dialog for Step 2 of

the wizard B@

B@pl (<Hide the current Step 1 dialog and show dialog for Step 5 of

the wizard 0Check if the dates entered in Step 3 are correct \$!&n\$ 8 d !:hA@4 \$!&B@- \$!&(\$!& \$!&(\$

Z 8 d !:hA@4 \$!&B@- \$!&(\$!& \$!&(\$ B@ electe \$B@pm "Ava :If the user has selected to graph

!\$@ B@A@H JB@p sure a 8Alert the user to make a different selection and go back to Step 2.

B@pes theha#User selected NOT to graph the datas it t B@ilableA@H JB@p h h h h h h h h h h

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Currency Type Z$ Time Type Z$ Percent Type Z$ Decimal Type Z$b Do you wish to export timescale
End the macro F This procedure sets the defaults for Step 1 of the Analyze Timescaled Data wizard Z OZ
more than one task has been selected 5B@~5(n ! ! ! !L'h
h
a
only one task has been selected.5B@~5(n % ! % !L'h
h(
7If the currently selected tasks are all external tasks,;disable the Currently selected tasks radio button in Step 1 5(
5B@~5(na H5B@~5(nh h h h n F This procedure sets the defaults for Step 2 o
;Fill the "Fields to export:" listbox with the proper fieldsA@;Fill the "Available fields:" listbox with the proper fieldsA@n
!. B@" $C@Tn 8l 0 0 AFill the "Available fields:" listbox with the relevant timescaled >fields dependin
!. B@" D!H$=If the current view is a task view, fill the Available fields-list box with task-specific timescaled fields
1. days 2. weeks 3. months 4. quarters 5. years $!, FC@T HC@T C@T C@T C@Tn
Z
'B'D'F ! %"$4 HQ B'Bh HQ D'Dh HQ F'Fh HQ F
ZThis function checks whether the new start/finish date entered by the user is valid or notZ
E<If there is an error with the below command, it indicates an invalid date D! :%V' 'a'H $'a(
$
'a'h'h'h's'f
WSet the default bitmap shown depending on what the user selects in Step 4 of the Wizard 8!:n J!L(J!N(a
'DISCLAIMER OF WARRANTY0THE SAMPLES DESCRIBED IN TH"OCUMENT AREp UND!3 CODE.FSH-PROVID)
RISKyIS@I,UOR"PER$MANCEv
REMAINS[p YOUON O EVSHzIITS SUPPLIERS BE LIABLE +RDAMAGE0WHATSOR (FI,
I,
LOSS*@"BU5CF qES, FINTERRUPX, =B-O@>PECUNIARY)VNFACINFTO T,O,H
Option Explicit
Lojizable sngs
Pub Const FIELD_ACTUAL_COSTactually st@@@M@E_WORKOvert@@ Woork:WPP"CWP3
BASELINEBaselinef{f7B !4C4WS$S3-CoG5,@ TIVCumulativw9 C@L!!TEAh%"mpltetetUM%
V
FIXEDF4Fixed3LOcc AKallZ]sRQ_PEAK_@Peak Units3E+kPercent NA3eCoy2REG`2
\STEP1_L@BL_TASsDo you wish to ex`port Yß d for the +ire project,& `cutly U@,tasks?" RESOURC r a
_d_GH0 c9
ex`_Py`T W Q Wrd c`annot+ +se<FILEOPP>=0do haPta
opePn. OP F, andAn r#macro3
Sub )=() Di@m blnT3View As Boolean
HasGhqfsOCNo8NoRE1lte2mOb!>
Check_if_P?_S'Set*Dbe Tr`ue if + -v is`!+ 3`If Is1(lAcq.6) p,
=-ElseJUpFa)ZllfsS'rTmakuq9hat dB;^;!/3C`)
As.CouP=< 0?c
Else
For Each Item In ActiveProject.Tasksx@If Notfshing ThenX`blnNo = Fa#X.Ext`ernal21T8ruej9aHaGsHostg5
Nex`t_Resources.Coun`teOdxx7-%!@(&n&oNaC*"Alert the u@ser if p contain
A2Sub
Private Check_if_$_Op(en(`{ce@dure casa a %fileo)a

```

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Dim E As Integer, r As Integer, g As Integer, On Err Go To F:stc=Exit
No j FILEOPEN, vb Excl VA$/macrog'L1(1B oolean i T Tsets W}T1s 0 Q
' Y!c
OneorMoreSel edx [OkExp ortab qint"vPc I nteger y Ob sA! Wpith + + De%d on (
/U s" '2 numbO,h` (by sp gre "A'p
1
a ly p x)P> D @be e 6ed, so make r P `q, eB/(E nti`_"W.g43) = " O,tedB,En d
If ActiveSel on.Tasks.Count > 1 Then
' more than onx has been sed].optCur@rently edRows.Se@tFocus1;Value = True?For Each lte m In In DEL
H <> "" [hY?y'the c E F t a pall @G b, =dis ZA
M
radio button in Step 13
O # End typ WEt o W 4 /u 8a view is a resourceB, +OneorM " ^ R
9 'j*T7bu) M 6!x =3 L ` "w % " L o 9 t4 /
o
g_ ?Yj_ q & = ! With 9
@d

Private ! _Defaults_aS2()

' ) > procedu Zsets e d f bV2 of A yze Timescal ' Data wizar frm7D7 23 ' Fi b _"FieldPo
r Work a! Dim ~ A s L BBox
S ! p _edR. Cl ear SB! O .Add FIELD_WORK, sert_Po sition( , -a/bk1_ % < Cs" e rleva
| ew, ` D 5'1E GE -specific

! ! # $ % & ' ( ) * + , - / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y [ \ ] ^ _ ` a b c d e f g h i j k l
. AddItem POVERTIME_WORK, Insert_Po si#
? "q4h6_pBCWP ` (S (S (ASEL|NE *- mZB Z / CUM ULATIV F [GPERCENT bMPLETE *4 +
} } / % & h n K DEL DEL DEL DEL T # # x { a6 r ? 9 ro N
y
? ? ? ? 'g? +o6o6i6 End If { W z
Sub
Func nc stL ~As qBox,0 strR 0St@ring) Integer
B ' that E'turns" index p of if it w@ere tobe i into @ ass.up b alphabeti ly ascending order

Dim intPosition As Integer, b As Boolean
:= False If lstList.Count <> 0 (TheD $there is a "t"st mite l > boxGW = 0 Do (Y (StrComp(str*I(,
H(%)) < 0) L! A P new Js lesser than cur relX fZ, en J' sho uld b xn" @ted juzb efo) " U Tru L m E
AFunc Private Sub Set_Defaults_Step3()
' s procedu *set:s Fdd 3%JAnalyze TivalcaledData w izar 5 StartWeek W 9frm dG
3c A "From:8" d (jepct s .txt. Val ue = @eF ormat(A ` vePro . b, C_ 5_ !O 'AaTo f inish To;
@? + 'C6g SSP ,Cas mt pj!_mm_dd_yy_h h AM:g , /_0 u a 0 A7 DEL DEL yxyy>y_ `f<
$yO
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d EO / & #

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pd?y?_www?W? o?i?";d;rc?<?_?Y?-?Th?ssubrou?{?e f?r?ollow? .Addlte?YEAxEnd Wit h

Sub

Function IsTaskView(vname As String)Boolean

' This f:returns 1 if 3<!a S alnd909R?esource=?Dim v?G?Variant?

?blnFou?r?[V4For Each?In A{veProje?ct. ?}Lis(?Ig=The?9= True4ExitN ??:?

?If?N?ext vB5?%3? 2Els?

Fa?C?Unit_Type(strF?ieldN?q?

~:vCURRENCY_TYPE?currency val?AK'?>TIME?0work?@?CE?NTXpe?n?V?DECIMAL

decimal#E?hSel? C?ase 3C?m?FIELD_AC?TU?COSTD?FWp

I?OV?ER?FWORK

?y_"#TWP?BASE?LINE_#?C?Xg?<?BCW?!?G?D? &h?CUMUL?ATIV?)q?ejCOMPLETE??-?o?

?4?4CV?w?NFIXEDN?R!pALLOC9?-ON?[p?xpe?RPEAK_?UNIT?O9NOJ??

R* iE?1?/#?pR?EG0-R_?i_y5REMAINING_AVAIL?ABILITY?M?S?'q\?1?r?zcf?OzPrivate Sub Set_Defaults_

R?Q? frm4'?4??.optYes?,&'Display img?X.Vi?sibl1Z?.E?No8?

s?!\Num_s(8lstQ?qBoxYInteger?that ?number%u? t?s ?in?fQ?%?0?q?

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?nt?0C\$?PS?o?a? 0 J= 0? To ?.Q? - 1?- 1?a?R(W)?9_?2?

q?u?l?r?>_?_?O_?F?f?3//?_m?/?i?O%?u/?J//?Z2?; S?XF s'<?+?B;U)e?H

Funct? IsBadDate(strEntere8 As St ring)(Boolea?This f|checks whether new start/finish d?e? by\$us-Hvalid or not? D

On Err5GoTo ?:'lfare ^an Be(withxbelow command, it@ indicQs? ?o0'in?K?\?*?G= Appl?.SDiffA?nce(A? f (Year?< 1984) Or> 2?049?5A?!A?BFa?@

`nd If?V?E9?Ex?EÃ

sK?S]

?G?Set_Defaults_Step?5(?z'?d? bitmap shown depe?ng on?at?

?sel

?s?@?ep 4 o? Wizard-?frmAnalyzeTi@mescal?a4.optYes?.ValueD,,AAu5.imgBa?.Visibl?A+?bhh5;?

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??x?Localizable strings??Z?e`kZ?Minutes?
?Z?Hours??Z?Days??Z?Weeks??Z?@This is not a valid duration unit. Click a value from the list.??Z
Blank Task ?!?? ?!??@not a Summary Task j ?%h\$f ?!2 R\$!da??X ?!2 P\$!dh??8 d ?(2a? task is a sum

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nS HOUR! Hour DA"YDay
WE EKWeek HMB_INVA LIDUNIT This not a valid dD uni t. C:kCue from the list.-SERTE`DPROJ an ins
for!Oopen at" . Oe Tools me`nu, c9xs9Schedu @ .n a .:
!c@ente:' fieldAM

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U@[As Igedr ' Fe A;Summary` Task s t () Elap k9' dSu`b iti@LzejL`G(~cl
!#1 cboa.A ddlItem (am)bn V @ [jg Id@ropdow o2 @lwhS curr@EGtingu GiC Qa%
"ubP`]` aY cbo(nD [a st sk A3[S" C SeH!` each v a Jsd M zg dl
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If NoHt (
Is h+) Th Wx` Blank KSG .Ex Sn a! QfQ3'ea@ SO9 IsM E.G etF \ (pj)#
>c q8s (# us s qs 2' - :BDp3UM K<P> "f;'0h ave
{ DEL MsgBox " & , Title:=App &. DEL q% = NexNt h^
%^Fun sP XpLead LNumbe,r (+ + Z)Y[U"n tun bly q#S gross h's how we'll d"o %is. FilRrs0 wi
(ne ! 0tart eri gh sinc someone F@n 2 -s se# Qr,acY@a e ! imal@6pa@rator. 'R_ grab`"
he <V >0! aw Char W W %! = LenY 7 Whi p Is "0 cq 4CQW
Wenvd9@uT &n` &pu \$ Pout / of the string
SXpLead Number = LTrim\$(Right\$(Duratio@n, Len) - intWaDlk1))

End Funcj

Pr ivate IsElapsedC[V As ng)
Boolean

'This fw returns whe or no t d
'in e = un0its.Z\Dim gTempPos =Integer JustUO S 'first ne ed to p of Lvalu e) = |
'Deter`ine i/= l et 9~ r |thatKich de@JesD t V@ a G * z F= In@> %C, ELAPSEDÄIfIR= 1 T
Fa (f) ValidFo rmat 0r C iUType
tskTalsk x O bject> E = -

Se
CasB) BPERIOD_ MINUTES GtEB! = p jMinutH0 s 5 Hm |A
(C) HOUR` Hou qQ a (H) DAY` DayW) c @ `C` WEEK` W eek a
H" sMsgBox MB_ INVALIDUNIT, vbExcla lb Title: =Applic .Nam |s KH| =Exit B s` cls+` Sub cm
Op sS chedulev b: = FC3[rG
Unload frmCu Lj Cance> l % x x }

0 @ "H 0P
End the macrol C Attribute VB_Name = "Format_Duration
'DISCLAIMER OF WA RRANTY` THE SAMPLES DESCRIBED IN THI"OCUMENT AREp UNDBf CODE.FSH -PROVIDY

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REMAINS [p YOU N O EV SH z IITS SUPPLIERS BE LIABLE + RDAMAGE0WHATS OR (FI,

LOSS*@"BU 5CF q ES, FI NTERRUP X , =B -O@> PECUNI ARY) VNFAc IN FTO T O, H
This macro ref s the d | of allbtasks in projectL s areBexpre ssedAei

in

r min, hour, day or weeks #also set default unit. A summary "a and new will be shown at

Options Explicit Localizable Settings

Const M OFI OLEOP B @ You do not have # open. Odd a, !n ruc) gain.

Sub

Check_ihf_P_0_afLrm.I%i aeLis (cbo UA+Se` tFocus_e@IStart 0 <Lengt h Text#

S@:6E> &A Private (\$%A)"ce le ca) Z]7fi >@c8a

! Dim str As B @ On Err XG oTo NoF

1: e= ActiveD6.# Exit d @MsgBox vbExclamation @ DEL title:x=ApY !\$'? @OC~

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8 H P X ` h x : (0 P 8 P X

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' a (` h h h s ` f T This shifts all of the constrained dates in the project, so that

End the macro d C This function checks whether the difference between the new project Qstart/finish date

Bas {AA1BE585-2602-11D1-89DA-00AA003D264dD}J51J

dC reatabli False Pr @ edeclal "d Tru

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Ex0pose@TemplDeri
vCcomizD
Option 1licit

'LocalSngs

Const MSG_START_ACTUALS One or more tasks have actual enteq. The startof thecannot be changed.
DimprNew As EPP{ Sub cmdCan cel_Ck()@ProcedBuends/macro

End

POKRthat >aB#

+#

'Dis^M OK Pand C t[OK.En?a mA Ge tbnewcVM sel5e`!

stF(= tx" P.Val I f IsBad,j(ahnC! M`sgBoxBs T, But:=vbEx@C}`C A

aQ+Se` tFocuEb!aShift wrain#=lfc>Func[E kO)PB oolea#`rBf`chec`w4he?r4d b

s=P App`na!(.a Diff@ r(RA*ve`qjR. S, A{H, v`P 0@`Q5/'EB N`Is!)

!

f (Yea

rn<U) Or#> Q4951r? p{a501x 0

%_gc5

Z9esRZ3s;s a ll #z) Q<@c2V%hpro\$#o+X-y occu6sI leng. iawa y from2!Sw tS 7e

sVp|Olb4VC,ouR lge&r In Nte d@` Mq`su!di1`tsyorig in

s"vWtq*uB2 e dvP twee n& 4mD 9OnG! olj4S

6lh7hah d+g f

" , returns 0, | | (znegPov x k Of

x/`mu' ,! \$t G ^ " & e,0\$d m `S9 cA\$:s etAO, B r%U&yto 0 R= p I

!~ fT(mv WY% ; P End If

'Turn off alertsTA, Show:=False Go through each project task, a shifhe dates cons trained(f'We wan,o skip 8ins

()If N'j Is hi ng Then #2.Ex Pna^ i 0. @JualStart <> NA

b inHass / Tru@} @ CvtD z -EC@ PosikD i 9' @ t s-s a r B time t@day' B eren

@` Hoj e, e e @ u oo sQ _ @ = Nqk@ oV X f/\$A! ? Fst p

o%Scalcul 2m t`

sC 0a Lt 3 t Cur tVi _ = GANTT_CHAR" T Sel Be

` n "Goto 2q`

C` ! r if ha with act H R! / + QMsgBox MSG_ST

_ACTUALS, Butt :=vbExclam , T@itle:= N`! ?>HFIN ISH ___ [f&;7t macr o3

CS

Priv! Fun on 4Is8 (!D As4 S l] BoPolea of 8cks wh* eprbd7be tweenba? =6'r

@ea ` by " 65

'@ r HDimaRRem Vd0 & C#OU / (;BHo@ursPer0 * 60) -bX}'V, , 08D IsDayMultiple = True

q Els\$4

Fa<End If

Fun ction } + + -

(0 @ X h x 0 H 4 @ P ` -

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`$x%
x%
1
PERT Analysis
a
h
Weights do not sum to 6
b 6 8 !:A@4
h
-Calculate Expected schedule for all tasks. **NCopy Expected duration into the Duration field for all tasks except
''
!4 !@ !F (2h
h!<'jgHQ$Finish2 h!D j
h!D'jgHQ$Finish3 h!J j
h!J'jgk`h`hX`P f`9Set date field to latest date. HQ`Finish1 j d(<HQ`Finish2 j d(D`HQ`Finis
h0Procedure that toggles the PERT_Analysis toolbar $!`$$(a`h`*)
End the macrol`Attribute VB_Name = "PERT_Analysis"
'DISCLAIMER OF WARR0ANTY`THE SAMPLES DESCRIBED IN THI"OCUMENT ARE UNDBf COhDE.FSH-P ROVID)"AS I
REMAINS[ YOU`NO EV9SH`z`IITS SUPPLIERS BE L`IABLE `+`R@DAMAGE0W HATSOR :(FI,
I,
LOSS*@"IBU`5C `q`ES, FINTER`RUP`X, `o=B`-O@>`PE`CUNIARY`J)VNFACIN`ft`O T`O,`H (IF
Option Explicit
@Localiz@able s`ngs` weight titles and their valustored as global const ants, so y can be access`by Set_Y_W@
ll@Calculateb module
Pu`b` Ca O`FMIS`j_WEIGHT!`mis`tic `@`JEXPECTEDc "ect`PW`X``LP`D`EFAULT_`1`
##@FRY`SHEEB"PA`(Entr`.hee`!`#`%` (NL`_TIT`!= 6"&h`7m`"age boxGJcMSG_`A`
asks
proNj02`kp$agp
`afterB` h`@`t`[`U@_GHOST` g6iex` =` !`E`pe`r0mC` ( a`Jset*"NOFI0LEOP`^`,YoRuE ha
,Pn rT"`r`P0non-`U`
Q`ARx`qJl_DATE`1/984 @0:00amfL`"12/31/2049 110:59p1\Su`b`T)`2`F`aB!`Thisr #
us`^P3s`@d%"N`%1,s2t3 fields%/`sum`maP$`$04`*`D!`&U.`t`W1g`I`Most `Zdur`5d,<`p`06ly`Q%
9`n`3&
3)
`
Var`Decla
Dim sngU As pSing`2`p`0`b@` `y` ts`kP`RT`O`
rTAB'Refe`hc`@IoE10 ob`U'blnAuto`9QBooleP`y`U`pqj8`Vi<gi`Qb`6J=od"e9trC`pVi4ew`SR`S`S`
a`MsgB`N#t-`utt`O:=`vbCr`@`e:=Application.N@ame
EDnd`ElsXFor Each Item In tsksProjTal`If (NotRshi`ng ThenP,R.ExternalO = True15blnHasGhost`1^` If
Nex`V`Alert the user if`p`ject contain`s `!`_ `t`T`MsgBox MSG_HAS_GHOST_TASKS, Buttons:=`b`Inform`
Cs(ngW`/Ve= CEx
s(1)O`-@`-1`pS` 9obj $y`7XAct@j`.C$%`$.Add(OPTIMISTIC_WEIGHT, b1, msodyTypeStr` , DE`FAULT
`a`@`Eu`=A`p.e1`7O`d` )`9`(?S`$!`uSS'C
`"c`StarDt/`ishSlsh (mA(o`/D(c`ase)S$`15$`$s`$ $ ` $sk`$`$sk| I`$v`$` ` $s`R]`$v`$`$SY
`If` `tsk`.E.`z1=5Summxary`04cDuration V=
z2` Ekl`f`N`z`-`Calculatbe`vect
`@Copy c`d Start/Finish fields (exp`edse)` in`2`]for al`s`F`Eac`h`O Ins`a`%s`H[(P
`]2Ck` ` ` Most @Pessim`ic schedule `n **

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EA d txhe c ept s ie ? EG C en < d) C * s 3O-D
F G #

o m L p Lca 3 F / D FqF ? b 3 C

IE j @ PERT & z.A & J _ ocq oc _ _ _ _ _ 3

D _ _) A((sngOptWeight * v.u1) + _ = qExp skv2/qQh 3) / 6 L = o,NQ strCurrentView 7

sk hUpRi cation.DateDifference(.Start1, .Finish1)
.Dur 2 = AppTli 2 2 3!O3O3OEnd` With IfNext tskProjTask Calcul PERT values for the pect summary 2tSe

(GA:L G stChild 1 R, 1 r@ollup D dH

2 U 2 3 3 E arlied?) ? V>)kJ

>Al ffi(1 z f f A " i#M dd +) s aF EaDch , In s r

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; ? S + Q r? - sf ' [s ` ba iAut\$om c,jne0cess `sTOP

1 s :=bl&n

sViewcy Name:=strCu:r @t Q

SuBb Priv f Fun xon W@eightEr(intWtInd P7Asp6tegPer) S wl@e

'Thfttak as i1vrgumenztv 0wt ell! w 4R w zlookp' - h0be :sP S, s return ed

s - i

A no# 9 qDim @ s1 tr o`bjCus lpert paOff ice.Docb dyt sng Vap A

'As T e c V Ñ; C = @ SSe I Ca0 " 1 1 = OPTIMISTIC_WEIGHT 2 " = E XPECTE

3 PESS <

SA < sO 'Lq.through a ll c"# d ! #.F oneC Crg nY+3vr

%pr r . # (= Y b)+t

W S @ @ ((K -D'@wL} cER SpT 0!x(By@! { RO bj 2, 2A Field!;InO U K T @

c,"WrecHursP)ly Eany r are P/sp- e T R Q ' & H c p spMaxB `

tsksChil dren Ta <

datMax Date = Value(EARLIEST_PROJECT_D0ATE)'Initialize to ear liest} S e.dSet

=Summary.Outline 7For Each(In Hif(LNo 0 0 s h ing) Th { 'Check`see if t exists and th at is n.aternal

OBE 8 ~ ,A2also a sC^Q2 mrL stB) , int yField

'Callb recur sivelyLI E Vif DElseOA

= G etOb (ES)ED 6O. d rv=E<\$Sel Cas T K ' B/ev olb4 n- 1 Fin ish1 #

@H

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ub

!Priv@o rn (By` d " I, c Integer 'Th procedure se th dic` dq o k Ed /g`

F'4 fou@Yi v`c`qs g R c lrnd c`ed` fp|any < u ap

i)sDc < ' &

[T % ... ploop ! ' i^n lPr2' v variabl% P bbb S L c

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dCreatableFalsePredeclaredTrue
"Expose@Templat@eDerivCcustomizD

Option 2licit 'Localsngs

Const MSG_ERRORAn error has occurred during macro@ execu0.!!NO_TASKS_FOR_ROLLUP(Before you u
A

tasks inAr project. Mark want up , andn run

2again1.VIE

W/Y.do n\$otDveBa@r1@JMilebn6view r@equiNby. may @9aw Global.mpt=@9@.seKs. Copy

%8SORT_KEY15Startp%2IDTEEMPLATEC

> B D

TABILETT

'Help c3qs(!beD lcXed)EWH@ELP_FI# pJM98.hlSCONTEXT_NUMBE`53504b (Ovari`bDim blnNo
D !!(Appoa@dPatthSen@aU`pPosiHideSummary.PCalcModeCAw8ntVQ@
P Sub cmdCanceHI_Ck(+'Proce ~APa@t ends'X

End

πα(L

OK a'Remember

`u\= Act`@}hWindowBTopP@ane:=1`bh\$6j> frpom tpcOGoTo N6o*:alfAF=A
E?s2(@lf#`Altern# ext a@lo@sL @r@` KI Fla@g10cCd""no ha!been rk;@
SeImColumh#Outline@bBI-BeginFnptGotLD:!

:
- XqaCrPK3q@1`E-Ahopt1s?Fth0FchangeqcFpre9~a}Sa`e groupb`abars bitmapo5! :aBR
jMmoQ4SsJDSP np>sS(Sa), sOpOdon't overrw4ng2!t|sk=@q@QH`
m|O'as`e`tn;uyeXI

S!.q[cP Ea`ch ! I mS2DeP+mc ifb ! 8ty `d0zNo(t (s`th")7Ks w`he Or`p!`ck~`p
go0 @^gh`5l, t-he blnNoTasksRolledUp Flag is False, then
'an@ alert`displayed to warnA` usera@t no t` hav`een "r` up`lf` (tsk`.up = Trupe) T0Not 3Summ`ary,0=
Hi`de` (Bar@
`

For Ea`ch`vS?leA) I`sk

.O-LEEM(DH9,) FEx`xnal\$d)U[10C@;S`Bi`D
fi`eld6NZA#`a fA`wh"i@Udec`es Hwhe`r -n`o`o`ho h`w\$@ bars Q 7!`v!e`m`ka`ext p
5q!;a`

'`a `nest` ;`_`?Bb`Y`e`*70!hs|`Th`procedure recu`rsive` `!`i`eso`?`s?+)`m`.
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rrorh`~` :C7`o[ViewA`Nam`strCur

P`t`Select Case 8ErrC18?A`1c004`general e` messagehall o`j|=MsgBox MSG_ERROR, Bu`ans
`
`0`8`
End the macrol`Attribute VB_Name = "Rollup_Formatting"

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Task Entry Z MYou do not have a project open. Open a project, and then run the macro again. 0 RSet the Task Entr

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Begin {C62A69F0-16DC-11CE-9E98-00AA00574A4F} frmAnalyzeTimescaledData5
  Caption        = "Analyze Timescaled Data Wizard - Step 5 of 5"
  ClientHeight   = 3585
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  ClientWidth    = 6270
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f you change this value, you also need to change the Ad delimiter used by the OpenText method in th
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if temporary folder does not exist create such a directory A@h h h h =Open a
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tasks/resources is greater than 1 V! Get the field name from Step 2
(JB@ A@*, Plot the data if user requested to in Step 4 8: ` (JB@

~7@(B Apply the sum formula on all the cells in the total row < ~7@B@D < ~7@ < > ~ 6 ~7@7

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Do some simple final text formatting !n(p (make first column bold !n(r (m:

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◆◆◆◆a◆◆◆◆,◆◆◆◆"\$4'◆h◆◆◆◆,◆\$'◆◆◆◆If there is only one task/resource, there is no total
ype, plot a 2-D graph with two y-axes,◆◆◆◆?Else plot a 3-D graph with one y-axes for the single unit-type

◆◆◆◆D!◆h \$!,!n◆◆◆◆!

∫E ◆◆◆◆< D!J'k◆◆◆◆/f◆◆◆◆/◆◆◆◆◆◆◆◆◆◆XFunction that returns a string of the sngValue as a decimal with

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ple, 6/15/2032 or June 15, 2032. ✖✖The 'From:' date is after the 'To:' date. Reenter the dates so l

that the Add button is enabled if there is atleast one item in the Available fields listbox ! ✖
tton is enabled ✖ f(✖ ✖ ✖ ✖ ✖ ✖ ✖ Hide the current Step 2 dialog and show dialog for Step 1 of ✖

.ck ✖ to Step 2 P 8 ✖ d :! ✖ nA@4

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Procedure that Ends the macro (S< S< S< S<

Procedure that Ends the macro d Procedure that hides St
graph can only have two Y(value) axes :!n

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rrrect format: for example, 6/15/2032 or June 15, 2032. xZ The 'From:' date is after the 'To:' date. I

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There are no tasks in the current project. Try again after the project has one or more tasks. (Z The 10 entry), disable the "Currently selected tasks/resources" option <2. If the number of rows selected

:@T \$C@Ta If the current view is a resource view, fill the Available fields list box with CURRENCY_TYPE if strFieldName is a currency value, TIME_TYPE if strFieldName is a work value

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4Set default of Step &1#_Dcs_1 `K!KV Oc 2 _xp 3T !} s/4 dDisplay !

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not be changed. Z One or more tasks have actual dates entered. The finish dates of th

Assume no tasks have actuals entered F Calculate the date difference between original date

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acro to reset weights with only positive numbers. Z There are no tasks in the current project. Try :

1 xh ph h A@6 Copy calculated Start/Finish fields (most optimistic case) into St
> 8<Check to see if task exists and that is not a external task. ! !: (B !> (Dh h
h2 dates. !R A@P rollup Finish3 dates. !R A@T rollup Start1 dates. !R A@T rollup Start
<s that are also summary tasks. Z Task object in For Each... loop. Z x Date variable. Z Z

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weights, stored as Cu m Do cumK @p ies "no h GbeenV, default Ls of 1,4,1
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?# variable Dim objInsertedProject

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ired by the macro. You may need a new Global.mpt file to see these views. Copy backup.mpt to Glob:
A@&h+Alternate rolled up text along summary barsA;If no tasks have beer
!h xh pVDetermine if task is summary. If so, get list of children and app

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ailPostDocumentTCBC 6e&NewFileNewCtrl+N 6f&Open...FileOpenCtrl+O 6f&Open...FileOpen I

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tasksShow tasks assigned to resource:That start or finish after:And before:BGBGns\anD!"flang1

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caledBaselineWork ◆<pjAssignmentTimescaledBCWP ◆pjAssignmentTimescaledBCWS ◆pjAssignm

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6' hS)Set intDateOrder to the appropriate value :! HQE'
> A@,h |

'FB@H GZero out Percent Fields in Total line where summing does not make sense >

E \$t \$L HQE \$v \$ Lk @ HQE D!\ ^HQE L `HQE L bF
ake second row bold and italic 7f!n(p 7!!n(r (make second column italic5@!tB@v (autofit al

HQE HQE HQE HQE k f DFunction that returns the const

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line `> <a <h 6 N` +Get the range for the Time and Total fields

3. `Plot a 2-D Graph` `!.B@J`

five significant digits `Z`? If `sngValue` is negative, insert the minus sign at the beginning

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that the 'From:' date is on or before the 'To:' date.  Procedure that removes the selected it

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tep 4 of the macro and displays Step 5 ◆◆◆◆◆◆◆◆◆◆.If the user has selected to graph the data, ma

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Reenter the dates so that the 'From:' date is on or before the 'To:' date.

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cted by user is greater than 1, , the user has actively selected the tasks or resources to  be exj

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2 PERCENT_TYPE if strFieldName is a percent value 2 DECIMAL_TYPE if strFieldName is a c

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s (DurationFormat)Z ⚡ Elapsed Duration unit ⚡ ⚡ Create list of duration units available on the fr
this is gross. here's how we'll do this. ⚡ ⚡ First, we will walk backwards through the string until we find

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& new date entered ?Assume the difference between new date and old date is positive  :%V'

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it property already exists for the PERT weight  If the user has already set PERT weights, so a cust

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again after the project has one or more tasks. The project contains one or more external tas

art1/Finish1 &fields for all tasks except summaries. " 3<Check to see if task exists an

5Calculate Most Pessimistic schedule for all tasks. ** /Copy Most Pessimistic duration into

2 dates. !R A@T ^rollup Start3 dates. !R 585< :%V945B5D :%V9@5H5J :%V9Fn n

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ject on top D! 8Print the Timescale in increments of the Timescale units specified by strTim

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tant referred to by strFieldName. The constant is taken from the PjTaskTimescaledData enum or

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▶ \$ h SN E HQE sngValue does not have a decimal append 5 zero's at the end U

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em from "Available Fields:" list and adds it to the "Fields to export:" list

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ke sure that in Step 2, he/she did not choose to export more than 2 unit(v types since a graph ca

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Z The project contains one or more external tasks. The Analyze Timescaled Data Wizard cannot report, so make the default selection "Currently selected tasks/resources", else make the default

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decimal value 6 HQE 4 HQ 4 HQ

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ks. The macro cannot perform PERT Analysis for these tasks. You do not have a project ope

d that is not a external task. ! (8 !> (<h

o the Duration field for all tasks except summaries. " <Check to see if task exists and l

h 2Calculate PERT values for the project summary task DIR. <Check to

id that is not a external task. h! h!L h! "Child task is also a summary task. h fA@T

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Procedure that changes the preview in the
GSet the Flag10 field 4OSet a flag which decides whether or not to hide the summary bars for

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ulativeWork] [pjAssignmentTimescaledCV [[pjAssignmentTimescaledOverallocation [7"pjAssign

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columns 

 APjResourceTimescaledData enum depending on whether the field is a  task field or a resource field

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aphed have one or two unit types ↩ If the fields have two unit types, specify the units and title ↩ for th

↩ ↩ ↩ ↩ ↩ ↩ ↩ ↩ HQE ↩ sngValue has a decimal ↩ sngValue has one decimal place, so append 4

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◆ No selected item found yet ◆ ◆ Helps keep track of where to insert item ◆ ^ ◆ ! ◆ ◆ ◆ ◆ ◆ ^ %d ◆

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export timescaled data for these tasks.    You do not have a project open. Open a project, and
t selection "Entire Project"    ( B@~  (na  p    If the current view is a task view .

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ter as the decimal separator.) Then we can grab the string from that point on, and strip any leadii

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7If no difference between new date & old date, end macroh Save original calculation setting

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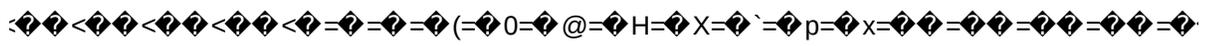
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This is used for the current
#Minimize the Excel Window
2. Get information to obtain data a.

: to see if task/resource exists ! !L Task is a regular summary task

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`Function that returns the index position of strItem if it were to be inserted i`
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Procedure that adjusts the dates Disable the OK and Cancel buttons

, and set the Calculation to False Turn off alerts Go ti

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cedure that changes the preview in the Sample groupbox to the milestone bitmap
██████████ If the task is a nested summary task ██████████ A@ ██████████@ L This procedure recursively

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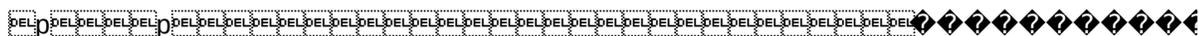
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cedure sets the defaults for Step 4 of the Analyze Timescaled Data wizard 8  : Display img

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l by the Tools.Options setting `Tools.Options.D``
found the number. now pull it out of the string `p p t` `x$ v'nf` This function ret

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through each project task, and shift the dates of constrained tasks [corrupted] We want to skip inserted projects:

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ERT weights saved in the Number1,Number2,Number3 fields of the project summary task. The Nu

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art2 dates. @T rollup Start3 dates. 585< :%V945B5D :%V9@5H5J :%V9Fn

tart3 h!H p h!H'pgk Set date field to earliest date. IQ Sta

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➤ 6

➤ Procedure that alternates rolled up task names along the s / applies rollup formatting to nested summary tasksh If rollup to show as bar:

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: Project has at least one task/resource

:here is atleast one item in listbox
Step4Yes

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urns whether or not the duration in the string is in elapsed units. Z first need to strip off the

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mber1,Number2,Number3 fields contain the weights for the Optimistic, Expected, and Most Pessim

▶ Calculate PERT Durations. Calculate the PERT duration for all tasks except summaries.

Calculate PERT durations for summary tasks. <Check to see if task exi

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summary bars, so the task names don't end up overwriting Store calculations, hide summary bar only if that summary task has any rolled up sub-tasks

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Excel... Z Done 8Z You do not have Microsoft Excel 5.0 or later installed on your machine. I
de the current Step 4 dialog and show dialog for Step 3 of

▶ c. Get the list of fields to be exported from Step 2

r of tasks/resources printed ! For each field the user has selected to export from Step 2,

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Cost of Task Timescaled Baseline Work 1pj Task Timescaled BCWP 1pj Task Timescaled BCWS 1pjT

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from "Available Fields:" list and adds it to the "Fields to export:" list Z "t^ ^ %" B@T

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BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, ~~FOR~~ OTHER

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in the list, then it [?] should be inserted just before the current item in the [?] list [?] [?] [?] [?]. The new i
ls in [?]stList and strItemZ [?] [?] [?] [?]

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: duration value p\$' | Determine if the first letter of the unit is that which denotes that this is an el

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3 OUT OF THE USE OF OR INABILITY TO USE ██████████THE SAMPLES, EVEN IF MICROSOFT HAS BE

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ed by the user is valid or notZ **◆◆◆E** ◆If there is an error with the below command, it indicates an

! **◆◆"** **◆◆** **◆g !**\$ **◆◆** **◆◆**◆If the constraint starts at the start time of the day **◆**and the differenc

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HOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTI
nistic durations, respectively. The Most Optimistic schedule for a task will be stored in it's Duration1

<Check to see if task exists and that is not a external task. !

sts and that is not a external task. ! If a summary task. 85< :%V945B5D :%V9@5t

t PERT_Weights Form, which allows the user to enter weights for Most Optimistic, Expected, and

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ation mode status and set to manual 
#reset

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Please install Microsoft Excel, and then run the macro again. PZXA file named Timedata.txt is alre

compile the timescaled data for the selection made in Step 1 Set the field name fro

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If there isn't atleast one item in Avaliable fields list, disable the Add button. !   

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ER PECUNIARY LOSS) ARISING OUT OF THE USE OF OR INABILITY TO USE  THE SAMPLES

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◆◆◆◆◆ ◆◆◆◆◆h ◆◆◆◆◆ ◆◆◆◆◆Alert the user if the project contains no tasks(if the view is a task view) ◆◆◆◆◆Z i

tem comes after the current item in list ! ◆◆◆◆◆◆◆◆◆◆So if end of the list has been reached, insert item ◆◆◆◆◆◆◆◆◆◆

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apsed duration | @}z z    a   h   f                       BHQ X'N

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BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT

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invalid date D! :%V' a \$ a \$

se is a multiple of a day, then add (Delta + 1) days to the date and then subtract a day. This is b

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ION, LOSS OF BUSINESS INFORMATION, (FOR OTHER PECUNIARY LOSS) ARISING OUT OF CONTRACT, start1, and Finish1 fields. The Expected schedule for a task will be stored in its Duration2, Star

15J :%V9Fn h h h h x Set Calculation back to Automatic, if necessary.

Most Pessimistic durations. These values are saved as custom document propertiesZ @^

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t calc mode to original settingu  #reset calc mode to original setting  @&

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POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT ALLOW THE EXCLUSION

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ready open. Close the file, and then run the macro again. hZ The data has more than 256 column

m Step 2 "6 ' Obtain Timescaled Data  6  6  6     If the task

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CompletepjTaskTimescaledCumulativeWorkl◆;pjTaskTimescaledCV◆;pjTaskTimescaledFixedCostA

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• Make sure that the Remove and Next, Finish buttons are enabled

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), EVEN IF MICROSOFT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BEC

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f :! A@4d Alert the user if the project contains no resources(if the view is a re

fter last item in list Else compare with next item in list

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⚡ ⚡R DHQ Z'N ⚡ ⚡R FHQ \N ⚡ ⚡R HHQ ^N ⚡ ⚡RP ⚡⚡J 8 :! ⚡A@4 ⚡s ⚡⚡k

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* ALLOW THE EXCLUSION OR ~~◊~~ LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENT

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because 8:00am + 1d gives 5:00pm the same day, but here we want 8:00am the next day. & D

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J H JX 2 L D8 L L L Fp J

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IF THE USE OF OR INABILITY TO USE THE SAMPLES, EVEN IF MICROSOFT HAS BEEN ADVISED, AND Finish2 fields. The Most Pessimistic schedule for a task will be stored in its Duration3,

This function takes as its argument an integer that tells it what PERT weights

If weights have been set previously, display existing weights Else display defaults

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◆◆HQ ◆◆@ ◆◆HQ ◆◆P ◆◆*general error message for all other errors v f ◆◆! ◆◆A@4d ◆◆

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OR ~~◆~~ LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ~~◆~~

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IF, HOWEVER, THE ABOVE LIMITATION MAY NOT APPLY TO YOU. Localizable strings

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1s. Since Microsoft Excel can only have a maximum of 256 columns, only the first 256 columns will be

is a summary task, and the field to be exported is not  the Fixed Cost, Cumulative Percent Comple

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◆pjTaskTimescaledOverallocation)/pjTaskTimescaledOvertimeWork?◆pjTaskTimescaledPercentCo

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CAUSE SOME STATES DO NOT ALLOW THE EXCLUSION OR  LIMITATION OF LIABILITY FOR

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source view)     :!  A@4d    Alert the user if the project contains external task

Return position 'intPosition' for item to be inserted in list 'f'     This procedure sets the def

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: @ f Z !f\$~ . Set Default Duration Units

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NTAL DAMAGES, THE    ABOVE LIMITATION MAY NOT APPLY TO YOU.  This macro refc

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USED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT ALLOW
Start3, and Finish3 fields. Local Variable Declarations Weight for Optimistic duration.

ght to look for If a value has been set for that weight, the value is returned Else the function retu

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◆◆◆◆◆◆◆◆◆◆ This procedure recursively applies rollup formatting to nested summary tabl

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◆◆ABOVE LIMITATION MAY NOT APPLY TO YOU. ◆◆This macro formats rolled up tasks so that i

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:stoneSummary ProgressSummaryRolled Up CriticalRolled Up Critical SplitRolled Up Critical Progress

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exported. Try selecting a shorter date range or larger units in Step 3 of the Wizard, and then run the

te, or the Percent Complete field, then total up the assignment values of the summary task to

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)#fraBarsOrMilestones(74cmdOK-,;8cmdCancelWar(

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mplete ◊pjTaskTimescaledRegularWorkN ◊pjTaskTimescaledSV>pjTaskTimescaledWork ◊pjResou

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CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ~~THE~~ ABOVE LIMITATION MAY NOT APF

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:s \$:! A@4h Set default of form for Step 1 @ Set default of form for Step 2.

aults for Step 3 of the Analyze Timescaled Data wizardZ Set the default "From:" date

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for the project, so Summary Tasks  display their duration using the same units N   @   @`

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formats the duration of all the tasks in the project.  The durations are all expressed in either minutes

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◆ constraint finishes at the finish time of the day ◆ and the difference is a multiple of a day, then subtra

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/ THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL D/
Weight for Expected duration.Z Weight for Pessimistic duration.Z Reference to a task ob

irns -1, to indicate that no PERT weight has been setZ Z Z Z Z Assume no existing va

rw Set_PERT_Weights form v!xB@~ !x(!x! !x(B@pl Procedure that display:

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ksZ  Set text position flag f

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the task names alternate above and below the rolled up tasks. Localizable StringsZ Th

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macro again. TimeData.txt %Should be no longer than 8 charactersZ C:\ Use

btain the proper summary task-specific timescaled values. Note that by adding up the assignment

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MSProject VB Win1 ~Win32 Mac Project1

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ResourceTimescaledActualCost ☂ ResourceTimescaledActualOvertimeWork"5pjResourceTimescaledAc

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PLY TO YOU.     Localizable stringsZ\$  Actual Cost Z\$  Actual Overtime Work Z\$  Actu

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A@   Set default of form for Step 3A@   Set defaults of form for Step 4A@   Display Step 1 c

to project start date D!    &(n  Set the default "To:" date to project finish date D!    ((

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:A@tl    A@tl         Attribute VB_Name = "frmFormatDuration"

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s, hours, days, or weeks.  The macro also sets the default duration unit. All summary tasks  and

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act (Delta + 1) days, and then add back 1 day This is because 5:00pm - 1d gives 8:00am the san

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IMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU. Localizable strings
ject.Z Used to save original value of Calculation mode.Z Save current view nameZ

lue for the weight exists X Q Q Q k !, \ Look through all cu

s the PERT Analysis toolbar and alerts the user that PERT analysis components are already install

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or next task (top vs bottom)    a   If nesting more than one-level de

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There are no tasks in the current project. Try again after the project has one or more tasks.   You c

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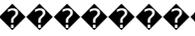
resourcesShow tasks that should have started

in

:oneRolled Up MilestoneExternal TasksProject SummaryBGBG%@"@ oCg

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r's c: directoryZ Temp Folder where temporary files

values of the summary task, we are excluding the rolled up values of the subtasks

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tualWorkq  pjResourceTimescaledACWP  pjResourceTimescaledBaselineCost4 pjResourceTime

in



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ial Work Z\$ ACWP IZ\$ 

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of the 5 step wizard  @pl    Procedure checks if a project file is openZ   D!'ru 

n  Fill the Units combo box with relevant unitsA@*  Set "days" as the default units setting F5,(nn 

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I new tasks will be shown in that unit.  Localizable Strings8Z  You do not have a project c

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re day, but here we want 5:00pm the previous day. \$& D!.\$& \$ %,\$ (\$!\$ %* (\$a

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PERT weight titles and their values stored as global constants, so they can be accessed by Se
z @^ !`." Make sure there is at least one task in the project, other

ustom document properties, to see if one exists for given PERT weight Z n'br

led. A@4!

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æp @ Attribute VB_Name = "frmRollUp"

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do not have a project open. Open a project and then run the macro again. ❖❖A@^ ❖if project is er

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by:Or tasks that should have finished by:BGnD!"flang103onttbl {f0\fwiss\fq2\chase A

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◆◆◆◆◆ Find out the number of timescale values for the data ◆◆◆◆◆\$

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scaledBaselineWork  pjResourceTimescaledBCWPZpjResourceTimescaledBCWS]pjResourceTin

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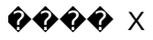


in

8 :! A@4d

This function returns an appropriate format for the dates that the function IsDate

in



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open. Open a project, and then run the macro again.   @^ :B@< :!>B@~  >( >!  >( B(

in



Set the new start/finish date for the proj

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t PERT_Weights as well as calculate PERT module optimistic PERT Weight expected
wise exit macro. "b f ! @4d

This procedure sets the indicated date field of t

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npty, alert the user and end the macro D!`!b  f  :!  A@4d   et the default fc

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can recognizeZ                               

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pl Procedure checks if a project file is openZ D!ru 8 8 :! A@4d

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ect D! ((Reset the original calculation setting @6h

in

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PERT Weight $\frac{1}{3}$ pessimistic PERT Weight $\frac{2}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ A PERT Entry Sher
▶ $\frac{1}{3}$ $\frac{2}{3}$ Alert the user if the project contains external tasks $\frac{1}{3}$ $\frac{2}{3}$! $\frac{1}{3}$ @4h $\frac{1}{3}$ $\frac{2}{3}$ Che

the Project Summary Task to the latest value $\frac{1}{3}$ of the field found in the children tasks of the project s

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or frmRollUp  (n  Show Rollup Formatting Dialog jB@pl    Procedure checks if a project

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ojResourceTimescaledCV  pjResourceTimescaledOverallocation   pjResourceTimescaledOvertin

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Alert the user if the project had tasks with actuals

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ck to see if Calculation is set to Automatic. If currently set to Automatic,  change it to Manual and s

ummary task. This procedure is called  recursively for any children tasks that are also summary tas

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file is openZ D!'ru 8 :! A@4d

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neWork  pjResourceTimescaledPeakUnits1%pjResourceTimescaledPercentAllocation  pjResource

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save the value so it can be reset later. `inc` Returns True if set to automatic. `set` `get` `@&g` `inc`

ks.Z `ask` object in For Each... loop.Z `ate` variable.Z `n` `j` `Initialize to earl`

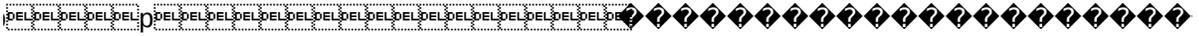
in



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:TimescaledRegularWork)pjResourceTimescaledRemainingAvailability ↻pjResourceTimescaledSV \ ◀

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▶▶▶ This subroutine fills the Units combo box with the following units: ◊

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If Project's PERT weights, stored as Custom Document Properties ~~Are~~ no PERT weights have been s

iest Project date.          <Check to see if task exists and that is not a external t

in



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ResourceTimescaledWork [strDates] InFoundFirstRow StartDate EstrPrimaryAxisU

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set, use default values of 1,4,1 for Optimistic, Expected & Pessimistic durations respectively

ask. h! L Child task is also a summary task. h fA@P Call sub recursively.h

in



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3 3 33 f33 3 3 33 f3 3 3 ff3fff f f f3f33f3ff3 f3 f3 fff3ffff ff f f

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InitType◆strSecondaryAxisUnitTypepstrYAxisPrimary◆strYAxisSecondary◆4bInHasTwoUnitTypes>

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◆◆◆◆ ◆,%. '◆

◆◆◆ ◆◆◆◆L\$N. !R fA@T _call sub recursively.h ◆◆f ◆◆Set datMaxDate to latest date

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