

Myain ①

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Data Control

Using data control is a two step process. First you place a data control on a form and set the properties to link it to a database file & table. It generally links one form with another table. Prefix of data control is "dcl"

Data bound.

You create the controls, such as labels & text boxes, to display actual data. Each control is a bound to particular field in the table. In this example the label is called a data bound control & automatically displays the contents of bound field when the project runs. If you want to have data bound controls on second form, you must place a data control on that form. For DBC prefix depends on the control which is being used.

Examples of ^{simple} data bound control

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all & Drop Down list, listBox,
 CheckBoxlist, RadioButtonlist,
 Bulleted list.

A-3 Crystal Report

Advantages:

- ① Can export into different format like Pdf, HTML, XML.
- ② Report layout isn't transparent so that end user will not know about how we design the report. But in HTML anybody can study the report layout & can copy the technology.

Disadvantages

- ① If we have 1000 pages report then crystal will need to process all pages and then it shows the O/P.
- ② You need to buy crystal report licence for each PC, you use to design the crystal report.

Data Report: ① We can make data reports by data end

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Archived most text and data report.

② Exported reports to HTML

Disadvantages:

① It is not ~~see~~ secure

② Report layout is transparent

A.4

Cabinet (CAB) is an archive file format for Microsoft Windows that supports lossless data compression & embedded digital certificates used for maintaining archive integrity. Cabinet files have .cab filename extensions and are recognised by their first 4 bytes MSCF.

We will choose a single cab option whenever you can make the package available to users from the ~~to~~ medium that supports very large amounts of storage, such as network installation or a CD.

If you need to distribute your application to users on media with size restriction

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such as disk you will choose multiple call option and adjust the CAB size appropriately.

The standard setup files are "pt" files, "vra" files, "nug" files.

A2 Visual Basic has three categories of control properties.

- ① Ambient
- ② Extender
- ③ Custom

Examples ~~are~~ of Ambient Control Property:

① The DisplayAsDefault property informs us whether the control is default Button for the container.

② The TextAlign property informs the control the way the client side would like the control to arrange the text it displays.

Examples of Extender Control Property are:

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- ① Open a new project of type Active-X control.
- ② Insert three text boxes and one command button.
- ③ Change the caption of command to calculate.
- ④ Now write the following code on the click event of button control

```
Private sub button1_Click()  
    Text3.Text = val(Text1.Text) +  
                val(Text2.Text)
```

End Sub

- ⑤ Clear the text property of 3 text boxes.
- ⑥ Go to file menu & click Make Project1.ocx
- ⑦ Save the user control project
- ⑧ Now open a standard exe project.
- ⑨ Go to project menu and select components
- ⑩ Browse the user control created above
- ⑪ Press apply. The ~~add~~ user control would be added to the tool box.
- ⑫ Drag & drop the control on the form & execute.

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```
Private Sub Click()  
Dim text1 as String, text2 as String  
text1 = "Welcome"  
MsgBox text1  
End Sub
```