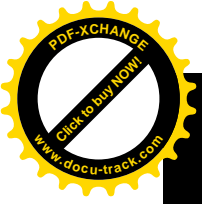


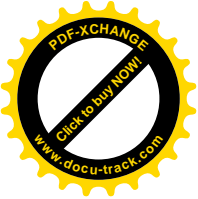
Dengan Crystal Report

Membuat Laporan



Tahan Persiapan

- i Buatlah Koneksi ODBC untuk Tabel *Northwind* dengan nama **odbc_report**
- i Buatlah Folder di drive C: dengan nama **MembuatReport**
- i Latihan ini dibagi menjadi 2 Tahap:
 1. Membuat File Report
 2. Membuat Fom VB dan Coding



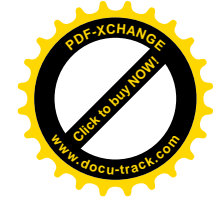
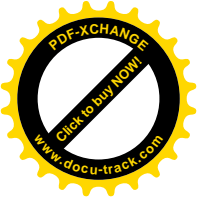
Console Root\Microsoft SQL Servers\SQL Server Group\local (Windows NT)\Databases

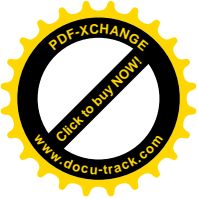
Console Root

- Microsoft SQL Servers
 - SQL Server Group
 - (local) (Windows NT)
 - Databases
 - KA0910
 - master
 - model
 - msdb
 - Northwind
 - pubs
 - tempdb
 - uts_vb
 - Data Transformation Services
 - Management
 - Replication
 - Security
 - Support Services
 - Meta Data Services

Databases 8 Items

KA0910	master	model	msdb	Northwind	pubs
tempdb	uts_vb				





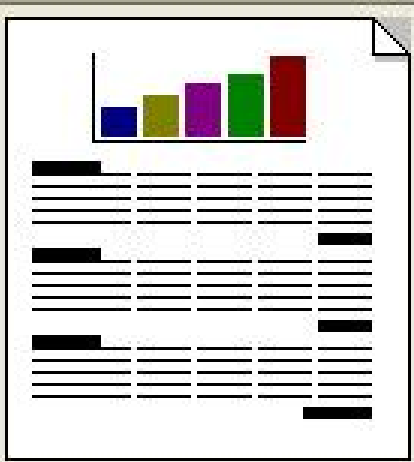
Crystal Report Gallery

Create a New Crystal Report Document

- Using the Report Expert
- As a Blank Report

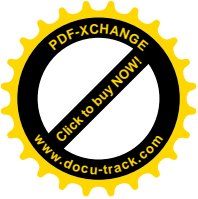
Choose an Expert

- Standard
- Form Letter
- Form
- Cross-Tab
- Subreport
- Mail Label
- Drill Down
- OLAP



Guides the creation of a typical report.

OK Cancel Help



Standard Report Expert

Data | Fields | Group | Total | Top N | Chart | Select | Style

Choose the Data you want to report on
Click Database to open a database file or data server.
Click Crystal SQL Query or Crystal Dictionary if your data is already saved in one of these two formats.

Tables available for report:

Database

Crystal SQL Query

Crystal Dictionary

Design Report | Preview Sample | Help

Data Explorer

- Current Connections
- Favorites
- History
- ODBC
 - Create New Data Source
 - Connect Using File Data Source
 - CROR8V36
 - CRSS
 - CRXMLV36
 - dBASE Files
 - Excel Files
 - ka0910odbc

Add

Remove

Add to Favorites

Delete Favorite

Options...

Help

Close

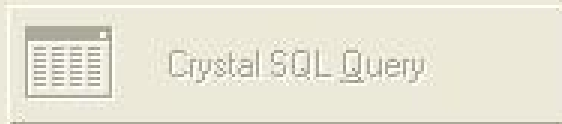
Data Explorer
Browse through the folders to find your data source's tables. Select and Add tables that contain data you want to report on. You can also double-click a table to add it.



Standard Report Expert

Data | Fields | Group | Total | Top N | Chart | Select | Style

Choose the Data you want to report on
Click Database to open a database file or data server.
Click Crystal SQL Query or Crystal Dictionary if your data is already saved in one of these two formats.



Tables available for report:

- Customers

Remove

Add Index...

Design Report

Preview Sample

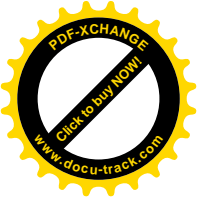
Help

Cancel

<< Back

Next >>

Finish



Standard Report Expert

Data | Fields | Group | Total | Top N | Chart | Select | Style

Choose the information to display on the report
Select the available fields that contain the data you want to report on. Then add them to the Fields to Display list.

Available Fields:

- Customers
 - CustomerID
 - CompanyName
 - ContactName
 - ContactTitle
 - Address
 - City
 - Region
 - PostalCode
 - Country
 - Phone
 - City

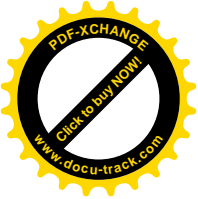
Fields to Display:

- Customers.CompanyName
- Customers.ContactName
- Customers.City
- Customers.Country
- Customers.Phone

Buttons: Add -, Add All -, <- Remove, <- Remove All

Column Heading: Phone

Design Report | Preview Sample | Help | Cancel | << Back | Next >> | Finish



Standard Report Expert



Data | Fields | Group | Total | Top N | Chart | Select | **Style**

(Optional) Add style to the report

Select a formatting style for the report. Add a title. Browse for a picture (e.g. company logo), if desired.

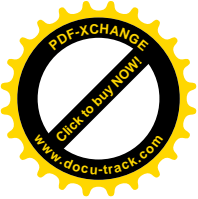
Title:

- Style:
- Standard**
 - Leading Break
 - Trailing Break
 - Table
 - Drop Table
 - Executive, Leading Break
 - Executive, Trailing Break
 - Shading
 - Red/Blue Border
 - Maroon/Teal Box



Add a picture:

Design Report | Preview Sample | Help | Cancel | << Back | Next >> | Finish



Standard Report Expert

Data | Fields | Group | Total | Top N | Chart | Select | Style

Choose the Data you want to report on
Click Database to open a database file or data server.
Click Crystal SQL Query or Crystal Dictionary if your data is already saved in one of these two formats.

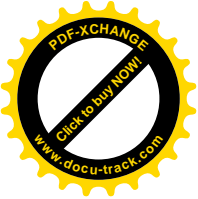
Tables available for report:

- Database
- Crystal SQL Query
- Crystal Dictionary

Orders

Remove Add Index...

Design Report Preview Sample Help Cancel << Back Next >> Finish



Standard Report Expert

Data Fields Group Total Top N Chart Select Style

Choose the information to display on the report
Select the available fields that contain the data you want to report on. Then add them to the Fields to Display list.

Available Fields:

- Orders
 - OrderID
 - CustomerID
 - EmployeeID
 - OrderDate
 - RequiredDate
 - ShippedDate
 - ShipVia
 - Freight
 - ShipName
 - ShipAddress
 - ShipCity

Add ->
Add All ->

<- Remove
<- Remove All

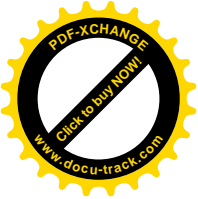
Fields to Display:

- Orders.OrderID
- Orders.CustomerID
- Orders.OrderDate
- Orders.Freight

Browse Data... Formula...
Find Field...

Column Heading: Freight

Design Report Preview Sample Help Cancel << Back Next >> Finish



Standard Report Expert

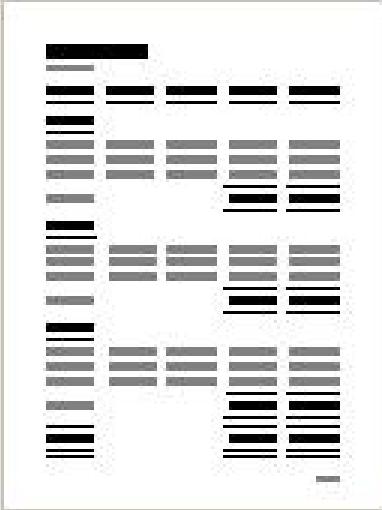
Data | Fields | Group | Total | Top N | Chart | Select | **Style**


(Optional) Add style to the report
Select a formatting style for the report. Add a title. Browse for a picture (e.g. company logo), if desired.

Title:

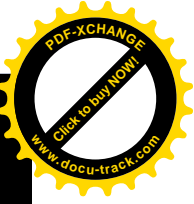
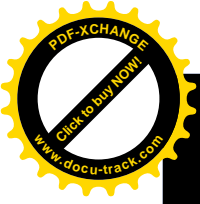
Style:

- Standard
- Leading Break
- Trailing Break
- Table
- Drop Table
- Executive, Leading Break
- Executive, Trailing Break
- Shading
- Red/Blue Border
- Maroon/Teal Box



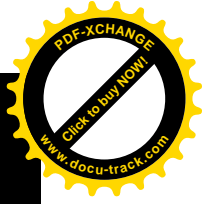
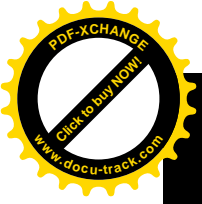
Add a picture: 

Design Report | Preview Sample | Help | Cancel | << Back | Next >> | Finish



Dengan Crystal Report

Membuat Form Untuk Menampilkan Laporan



Tahap Persiapan


- i Sebelum kalian meletakkan komponen diatas form yang kosong, simpanlah terlebih dahulu Project VB kalian kedalam folder yang sebelumnya telah dibuat.
- i Tambahkan komponen CrystalReport Kedalam ToolBox



Components

Controls | Designers | Insertable Objects

- Cdlg
- ChartFX 6.2 ClientServer Core
- cic 1.0 Type Library
- CompatUI 1.0 Type Library
- ComponentOne VSFlexGrid 8.0 (Light/Unicode)
- ComSnap 1.0 Type Library
- CoverEdCtrl ActiveX-Steuererelement-Modul
- Crystal Report Control**
- Crystal Report Viewer Control
- Crystal Select Expert OLE Control module
- ctv OLE Control module
- DHTML Edit Control for IE5
- DirectSkin ActiveX Control module (ACE)



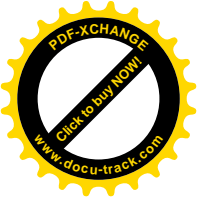
Browse...

Selected Items Only

Crystal Report Control

Location: H:\WINDOWS\system32\Crystal32.OCX

OK Cancel Apply



Form1

[Report Data Konsumen]

Semua (All)

Adodc1

DataCombo1

Berdasarkan Negara

[Report Data Transaksi]

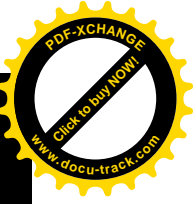
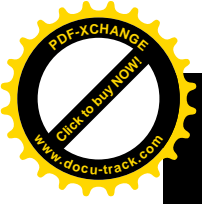
Tahun 1996

Berdasarkan Tahun

Bulan Combo1

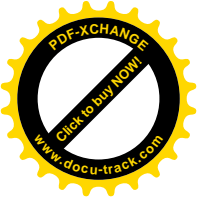
Tahun 1996

Berdasarkan Bulan dan Tahun



Koneksi Pada Form

- i Koneksikan Adodc1 dengan odbc_report untuk tabel Customers
- i Koneksikan DataCombo1 dengan Adodc1



```
Private Sub Command1_Click()
```

```
'Cetak Report Semua (All):
```

```
CrystalReport1.ReportFileName = App.Path & "/DataKonsumen.rpt"
```

```
CrystalReport1.RetrieveDataFiles
```

```
CrystalReport1.WindowState = crptMaximized
```

```
CrystalReport1.Action = True
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
'Cetak Report PerNegara:
```

```
CrystalReport1.ReportFileName = App.Path & "/DataKonsumen.rpt"
```

```
CrystalReport1.SelectionFormula = _
```

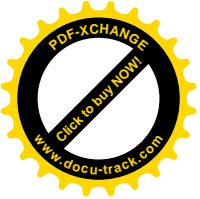
```
    "({Customers.Country} )=' " & DataCombo1.Text & "'"
```

```
CrystalReport1.RetrieveDataFiles
```

```
CrystalReport1.WindowState = crptMaximized
```

```
CrystalReport1.Action = True
```

```
End Sub
```



```
Private Sub Command3_Click()
```

```
'Cetak Report PerTahun:
```

```
CrystalReport1.ReportFileName = App.Path _  
    & "/DataPenjualan.rpt"
```

```
CrystalReport1.SelectionFormula = _  
    "Year({Orders.OrderDate} )=" & Text1.Text
```

```
CrystalReport1.RetrieveDataFiles
```

```
CrystalReport1.WindowState = crptMaximized
```

```
CrystalReport1.Action = True
```

```
End Sub
```

```
Private Sub Command4_Click()
```

```
'Cetak Report PerBulan/Tahun:
```

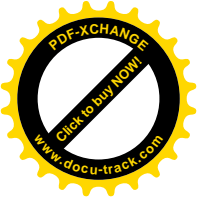
```
CrystalReport1.ReportFileName = App.Path _  
    & "/DataPenjualan.rpt"
```

```
CrystalReport1.SelectionFormula = _  
    "month({Orders.OrderDate} )=" & Combo1.ListIndex + 1 _  
    & "and Year({Orders.OrderDate} )=" & Text2.Text
```

```
CrystalReport1.RetrieveDataFiles
```

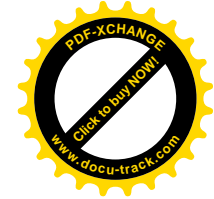
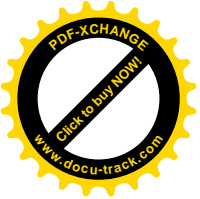
```
CrystalReport1.Action = True
```

```
End Sub
```



```
Function ComboBulan()  
    'Menampilkan Nama Bulan  
    Combo1.AddItem "Januari"  
    Combo1.AddItem "Februari"  
    Combo1.AddItem "Maret"  
    Combo1.AddItem "April"  
    Combo1.AddItem "Mei"  
    Combo1.AddItem "Juni"  
    Combo1.AddItem "Juli"  
    Combo1.AddItem "Agustus"  
    Combo1.AddItem "September"  
    Combo1.AddItem "Oktober"  
    Combo1.AddItem "Nopember"  
    Combo1.AddItem "Desember"  
End Function
```

```
Private Sub Form_Load()  
    ComboBulan  
End Sub
```



Form1

[Report Data Konsumen]

Semua (All)

Germany

Berdasarkan Negara

[Report Data Transaksi]

Tahun 1996

Berdasarkan Tahun

Bulan Februari

Tahun 1997

Berdasarkan Bulan dan Tahun