# Appendix C
# Property Descriptions

Listed below is an alphabetical listing of all properties that make up the RAVE system. Properties are defined by their data type, category, components they are members of, a short description and any relationships they have with other properties. The default values are added where applicable.

## AllowSplit Property

### Default
False

### Component/Class
Band, DataBand

### Description
When set to True, the band will be allowed to split across pages.
**Note:**
If the band is too large to fit on a page, it will be split no matter the setting of this property.

## AlwaysGenerate Property

### Default
False

### Component/Class
Report

### Description
When set to True, generation of the complete report is forced before sending it to the output device. This is important for insuring that the report variables like TotalPages are known before the first page is printed.

## Anchor Property

### Default
Top / Left

### Component/Class
All visible components

### Description
Determines the method that will be used to align a component both vertically / horizontally within its parent's area.

### See also
ExpandParent

# AutoSize Property

### Default
True

### Component/Class
All BarCode components

### Description
When set to true, BarCode dimensions will automatically resize to display all encoded text.

### See also
Text

# BandStyle Property

### Default
'None'

### Component/Class
Band, DataBand

### Description
One of the powerful features of RAVE is the ability to set a band's behavior with the BandStyle property. Click on the ellipse in the BandStyle area, this will open an editor dialog window that allows the set the behavior needed for the selected band.

### See also
ControllerBand, Band Style Editor

# BarCodeJustify Property

### Default
pjLeft

### Component/Class
All BarCode components

### Description
Determines where the bar code is printed relative to its bounding box.

| | |
|---|---|
| pjLeft | Print the bar code left justified. |
| pjCenter | Print the bar code centered. |
| pjRight | Print the bar code right justified. |

### See also
Center, Left, Right

# **BarCodeRotation** Property

## Default
Rot0

## Component/Class
All BarCode components

## Description
Allows the bar code to be rotated to 4 different orientations. The pivot point for rotation is the top left corner of the bar code.

| | |
|---|---|
| Rot0 | no rotation |
| Rot90 | rotate 90 degrees relative to page |
| Rot180 | rotate 180 degrees relative to page |
| Rot270 | rotate 270 degrees relative to page |

## See also
Left, Top

# **BarHeight** Property

## Default
0.5 ( PostNet component 0.125 )

## Component/Class
All BarCode components

## Description
Sets the height for the tallest bar.

## See also
BarWidth

# **BarTop** Property

## Default
0

## Component/Class
All BarCode components

## Description
Sets the location of the top of the bar code. The location of the readable text is controlled by PrintReadable and PrintTop properties.

## See also
PrintReadable, PrintTop, Top

# **Bin** Property

### Default
Default ( Windows system settings )

### Component/Class
Page

### Description
Specifies the paper tray used for the document.

### See also
Collate, Duplex, Orientation, PaperSize, Printer, Resolution

# **BorderColor** Property

### Default
Black

### Component/Class
Circle, Ellipse, Rectangle, Square

### Description
Sets the color to be used for the border of the graphic.

### See also
FillColor

# **BorderStyle** Property

### Default
psSolid

### Component/Class
Circle, Ellipse, Rectangle, Square

### Description
Sets style of border that appears as a frame around shapes.

| | |
|---|---|
| psClear | No border is drawn |
| psDash | Creates a dashed border |
| psDashDot | Creates an alternating dash and dot border |
| psDashDotDot | Creates an alternating dash and double dot border pattern |
| psDot | Creates a dotted border |
| psInsideFrame | Creates a border that is inside the frame of closed shapes |
| psSolid | Creates a solid border |

**Note:**
Only psSolid can have a pen width greater than 1.

### See also
BorderColor, BorderWidth

# Bottom Property

### Default
'None'

### Component/Class
All BarCode components

### Description
Sets the position for the bottom of the bar code. The value includes the readable text if it is printed.

### See also
PrintReadable, PrintTop

# CalcType Property

### Default
ctSum

### Component/Class
CalcText, CalcTotal

### Description
Sets the type of calculation to be performed by the CalcText over the DataField property contents.

| | |
|---|---|
| ctAverage | average value for a data field |
| ctCount | count the number of occurrences |
| ctMax | maximum value for a data field |
| ctMin | minimum value for a data field |
| ctSum | sum of a field |

### See also
CountBlanks, RunningTotal

# CalcVar Property

### Default
' ' ( empty )

### Component/Class
CalcTotal

### Description
Defines the calculation component that will be used in the CalcType operation. If this property is defined, DataField will be ignored.

### See also
CalcType

# Categories Property

**Default**

' ' ( empty )

**Component/Class**

ProjectManager

**Description**

Defines the available categories to which a report can belong.
For example, could define categories called 'Accounting', 'General', 'Status' and 'System'.

**See also**

Cursor, DevLocked, Parameters

# Category Property

**Default**

' ' ( empty )

**Component/Class**

Report

**Description**

Sets the category that a report will belong to. For example, you could define categories called 'Accounting', 'General', 'Status' and 'System'.

**See also**

Cursor, DevLocked, Parameters

# Center Property

**Default**

'None'

**Component/Class**

All BarCode components

**Description**

Sets or returns the position for the horizontal center of the bar code. When a value is assigned to Center the BarCodeJustify property is set to pjCenter as well.

**See also**

BarCodeJustify, Left, Right

# CodePage Property

### Default
cpCodeA

### Component/Class
I128BarCode

### Description
Specifies whether Code A, Code B or Code C is being used.

| | |
|---|---|
| cpCodeA | sets 128 output to Code A |
| cpCodeB | sets 128 output to Code B |
| cpCodeC | sets 128 output to Code C |

# Collate Property

### Default
False

### Component/Class
Report

### Description
Sets the collation style of the print job for the report.

### See also
Bin, Duplex, Orientation, PaperSize, Printer, Resolution

# Color Property

### Default
Black

### Component/Class
Line and text components

### Description
Used to set the color of the component's output.

### See also
BorderColor, FillColor

# **Columns** Property

### Default
1

### Component/Class
DataBand, Region

### Description
Determines the number of columns to be used, this property is component dependent.

| | |
|---|---|
| DataBand | Defines how many columns the band will print. The width of each column is divided evenly across the width of the band and printing progresses from the left to right column before progressing to the next row. |
| Region | Sets the number of columns to be use in the region. When the region is printing, it will print bands contents in all columns from left to right in a snaking fashion. |

### See also
Columnspacing

# **ColumnSpacing** Property

### Default
0

### Component/Class
DataBand, Region

### Description
Defines the width of a buffer between each column. The spacing will not be applied before the first or after the last column.

### See also
Columns

# **ConnectionName** Property

### Default
' ' ( empty )

### Component/Class
DataView

### Description
Sets the name of the data connection from which data will be retrieved for the report.

# **ContainsRTF** Property

### Default
False

### Component/Class
DataMemo

### Description
Indicates whether the memo contains RTF or not.

If ContainsRTF is true, then the output will be formatted according to the RTF codes contained in the memo.

# **Controller** Property

### Default
' ' ( empty )

### Component/Class
CalcText, CalcTotal

### Description
Defines the controller component that will execute the calculation in the CalcType property when the controller is printed. Normally, the controller is tied to a particular dataview and will signal when new data is available.

### See also
CalcType, ControllerBand, DataField, DataView, Initializer

# **ControllerBand** Property

### Default
' ' ( empty )

### Component/Class
Band, DataBand

### Description
Sets the controlling band for the current Band or DataBand.

For example, a header or footer band style would assign the data of the DataBand that it is acting as a header or footer for. Detail bands in a master-detail style report would set their ControllerBand to the master DataBand.

### See also
BandStyle, Controller

# **Copies** Property

## Default
1

## Component/Class
Report

## Description
Sets the number of copies that the report will generate when it is printed.

## See also
Bin, Collate, Duplex, Orientation, PaperSize, Printer, Resolution

# **CountBlanks** Property

## Default
True

## Component/Class
CalcText, CalcTotal

## Description
This property sets whether the CalcText component will count blank field values for the ctAverage and ctCount calculation types.

## See also
CalcType

# **Cursor** Property

## Default
crDefault

## Component/Class
All drawing

## Description
Will determine the type of cursor used within that item's selection zone.

crAppStart
crArrow
crCross
crDefault
crDrag
crHandPoint
crHelp
crHourGlass

## See also
Categories, DevLocked, Parameters

# **DataField** Property

### Default
' ' ( empty )

### Component/Class
Most data aware components

### Description
Defines the type of data that the component will display or process. The contents can be made up of data field names, report variables, project parameters or even string constants surrounded by quotes. It is recommended that you use the data text editor to build a DataField value.

### See also
DataView

# **DataView** Property

### Default
' ' ( empty )

### Component/Class
Most data aware components

### Description
Defines the data view that will be used if the DataField property is initialized to any field names.

### See also
DataField

# **Description** Property

### Default
' ' ( empty )

### Component/Class
DataView, DataField, Page, Report

### Description
Defines a multi-line memo that describes the component. This could be used in conjunction with the FullName property to document how the component is to be used.

### See also
FullName, Name

# **DesignerHide** Property

### Default
False

### Component/Class
Band , DataBand

### Description
This property controls the visibility of the band contents in the designer. Reduce the "clutter" of other bands by setting their DesignerHide property to true. Then only the one(s) set to false will show. This might be needed if there are a large number of bands or a band that is occupying a large space.
**Note:**
This has NO effect on what will be printed, only effects what is shown on the designer page.

### See also
DevLocked

# **DestParam** Property

### Default
' ' ( empty )

### Component/Class
CalcOp, CalcTotal

### Description
Defines the project parameter that the calculation will be written to when it is printed. This value can be blank if the calculation is only going to be used as an intermediate result for other calculation components.

### See also
DataField, Operator

# **DestPIVar** Property

### Default
' ' ( empty )

### Component/Class
Page, ProjectManager, Report

### Description
Initializes the value of a PIVar (Post Initialize Variable). Any PIVars of the same name that were previously printed will show this value. PIVars are normally printed using the Data Text Editor of the DataText component. The main difference between PIVars and parameters is that PIVars will use the value that is set after (in print order) the PIVar while parameters print the value that was set before. A common use for PIVars is to print a total in a header band that would be initialized later in the footer band. This works even across multiple pages. Report.AlwaysGenerate must be true if you are using PIVars in your report.

### See also
AlwaysGenerate, Editor DataText, PIVars

# **DetailKey** Property

### Default
' ' ( empty )

### Component/Class
DataBand , DataCycle

### Description
Sets the detail key fields that will be matched to the master key fields in a master-detail report. Multiple fields should be separated with +'s.

### See also
MasterKey

# **DevLocked** Property

### Default
False

### Component/Class
All components

### Description
Locks out the ability of anyone making changes to the property.


May be used by the developer to prevent accidental changes being made to a stable part of a complex report structure.

### See also
Categories, Cursor, DesignerHide, Parameters

# **DisplayFormat** Property

### Default
' ' ( empty )

### Component/Class
CalcOp, CalcText, CalcTotal, All Numeric Field Types

### Description
DisplayFormat formats the value given using the given format string. The various format specifiers are listed in appendix A.

### See also
Appendix A

# **DisplayOn** Property

### Default
doParent

### Component/Class
Most components

### Description
Controls whether the component will be used during the print preview display, printer output or both.

| | |
|---|---|
| doAll | send this item to both preview & printer |
| doParent | use the parent setting for DisplayOn |
| doPreviewOnly | item will only be displayed on the preview |
| doPrinterOnly | component will only be displayed on the printer |

# **DisplayType** Property

### Default
dtNumericFormat

### Component/Class
CalcOp, CalcText, CalcTotal

### Description
Defines whether the contents represent numeric or date/time information. The DisplayFormat property will be processed as either numeric or date/time format codes depending upon this setting.

| | |
|---|---|
| dtDateTimeFormat | sets to Date/Time format |
| dtNumericFormat | sets to numeric format |

# **Duplex** Property

### Default
pdDefault

### Component/Class
Report

### Description
Will set the duplex mode for the current printer.

|  |  |
|---|---|
| pdDefault | Use current mode |
|  | (Duplex mode NOT changed) |
| pdSimplex | Simplex mode |
|  | (Duplex mode NOT initialized) |
| pdHorizontal | Duplex mode initialized - print Head to Toe |
| pdVertical | Duplex mode initialized - print Head to Head |

**Note:**
Not all printers or drivers support duplex printing.

### See also
Bin, Collate, Orientation, PaperSize, Printer, Resolution

# **ExpandParent** Property

### Default
True

### Component/Class
Memo

### Description
When set to true, the height of the parent of the memo will be increased the same amount the height of the memo is increased.
**Note:**
In order to properly print dynamically sized memos; set ExpandParent to true and also set the vertical anchor to stretch.

### See also
Anchor Editor, Anchor Property, DataMemo component

# **Extended** Property

### Default
False

### Component/Class
Code39BarCode

### Description
When set to true, Extended Code 39 format will output instead of standard Code 39 format.

# **FieldName** Property

### Default
' ' ( empty )

### Component/Class
All data field components

### Description
Defines the field name that this field component will retrieve data from.

# **FileLink** Property

### Default
' ' ( empty )

### Component/Class
Bitmap, Metafile

### Description
Defines a filename to initialize the bitmap or metafile with a file on the hard disk.

### See also
Image

# **FillColor** Property

### Default
White

### Component/Class
Circle, Ellipse, Rectangle, Square

### Description
Sets the color that is used to fill the graphical shape

### See also
BorderColor, Color, FillStyle

# FillStyle Property

### Default
fsSolid

### Component/Class
Circle, Ellipse, Rectangle, Square

### Description
Sets the style used to fill the graphical shape. Use the Fill Toolbar to select the fill style desired or enter it from this properties drop list box.

>> fsBDiagonal
>> fsClear
>> fsCross
>> fsDiagCross
>> fsFDiagonal
>> fsHorizontal
>> fsNone
>> fsSolid
>> fsVertical

**Note:**
Setting the FillStyle to fsClear will cause the FillColor to be set to White.

### See also
BorderColor, Color, FillColor

# FinishNewPage Property

### Default
False

### Component/Class
Band, DataBand

### Description
Very similar to StartNewPage, but if set to True, it will cause a new page to begin after this band has finished printing.
**Note:**
The StartNewPage property would normally be used on header bands while the FinishNewPage property would normally be used on footer bands.

### See also
MaxRows, StartNewPage

# **FirstPage** Property

### Default
' ' ( empty )

### Component/Class
Report

### Description
Defines the first page that will be printed in a report if the PageList property is empty.

### See also
GotoMode, GotoPage, PageList

# **Font** Property

### Default
System font

### Component/Class
All text components

### Description
Defines the font that will be used to draw the contents of a text component.

### See also
FontJustify

# **FontJustify** Property

### Default
pjLeft

### Component/Class
Most text components

### Description
Sets the horizontal justification of the text data in the box.

| | |
|---|---|
| pjBlock | block justify the text |
| pjLeft | left justify the text |
| pjCenter | center the text |
| pjRight | right justify the text |

# **FontMirror** Property

### Default
System font

### Component/Class
Most text components

### Description
This property sets the FontMaster component that is used to define the font for the text.
Setting this property to a font master will override the Font property.

### See also
Font

# **FullName** Property

### Default
' ' ( empty )

### Component/Class
DataField, DataView, Page, Report

### Description
Defines the full name or long name of the project item component. The full name is for single
line display and may contain special characters and spaces.

### See also
Description, Name

# **GotoMode** Property

## Default
gmGotoDone

## Component/Class
Page

## Description
This property determines the behavior of the GotoPage property.

| | |
|---|---|
| gmGotoDone | Go to the GotoPage property setting when the page definition has completely finished printing. There may be several physical pages if there is a region defined on the page. |
| gmGotoNotDone | Go to the GotoPage property after a single physical page has printed, only if the current page definition has not finished printing. This option is usually only used with mirrored sections (odd/even layouts, different first page, …). |
| gmCallEach | Call GotoPage property after each physical page has printed whether the page definition is finished printing or not. This is useful for inserting other pages after each page of a report prints. Control is returned to the calling page when the page chain ends (i.e., a blank GotoPage property is encountered) |

## See also
GotoPage, PageList

# **GotoPage** Property

## Default
' ' ( empty )

## Component/Class
Page

## Description
Defines the page that will be printed after the current page according to the GotoMode property rule.

## See also
GotoMode, PageList

# **GridLines** Property

### Default
5

### Component/Class
Page

### Description
Controls the grid lines that are visible.

The default setting of 5 means that every fifth grid line will be visible. If GridSpacing is set to 0.1, then it means that the visible grid lines will be every 1/2 inch but snap to grid will occur every 0.1 inches.

### See also
GridSpacing

# **GridSpacing** Property

### Default
0.1

### Component/Class
Page

### Description
Sets the spacing between grid lines.

### See also
GridLines

# **GroupDataView** Property

### Default
' ' ( empty )

### Component/Class
Band, DataBand

### Description
Defines the data view that will be used to calculate the GroupKey from.

### See also
GroupKey

# **GroupKey** Property

### Default
' ' ( empty )

### Component/Class
Band, DataBand

### Description
Defines the field(s) that will be used to calculate the group key.
When defining a report using grouping headers or footers, the GroupKey property is used to determine when a new group is encountered. Separate fields should be separated with +'s.

### See also
GroupDataView

# **Height** Property

### Default
'None'

### Component/Class
All visible components

### Description
Defines the overall height of the component.
For bar codes this is a read only property that contains the height of the entire bar code.
If the bar code PrintReadable property is set to true, then the Height property contains the bar code height plus the line height of the current font.

### See also
BarHeight, PrintReadable

# **HRadius** Property

### Default
0

### Component/Class
Rectangle, Square

### Description
Controls the horizontal radius of the rectangle corner. When used in combination with VRadius, these properties round the corners of rectangles or squares.

### See also
VRadius

# **Image** Property

### Default
' ' ( empty )

### Component/Class
Bitmap, Metafile

### Description
Defines the image that will be printed with a bitmap or metafile component.

### See also
FileLink

# **InitCalcVar** Property

### Default
' ' ( empty )

### Component/Class
CalcController

### Description
When this component is acting as an initializer, it defines the calculation component that will be used as the initializing value.
If this property is defined, InitDataField and InitValue will be ignored.

### See also
InitDataField, InitDataView, InitValue

# **InitDataField {CalcController}** Property

### Default
' ' ( empty )

### Component/Class
CalcController

### Description
If the InitCalcVar property is blank, then this property defines the data field or project parameter that will be used as the initial value for any component(s) using this initializer.
If this property is defined, InitValue will be ignored.

### See also
InitCalcVar, InitDataView, InitValue

# InitDataField {PageNumInit} Property

### Default
' ' ( empty )

### Component/Class
PageNumInit

### Description
Defines the value that the relative page number will start from when this component is printed.
If the text cannot be converted to a valid integer, a default value of 1 will be used.

### See also
InitDataView, InitValue

# InitDataView Property

### Default
' ' ( empty )

### Component/Class
CalcController, PageNumInit

### Description
Defines the default DataView for the InitDataField property.

### See also
InitDataField

# Initializer Property

### Default
' ' ( empty )

### Component/Class
CalcText, CalcTotal

### Description
Defines the initializer component. The CalcController is typically the initializer, which will initialize the calculation when the initializer is printed.
Initializers are useful for setting a calculation to a specific value or initializing it at key points in a report

### See also
Controller, CalcController

# InitToFirst Property

### Default
True

### Component/Class
DataBand, DataCycle

### Description
Moves the DataSet to the Top of File or first record position.

### See also
ConnectionName

# InitValue {CalcController} Property

### Default
0

### Component/Class
CalcController

### Description
If InitCalcVar and InitDataField properties are blank, then a constant value is defined that will be used as the initializing value for any components for which this is an initializer.

### See also
InitCalcVar, InitDataField, InitDataView

# InitValue {PageNumInit} Property

### Default
1

### Component/Class
PageNumInit

### Description
Defines the value that the relative page number will start from when this component is printed. Only the RelativePage report variable (not CurrentPage) will reflect the new page number.

### See also
InitDataField, InitDataView

# **KeepBodyTogether** Property

**Default**
  False

**Component/Class**
  DataBand

**Description**
  This property, if true, causes the data band to attempt to keep the bands from the body header to the body footer together on the same page.

**See also**
  KeepRowTogether, OrphanRows, WidowRows

# **KeepRowTogether** Property

**Default**
  False

**Component/Class**
  DataBand

**Description**
  This property, if true, causes the data band to attempt to keep the bands from the row header to the row footer together on the same page.

**See also**
  KeepBodyTogether, OrphanRows

# **Left** Property

**Default**
  'None'

**Component/Class**
  All visible components

**Description**
  Sets the position for the left edge of the component.

**See also**
  Top, Width

# **LineStyle** Property

## Default
psSolid

## Component/Class
All line components

## Description
Sets style of line.

| | |
|---|---|
| psClear | No line is drawn |
| psDash | Creates a dashed line |
| psDashDot | Creates an alternating dash and dot line |
| psDashDotDot | Creates an alternating dash and double dot line pattern |
| psDot | Creates a dotted pen |
| psInsideFrame | Creates a pen that draws a line inside the frame of closed shapes |
| psSolid | Creates a solid line |

**Note:**
Only psSolid can have a pen width greater than 1 pixel.

## See also
BorderStyle, BorderWidth, LineWidth

# **LineWidth** Property

## Default
1

## Component/Class
Drawing

## Description
Sets the width of the line. The units for this line thickness is controlled by the LineWidthType property. Line widths greater than 1 pixel can only be used with solid lines.

## See also
LineStyle, LineWidthType

# LineWidthType Property

### Default
wtPixels

### Component/Class
Drawing

### Description
Determines whether the LineWidth property of the graphic shape is measure in pixels or points. Use pixels and a LineWidth of 1 (the defaults) if the thinnest line possible is needed. Also use points for all other LineWidth values for consistent thickness across devices.

| | |
|---|---|
| WtPixels | LineWidth is measured in pixels |
| WtPoints | LineWidth is measured in points |
| | (1 point = 1/72nd of an inch) |

### See also
LineWidth

# Locked Property

### Default
False

### Component/Class
All components

### Description
Controls the state of the selected component(s) properties and all of its children (if any).
If true, then the properties cannot be selected or changed.
The color of the property names and pips (if selected) will be red when this property is true.
**Note:**
This can be used to a freeze part of a page design, so that the design cannot accidentally be moved while completing a design in another area.

# LookupDataView Property

### Default
' ' ( empty )

### Component/Class
DataText

### Description
Specifies the data view that lookup will be performed on.

### See also
DataField, LookupDisplay, LookupField, LookupInvalid

# **LookupDisplay** Property

### Default
' ' ( empty )

### Component/Class
DataText

### Description
Specifies the field in LookupDataView that will actually be displayed in the report after the lookup is performed.

### See also
DataField, LookupDataField, LookupField, LookupInvalid

# **LookupField** Property

### Default
' ' ( empty )

### Component/Class
DataText

### Description
Specifies the field(s) in LookupDataView that will be matched to the value of the field(s) defined by DataField. Once a match is found, the value of LookupDisplay will be shown in the report.

### See also
DataField, LookupDataField, LookupDisplay, LookupInvalid

# **LookupInvalid** Property

### Default
' ' ( empty )

### Component/Class
DataText

### Description
Defines the text that will be displayed if no matches are found for the current value of DataField in the LookupDataView.

### See also
DataField, LookupDataField, LookupField, LookupField

# MailMergeItems Property

### Default
' ' ( empty )

### Component/Class
All memo components

### Description
Stores the tokens and replacement data text items that will be used in a search and replace during a mail merge session.

### See also
Mail Merge Editor (page 129)

# MasterDataView Property

### Default
' ' ( empty )

### Component/Class
DataBand, DataCycle

### Description
Defines the DataView that will be used to calculate the MasterKey property from.

### See also
DetailKey, MasterKey

# MasterKey Property

### Default
' ' ( empty )

### Component/Class
DataBand, DataCycle

### Description
Determines the master key field(s) for a master-detail style report. The contents of the MasterKey field(s) will be matched to the DetailKey property to set up the master-detail relationship in the detail databand. Multiple fields should be separated by +'s.

### See also
DetailKey, MasterDataBand