

Excel Report 2.7 (EReport)

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1

EReport –
Automation.

Microsoft Excel c

OLE

,
Excel.

EReport

Microsoft Excel

Excel

Excel

,EReport

Cross Tabulated

OLE Automation

Excel

Excel ,

Excel

2

Excel 97 - 2007.

Visual FoxPro

6

MS

Tastrade.dbc

3

e_report.prg er_xtab.prg

Set Procedur To e_report.prg, er_xtab.prg additive

4

: al_fa@mail.ru ,

5

?

5.1

2.7

- 1.
- 2.

[Composit_On_One_Sheet](#) 
lRest [Clear_group](#) 

3. [Fit_Column](#)^[20]
4. [IsExcelDemo](#)^[26]
excel2007
5. excel.application 2007
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VoxPro 6 7
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10. WinHelp PDF

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7. er_xtab.prg (. [Protect](#)^[23])
8. Subtotal (.)
9. (. [No_SubTotal](#)^[27] [sum_NoSubt](#)^[14])
10. [NoPageSetup](#)^[27] ()
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13. [Add_module](#)^[18] (:)
14. ([Use_Array](#)^[28])
15. : [Add_Chart](#)^[16] ((SeriesCollection))

6

6.1

```
m.oEReport=Createobject('e_report', cName, cReport, [INoShow], [IForcePageSetup], [
INoMakeReport], [cXColumnName ],[cXKeyField], [cXKeyField], [nXColumnSort], [nXCalc], [
cEr_dbf], [cCl_dbf] ])
```

```
cName -
cReport -
INoShow -
INoShow=.t. ,
```

ShowReport()

```
IForcePageSetup -
( . .2.3 . . . )
```

```
INoMakeReport - Make\_Report(21)
```

```
INoMakeReport=.t. ,
make\_report(21)
```

```
m.oEReport=Createobject('e_report', 'MyReport.xls', 'gra.xls', ,.T.,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*---autofit
.Auto_Fit(2)
*---
.Sort('itog',2)
*---
.Make_Report()
Endwith
Endif
```

```
( . . . )
```

```
cXColumnName - (ColumnField)
cXKeyField - ,
nXColumnSort - (1,2,3)
nXCalc - (0,1,2,3,4)
cEr_dbf - ( er_xtab.dbf )
cCl_dbf - ( c_list.dbf )
```

6.2

[NoShowReport](#), [Destination](#), [FullName](#), [Composit_On_One_Sheet](#) [Open_file](#)

```

:
Local m.cFile
*----- 1
Sele 0
Use dbf1
m.oEReport=Createo('e_report','products.xls','report1.xls',,,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---
    .NoShowReport=.T.
    *---make report
    .make_report()
    *---
    m.cFile=.FullName
  Endwith
Endif

*----- 2
Sele 0
Use dbf2
m.oEReport=Createo('e_report','sample.xls','report6.xls',,,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---
    .Destination=m.cFile
    *---make report
    .make_report()
    *---
    .Open_File(m.cFile)
  Endwith
Endif

```

6.3

Excel

VFP7 ,

Excel.

Excel ,
OnEvent ²⁸
MyEventHandler , :

```
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---
    .OnEvent='MyEventHandler'
    *---
    .Show_report()
  Endwith
Endif
```

MyEventHandler :

```
*-----
Function MyEventHandler
*-----
Lparameters nEventId,oEr,oWb,oWs,oTarget,nRecord

Local lCancel
lCancel=.F.

*---
Do Case
  Case nEventId=1
    *-- nEventId
    *
  Case nEventId=2
  Case nEventId=3
  Case nEventId=4
Endcase
Return lCancel
```

:

nEventId - id

- 1 -SheetBeforeDoubleClick(nEventId,oEr,.f.,oWs,oTarget,nRecord)
- 2 -SheetBeforeRightClick(nEventId,oEr,.f.,oWs,oTarget,nRecord)
- 3 -WorkbookBeforePrint(nEventId,oEr,oWb,.f.,.f.,.f.)
- 4 -WorkbookBeforeClose(nEventId,oEr,oWb,.f.,.f.,.f.)

oEr - e_report

oWb -

oWs -

oTarget -

- = oTarget.row
- = oTarget.column
- = oTarget.value

nRecord -

nRecord > reccoun() nRecord < 0

ICancel=.t. , excel

e_report

Foxpro

Excel , e_report
FoxPro ,

Excel.

6.4

: {time()}

[NoPageSetup](#) ²⁷
[TotalNewPage](#) ²⁸

6.5

6.5.1

ex el,

:

-
1. **Title**
 2. [PgHead](#) - ¹¹
 3. [Group](#) - ¹¹
 4. [Detail](#) - ¹³
 5. **Footer**
 6. **End** -

Detail End

Footer,Title PgHead

Shape , [\$] . (. 2.4)

Title Footer,

[Itog](#) ¹⁵ ()

!!!

()

UDF.

6.5.2 PgHead -

PgHead
Detail 1 [End] .

: Col_Cnt¹⁵()

6.5.3 Group -

(Group Band) 3 :
 1. (Group Title Band)¹¹
 2. (Subtotal Band)¹¹
 (Group Subtotal Title Group Subtotal Footer)
 3. (Group Footer Band)¹¹
 (Title Band Footer Band)

1. (Group Title Band)

1
2

{MERGECELLS=.f.}

(.f.)

{PRINTWHEN=""}

:
{PRINTWHEN="!!Compress"}

INoBorder {PRINTWHEN="INoBorder"}

2.6

2. (Subtotal Band)

1
2
3

:

{POSITION=1}

Group Subtotal Title Group Subtotal Footer
 (1- Footer ,2- Title ,3 -Footer Title, 4 -) 1

{SUBTOTAL=1}

(2- Footer ,1- Title ,3 -) 1

{TOPTTEXT=""}

Group Subtotal Footer.

:

{TOPTTEXT=' "" '},**{TOPTTEXT=' " "+@ '}**, @ -**{BOTTOMTEXT=""}**

Group Subtotal Title

:

{BOTTOMTEXT=' "" '},**{BOTTOMTEXT=' " "+@ '}**, @ -**{ClearFields=""}**

:

{ClearFields="field1"}**field1****{ClearFields="field1:field3"}****field1 field3****{ClearFields="field1:field3;fiel5:field7;field9:field10"}**3 : **field1 field3 , field5 field7 field9 field10****{ClearType=1}****ClearFields**

1-

2-

3-

{More_than_one=.f.}

1

{New_Page=.t.}**{RemoveBlank =.t.}**

()

3. (Group Footer Band)

1
2

:

{MERGECELLS=.f.}

(.f.)

{PRINTWHEN=""}

:

{PRINTWHEN="!Compress"}

:

InoBorder {PRINTWHEN="InoBorder"}

2.6

_____ (_____)

: [Group_cnt](#)¹⁵(),
1.2.3

:

1

6.5.4 Detail -

Detail

3

:

1

-

(

[*],

),
[*name]

[h:] -

[n:] -

[p:] -

[pc:] -

0

: [Set_column_picture](#)²³

2 - .
 1 1 , , .
 , Excel – Subtotal.
 – Subtotal , **_NoSub**
 : Sum_NoSubt
 . [No_SubTotal](#) [27]

[g:]-
 [f:]- : [f:summa1+summa2]
 [s:]- : [s:]
 R1C1 .
 @.
 : sum +RC[-1]@

3 - . '= '
 , , .
 : 1 : f
 [&] FoxPro ,
 R1C1 , R:
 : R[-1]+C[-2]-C[-1] R:
 1
 1 [@]
 : summa@ - 1 summa
 n
 [#]
 : summa#3 - 3 () summa

()

Group_Cnt([IType],[cDelim])

```

:
IType - ( )
cDelim - ( IType=t.)

```

```

:
this.Group_cnt() - (3)
this.Group_cnt(.t.) - (1.1.3)
this.Group_cnt(.t.,'-') - , (1-1-3)
3)

```

GetXField(#)

\$This.GetXField(#)

```

.
_____ 37
_____ 38

```

6.6

6.6.1 Add_Chart

Add_Chart (nChartType, nPlotBy, cChartName, cLegend, [INoLastColumn], [cnColumXname], [cnColumnValues], [nColumnCount])

```

nChartType - ( 4 ( . Exel))
nPlotBy - (1 2)
cChartName - ,

```

cLegend -

```

:
INoLastColumn - ( )

```

:

```

cnColumnXname      -
(
  cnColumnXname="Name" -
  cnColumnXname=1      -
( INoLastColumn=.t. , nColumnXname=
)

cnColumnValues    -
(
  cnColumnValues="summa" -
  cnColumnValues= 1      -
  cnColumnValues=-1     -

nColumnCount      -
  1)
  :(cnColumnValues=-2, nColumnCount=2) -
  2
  3
  , INoLastColumn

cChartName,

```

```

:
m.oReport=Createobject('e_report', '
xls',,,,T.)
If Type(m.oReport)='O'
With m.oReport
*---
.add_outline()
*---
.Sort(m_Reiting,2)
*---
.Protect(' ')
*---
.AutoFilter('u_k',,1)
*---
If m.lIsAddChart
.add_chart(4,2,' ',' ','F.','t_text','all_sum')
.add_chart(4,2,' ',' ','F.','t_text','allskid')
.add_chart(4,2,' ',' ','F.','t_text','all_prib')
*-----
.add_chart(4,2,' ',' ','F.','t_text','sumperc')
.add_chart(4,2,' ',' ','F.','t_text','kol_perc')
.add_chart(4,2,' ',' ','F.','t_text','obperc')
.add_chart(4,2,' ',' ','F.','t_text','sk_perc')
.add_chart(4,2,' ',' ','F.','t_text','prib_perc')
Endif
*--
.make_report()
Endwith

```

```
Endif
```

6.6.2 Add_Module

VBA

Add_Module(cFile,[ncTargetModule])

cFile -

ncTargetModule -

(event)

```

:
m.oEReport=Createobject('e_report','          .xls','gra.xls',,.T,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---          VBA
    .Add_Module(Fullpath('propis.bas'))
    *---
    .Make_Report()
  Endwith
Endif

```

```

:
```

6.6.3 Add_Outline

(Outline)

Add_Outline([INoColumn],[nRowLevel],[nColumnLevel])

INoColumn =.t. -

nRowLevel =1 -

nColumnLevel =1 -

```

:
m.oEReport=Createobject('E_Report','          .xls','gra.xls',,.T,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---
    .Add_Outline(.t.)
    *---
    .Make_Report()
  Endwith
Endif

```

6.6.4 Auto_Fit

Auto_Fit([nFit])

nFit =1
 nFit =2
 nFit =3

:

```
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,,.T.,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---          excel
    .Auto_Fit(1)
    *---
    .Make_Report()
  Endwith
Endif
```

6.6.5 AutoFilter

AutoFilter([cBegin],[cEnd])

cBegin - ,C
 End -

:

```
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,,.T.,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---          "itog "
    .AutoFilter('itog','itog')
    *---
    .Make_Report()
  Endwith
Endif
```

6.6.6 AutoRun

AutoRun(cMacro)

```

:
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*--- excel Macro1
.AutoRun('Macro1')
*---
.Make_Report()
Endwith
Endif

```

6.6.7 Clear_group

Clear_group(nGroup, lRest)

```

nGroup -
lRest - , nGroup
( nGroup),

```

6.6.8 Fit_Column

Fit_Column(cnColumn,[lGroup])

```

cnColumn -
lGroup - ( '*' '?' )

```

```

:
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T,.T.)
If VarType(m.oEReport)='O'
With m.oEReport
*--- Last_Sale
.Fit_Column('Last_Sale')
*--- Total_
.Fit_Column('Total_*',.t.)
*---
.Make_Report()
Endwith
Endif

```

6.6.9 Hide_Column

()

Hide_Column(cnColumn,[IGroup])

cnColumn -
 IGroup - ('*' '?')

:

```
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T.,.T.)
If VarType(m.oEReport)='0'
  With m.oEReport
    *--- Last_Sale
    .Hide_Column('Last_Sale')
    *--- / Total_
    .Hide_Column('Total_*',.t.)
    *---
    .Make_Report()
  Endwith
Endif
```

6.6.10 Make_report

Make_report(INoShow)

INoMakeReport=.t.

INoShow –

:

```
m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T.,.T.)
If Type('m.oEReport')='0'
  With m.oEReport
    *---
    .Make_Report()
  Endwith
Endif
```

. [Show_report](#) ²⁴

6.6.11 Multi_Column

Multi_Column(nColumn,[nWidth])

6.6.13 Print_Sheet

Print_Sheet(cFile,[nISheet],[m.nCopyCount])

cFile -
nISheet -
nCopyCount -

```

:
m.oEReport=Createobject('E_Report', '          .xls','gra.xls',,.T.,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*---
.NoShowReport=.T.
*---
.make_report()
.Print_Sheet(.FullName,.T.)  &&
*---
.Print_Sheet(.FullName,1)  &&      1
Endwith
Endif

```

6.6.14 Protect

Protect (cPassword)

cPassword -

```

:
m.oEReport=Createobject('e_report', '          .xls','gra.xls',,.T.,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*---
.Protect('          ')
*---
.Make_Report()
Endwith
Endif

```

6.6.15 Set_Column_Picture

()

Set_Column_Picture (cColumnTarget,[ILoadFlag],[IUseCommet],

[cColumnSource]

```

cColumnTarget      -      ,      (t. -      ,f.-      )
ILoadFlag         -      (t. -      ,f.-      )
IUseComment      -      (t. -      ,f.-      )
(t.-      )      (      ), f.-
cColumnSource    -      (      cColumnTarget)

```

:

```

m.oEReport=Createobject('E_Report','      .xls','report16.xls',,,,T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---      last_name      ,
    *---      foto_file
    .Set_Column_Picture('last_name',.T.,.T.,'foto_file')
    *---make report
    .make_report()
  Endwith
Endif

      .      p:[13]      pc:[13]      [10]      On_Get_Picture_File[29]

```

6.6.16 Show_report**Show_report()****INoShow****Make_Report()**

:

```

m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T.,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---      excel
    .Auto_Fit(2)
    *---
    .Make_Report(.T.)
    *---      1      =50      VBA
    .Xl_App.Worksheets(1).Columns(1).ColumnWidth=50
    *---
    .Show_report()
  Endwith
Endif

      .      Make_report[21]

```

6.6.17 Sort

Sort (cSortColumn,[nSortOrder])

cSortColumn - ,
nSortOrder - (1 -asc,2-desc)

```

:
m.oEReport=Createobject('e_report','          .xls','gra.xls',,.T,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---          itog -desc
    .sort('itog',2)
    *---
    .Make_Report()
  Endwith
Endif

```

6.7

6.7.1 Composit_On_One_Sheet

Composit_On_One_Sheet =.t.

Destination

.t. ,

```

:
NoShowReport [27]
FullName [26]
Open_File [22]
Print_Sheet [23]

```

[8]

6.7.2 Destination

Destination ='MyReport.xls'

```

:
NoShowReport [27]
FullName [26]
Open_File [22]
Print_Sheet [23]
Composit_On_One_Sheet [25]

```

[8]

6.7.3 Error_Code

[Error_Description](#)²⁶
[Error_Method](#)²⁶

6.7.4 Error_Description

[Error_Code](#)²⁶
[Error_Method](#)²⁶

6.7.5 Error_Method

[Error_Code](#)²⁶
[Error_Description](#)²⁶

6.7.6 FullName

FullName

, , [NoShowReport](#)²⁷=t.

[Destination](#)²⁵
[Open_File](#)²²
[Print_Sheet](#)²³
[Composit_On_One_Sheet](#)²⁵

⁸

6.7.7 IsExcelDemo

IsExcelDemo=t.

2007.

excel

excel ,

!!!

Excel ,

6.7.8 No_SubTotal

No_SubTotal =.t.

Subtotal
POCET PC , Excel

C . [_NoSubt](#)¹⁴

6.7.9 NoHide

NoHide=.t.

```

:
m.oEReport=Createobject('E_Report', ' .xls','report16.xls',,,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*---
. NoHide=.t.
*---make report
.make_report()
Endwith
Endif

```

6.7.10 NoPageSetup

NoPageSetup=.t.

[_____](#)¹⁰

6.7.11 NoShowReport

NoShowReport =.t.

```

:
FullName26
Destination25
Open\_File22
Print\_Sheet23
Composit\_On\_One\_Sheet25
\_\_\_\_\_8

```

6.7.12 OnEvent

```

Excel
( VFP 7 )
.
_____ Excel 8

```

6.7.13 Scale

Scale=0

, ()

6.7.14 TotalNewPage

TotalNewPage=2

,

_____ ¹⁰

6.7.15 Use_Array

Use_Array=.t.

```

Excel
.( VFP 7 )
VFP9 65000

```

6.7.16 XI_App

C Excel Application

OLE Automation

:

```

m.oEReport=Createobject('e_report','MyReport.xls','gra.xls',,.T.,.T.)
If Type('m.oEReport')='O'
With m.oEReport
*--- excel
.Auto_Fit(2)
*---
.Make_Report(.T.)
With .Xl_App.Worksheets(1)
*--- 1 =50
.Columns(1).ColumnWidth=50
*--- =10
.PageSetup.LeftMargin = 10
Endwith

```



```

With This.oGdiPlus
  If .LoadFromFile(m.cFileName) = 0
    m.nHeight=100
    m.nWidth=m.nHeight*.ImageWidth()/.ImageHeight()
    m.cTargetFile=Fullpath('')+'_Tpm_Photo.jpg'
    m.nQuality=60
    If .CopyToFile(m.cTargetFile,m.nQuality,m.nWidth,m.nHeight,0)=0
      m.cFileName=m.cTargetFile
    Endif
  Endif
Endwith
Return m.cFileName
Endproc
Enddefine

```

p: [13] pc: [13] _____ [10] [Set_Column_Picture](#) [23]
 : _____ GDI+

GDI+ image class Alexander Golovlev:
www.universalthread.com, Download ID: 18584,
 VFP _GdiPlus Foundation class.

6.8.2 Create_Thermometer

Create_Thermometer

Create_Thermometer(m.nMaxValue,m.cMessage)

...

...

Return m.oThermometr

```

" "
" "
:

m.oEReport=Createobject('My_report','...xls','report16.xls',,,,T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---make report
    .make_report()
  Endwith
Endif

```


6.8.4 Close_Thermometer

Close_Thermometer

Close_Thermometer(m.oThermometr)

```

:

m.oEReport=Createobject('My_report','          .xls','report16.xls',,,,T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---make report
    .make_report()
  Endwith
Endif

*-----
Define Class My_report as E_Report
*-----
  Procedure Close_Thermometer
    Lparameters m.oThermometer
    m.oThermometer.Release()
  Endproc
Enddefine

```

[Create_Thermometer](#)³⁰
[Update_Thermometer](#)³¹

6.8.5 On_Message

On_Message

On_Message(m.cMessage)

```

:

m.oEReport=Createobject('My_report','          .xls','report16.xls',,,,T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---make report
    .make_report()
  Endwith
Endif

```

```

*-----
Define Class My_report as E_Report
*-----
  Procedure On_Message
    Lparameters m.cMessage
    do Show_Message with m.cMessage
  Endproc
Enddefine

```

[On_Warning](#)^[33]

6.8.6 On_Warning

On_Warning

On_Warning(m.cMessage)

```

:

m.oEReport=Createobject('My_report','report16.xls','report16.xls',,,.T.)
If Type('m.oEReport')='O'
  With m.oEReport
    *---make report
    .make_report()
  Endwith
Endif

```

```

*-----
Define Class My_report as E_Report
*-----
  Procedure On_Warning
    Lparameters m.cWarning
    =MessageBox(m.cWarning,48,mInfo )
  Endproc
Enddefine

```

[On_Message](#)^[32]

6.9

6.9.1 IERNoShowMessage

IERNoShowMessage=.t.

6.9.2 IERNoShowWarning

IERNoShowWarning=.t.

6.9.3 IerNoThermom

IerNoThermom=.t.

6.10

6.10.1

Excel

browse

[Add_Column](#)^[36]
[Add_Group](#)^[36]
[Add_Value](#)^[36]
[Add_Picture](#)^[36]

[Pattern](#)^[37]

oEReport=[Createobject](#)(e_report', cName, , nTheight, cSheetname, nOrient)

cName -
nTheight -
cSheetname -
nOrient - (1- portret 2-landshaft)

```
m.oEReport=Createobject ('e_report', MyPrice.Xls', , 6, 'Price', 1)
If Type ('m.oEReport')='O'
  With m.oEReport
    *---
    .Add_Column ('*t_text', ' ', 40, 0)
    .Add_Column ('*ei', ' ', 5, 0)
    .Add_Column ('*cena', ' ', 10, 0)
    .Add_Column ('*min_kol', ' ', 10, 0)
    .Add_Column (, ' ', 10, 0, .F., '=round(cena*min_kol, 2)')
    .Add_Column ('*t_ost', ' ', 10, 0)
    .Add_Column (, ' ', 10, 0, .T., '=round(cena*t_ost, 2)')
    *---
    .Add_Group ('k_text', 'k_text')
    *---
    .Add_Value (6, 1, ' '+Dtoc(Date()), .T., .F., .T., 12)
```

```

        .Add_Value('$+4',' #-3',' _____',.T.)
*----
        .Add_picture(1,1,Fullp('meatpoul.bmp'),.T.,50)
*----
        .Make_Report()
Endwith
Endif

```

6.10.2

6.10.2.1 Addd_Column

Add_Column(cAlias, cHeader , nWidth, [nOrient], [ISummed], [cFormula], [cFormat], [nColor])

cAlias	-	
cHeader	-	
nWidth	-	
nOrient	-	(0-90)
ISummed	-	
cFormula	-	
cFormat	-	
nColor	-	

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6.10.2.2 Add_Group

Add_group(cGroupText, cGroup, [nHeight], [nColor], [nFontSize], [cFontName], [cFontStyle],[IUnderlining])

cGroupText	-
cGroup	-
nHeight	-
nColor	-
nFontSize	-
cFontName	-
cFontStyle	-
IUnderlining	-

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6.10.3

6.10.3.1 Pattern

Pattern=' .xls'

 

6.11 (cross tab report)

6.11.1

1. **x-column** : (x-field x-field ,

2. **LeftMargin** : x-tab x-column (RowField) =1,

2.0
1 RowField

3. **RightMargin** : x-column =1, =0

x- , PgHead Formula band - x-

l: ()
r: ()
f: Data field

x-tab =1
2.0
1 Data field

a: (a:)

[GetXField](#) ¹⁵0 ,
(.)

:

\$This.GetXField(#) +'	\$This.GetXField(#)+'		
#:2r:0 a:kolfiel	#		

	Kolfiel: *cena	XSum(1)	XSum(2)
--	----------------	---------	---------

x-column

detal [#]
LeftMargin RightMargin

l:2 - =2
 r:0 - =0

kolfiel:*cena - kolfiel cena
 ([:] , kolfiel)

(&#*cena - x-field cena)
 (#*cena - x-field cena)

XSum(1),XSum(2) - x-column

x-field #
 (, period() , UDF ,)

x-column
 :
XSum(nld) - , nld x-column
XStat(nld,"cCalc") - , nld
 x-column, cCalc Exel (MIN,MAX,..)

\$This.GetXField(#) +	\$This.GetXField(#+'		
#l:2r:0 f:1	#f:2		it_summ
	#*cena	XSum(1)	XSum(2)

: [\\$this.ltoq](#)¹⁵("it_summ")

f:1 f:2 - b .
 f: , 1



6.11.2

Data Row Fields

RowField 1	RowField 2	RowField n..	ColumnField	DataField 1	DataField 2	DataField n..

RowField.. -
 ColumnField - ,
 DataField.. -

do Er_Xtab.prg with cColumnField,[cKeyFieldList],[nColumnSort],[nRowCalc],[cEr_dbf], [cCl_dbf],[INoCursor]

```

cColumnField      -                (Column Field)
[cKeyFieldList]   -
[nColumnSort]     -                (1 - , 2 -asce ,3- desc) 1
[nRowCalc]        -                (0 - ,1 -sum,2 -average,3 -max, 4-min) 0

[cEr_dbf ]        -                ( er_xtab          )
[cCl_dbf ]        -                ( c_list          )
[INoCursor]       -                (                )
  
```

```

er_xtab           -                (                )
c_list            -                (                )
  
```

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```

: ErXFieldPrefix+1_ ___3 - 1( )          3( ) data field
.. = recno('c_list')

GetXField15
( . )
  
```

1. cColumnField (Row Field)
2. cColumnField (data field)
- 3.
4. Row Field , ,
5. data field
6. cKeyFieldList , Row Field .

```

(      cKeyFieldList
)
7.      cKeyFieldList
8.      IErXtIsNull=.t.      0 ,      1      .Null.

```

6.11.3

6.11.3.1

```
m.oXTab=Createobject('Er_Xtab', cColumnField,[cKeyFieldList])
```

```

cColumnField      -      (Column Field)
cKeyFieldList    -

```

```
:
```

```

m.oXtab=Createobject('Er_Xtab','Season')
If Vartype(m.oXtab)='O'
  With m.oXtab
    .nRowCalc =1
    .nColumnSort=2
    .Gen_XTab()
  Endwith
Endif

```

6.11.3.2

6.11.3.2.1 Gen_XTab

```
InoError=Gen_Xtab ()
```

```
.T.,
```

```
cErrorDescription
```

```
!Error
```

```
.T.
```

```
:
```

```

m.oXtab=Createobject('Er_Xtab','Season')
If Vartype(m.oXtab)='O'
  With m.oXtab
    .lShowWarning=.F.
    .Gen_XTab()
  If .lError
    =MessageBox(.cErrorDescription,48 )
  Endif
  Endwith
Endif

```

6.11.3.3

6.11.3.3.1 cCl_dbf

(c_list)

6.11.3.3.2 cColumnField

(Column Field)

6.11.3.3.3 cEr_dbf

(er_xtab)

6.11.3.3.4 cErrorDescription

,

6.11.3.3.5 cKeyFieldList

,

6.11.3.3.6 cSource_Table

,

6.11.3.3.7 IError

6.11.3.3.8 IErXtIsNull

.Null.

6.11.3.3.9 INoCursor

()

6.11.3.3.10 IShowMessage

6.11.3.3.11 IShowWarning

6.11.3.3.12 nColumnSort

(1 - , 2 -asce ,3- desc) 1

6.11.3.3.13 nRowCalc

(0 - , 1 -sum, 2 -average, 3 -max, 4-min) 0

6.11.3.3.14 nTime_of_the_work

Gen_XTab

6.11.3.4

6.11.3.4.1 On_Warning

```
m.oXtab=Createobject('My_Xtab','Season')
If Vartype(m.oXtab)='O'
  With m.oXtab
    .nRowCalc =1
    .nColumnSort=2
    .Gen_XTab()
  Endwith
Endif
```

```
Define Class My_Xtab as Er_Xtab
*-----
  Procedure On_Warning
*-----
  Parameters m.cWarning
  =MessageBox(m.cWarning,48)
Enddefine
```

6.11.3.4.2 On_Message

```
m.oXtab=Createobject('My_Xtab','Season')
If Vartype(m.oXtab)='O'
  With m.oXtab
```

```
.nRowCalc =1
.nColumnSort=2
.Gen_XTab()
Endwith
Endif

Define Class My_Xtab as Er_Xtab
*-----
Procedure On_Message
*-----
Parameters m.cMessage
Wait m.cMessage Wind Nowa
Enddefine
```