

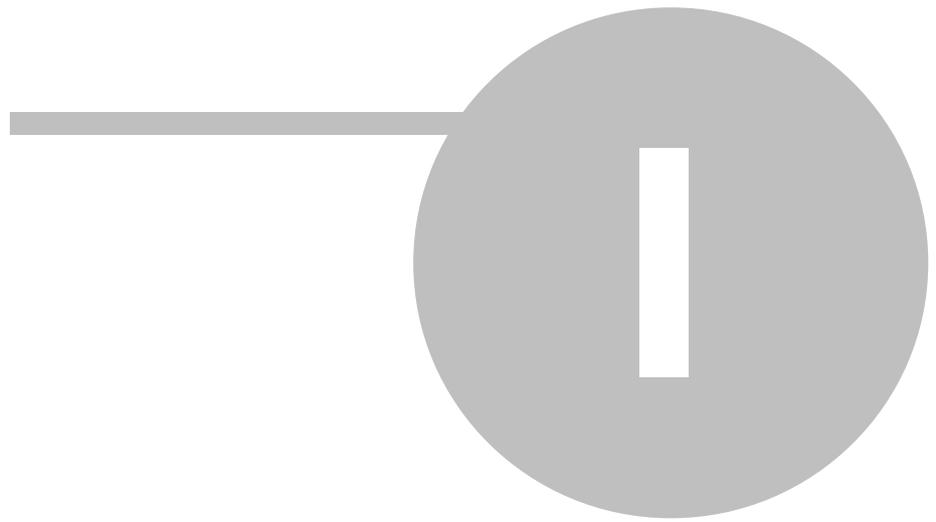
# FastReport 4.6

<b>I</b>		<b>2</b>
	<b>TfrxReport</b>	
1	.....	2
2	.....	3
3	.....	3
4	.....	4
5	.....	4
6	.....	5
7	.....	5
8	.....	6
9	(            ) .....	6
	.....	7
	.....	7
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---

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**TfrxReport**

## 1.1

DFM.

```

      BLOB-      (      -      ,
      TfrxReport /      :

```

```

function LoadFromFile(const FileName: String; ExceptionIfNotFound:
Boolean = False): Boolean;
      ,
      True
      True.

```

```

procedure LoadFromStream(Stream: TStream);

```

```

procedure SaveToFile(const FileName: String);

```

```

procedure SaveToStream(Stream: TStream);

```

FR3.

:

**Pascal:**

```

frxReport1.LoadFromFile('c:\1.fr3');
frxReport1.SaveToFile('c:\2.fr3');

```

**C++:**

```

frxReport1->LoadFromFile("c:\\1.fr3");
frxReport1->SaveToFile("c:\\2.fr3");

```

## 1.2

```

                                TfrxReport.DesignReport.
                                (
TfrxDesigner                    frxDesgn          uses).
:
frxReport1.DesignReport;

                                DesignReport          :
procedure DesignReport(Modal: Boolean = True; MDIChild: Boolean =
False);
                                ,
; -                               ( MDI
                                ).

```

## 1.3

```

TfrxReport:
procedure ShowReport(ClearLastReport: Boolean = True);
                                ClearLastReport      False,
                                ,                               (
function PrepareReport(ClearLastReport: Boolean = True): Boolean;
                                ,                               ShowReport.
                                True.
                                ,
                                ,
                                ClearLastReport
                                (
                                ,
                                ).
:

```

```
frxReport1.ShowReport;
```

## 1.4

```

        TfrxReport.ShowReport ( . " " ),
        TfrxReport.ShowPreparedReport.
        ,
        .
        PrepareReport,
        ( . " / " ).

```

```
:
```

### Pascal:

```
if frxReport1.PrepareReport then
    frxReport1.ShowPreparedReport;
```

### C++:

```
if(frxReport1->PrepareReport(true))
    frxReport1->ShowPreparedReport();
```

```

        PrepareReport/ShowPreparedReport
        ShowReport.

```

```
TfrxReport.PreviewOptions.
```

## 1.5

```

        . " " TfrxReport.Print,
        :
frxReport1.Print;
```

```

        ,
        ,
        TfrxReport.PrintOptions.

```

## 1.6

## TfrxReport.PreviewPages:

```

function LoadFromFile(const FileName: String; ExceptionIfNotFound:
Boolean = False): Boolean;
procedure SaveToFile(const FileName: String);
procedure LoadFromStream(Stream: TStream);
procedure SaveToStream(Stream: TStream);

```

TfrxReport.

FP3.

:

**Pascal:**

```

frxReport1.PreviewPages.LoadFromFile('c:\1.fp3');
frxReport1.ShowPreparedReport;

```

**C++:**

```

frxReport1->PreviewPages->LoadFromFile("c:\\1.fp3");
frxReport1->ShowPreparedReport();

```

ShowPreparedReport!

## 1.7

## TfrxReport.Export.

,

:

```

frxReport1.Export(frxHTMLExport1);

```

(

)

## 1.8

```

FastReport
    TfrxPreview
    FastReport.
    TfrxReport.Preview.
    TfrxPreview
    ( , PgUp, PgDown )
    ( ).
    :
frxPreview1.SetFocus;
    OnShow
    TfrxPreview.MouseWheelScroll:
procedure TForm1.FormMouseWheel(Sender: TObject; Shift: TShiftState;
    WheelDelta: Integer; MousePos: TPoint; var Handled: Boolean);
begin
    frxPreview1.MouseWheelScroll(WheelDelta);
end;

```

## 1.9

```

( )
    FastReport
    TfrxReport.PrepareReport
    ClearLastReport: Boolean,
    True.
    :
Pascal:
frxReport1.LoadFromFile('1.fr3');
frxReport1.PrepareReport;
frxReport1.LoadFromFile('2.fr3');
frxReport1.PrepareReport(False);
frxReport1.ShowPreparedReport;

```

**C++:**

```

frxReport1->LoadFromFile("1.fr3");
frxReport1->PrepareReport(true);
frxReport1->LoadFromFile("2.fr3");
frxReport1->PrepareReport(false);
frxReport1->ShowPreparedReport();

```

ClearLastReport = False.

TfrxReport

### 1.9.1

Page, Page#, TotalPages,

TotalPages# / :

Page -  
Page# -  
TotalPages - ( )  
TotalPages# - .

### 1.9.2

" (PrintOnPreviousPage) " " " ; . .

" " "

### 1.10

TfrxReport.OnClickObject.





TfrxReport.FindObject:

**Pascal:**

```

var
  Mem01: TfrxMemoView;

Mem01 := frxReport1.FindObject('Mem01') as TfrxMemoView;

```

**C++:**

```

TfrxMemoView * Mem0 =
dynamic_cast <TfrxMemoView *> (frxReport1->FindObject("Mem01"));

```

TfrxReport.Pages:

**Pascal:**

```

var
  Page1: TfrxReportPage;

Page1 := frxReport1.Pages[1] as TfrxReportPage;

```

**C++:**

```

TfrxReportPage * Page1 = dynamic_cast <TfrxReportPage *> (frxReport1->Pages[1]);

```

```

[1]. 0 - " "

```

## 1.12

```

,
)
,
(
,
.
:
-
-
-
-
-
-
-
-
-

```

```

        " "
        frxReport1: TfrxReport frxDBDataSet1: TfrxDBDataSet
(
        DBDEMOS, Customer.db).
        report title master data. report title
        "Hello FastReport!", master data -
        "CustNo".

```

**Pascal:**

```

var
  DataPage: TfrxDataPage;
  Page: TfrxReportPage;
  Band: TfrxBand;
  DataBand: TfrxMasterData;
  Memo: TfrxMemoView;

{
frxReport1.Clear;

{
frxReport1.DataSets.Add(frxDBDataSet1);

{
DataPage := TfrxDataPage.Create(frxReport1);

{
Page := TfrxReportPage.Create(frxReport1);
{
Page.CreateUniqueName;
{
Page.SetDefaults;
{
Page.Orientation := poLandscape;

{
Band := TfrxReportTitle.Create(Page);
Band.CreateUniqueName;
{
Band.Top := 0;
Band.Height := 20;

{
Memo := TfrxMemoView.Create(Band);
Memo.CreateUniqueName;
Memo.Text := 'Hello FastReport!';
Memo.Height := 20;
{
Memo.Align := baWidth;

```

```

    {           master data }
    DataBand := TfrxMasterData.Create(Page);
    DataBand.CreateUniqueName;
    DataBand.DataSet := frxDBDataSet1;
    {           Top           ! }
    DataBand.Top := 100;
    DataBand.Height := 20;

    {           master data }
    Memo := TfrxMemoView.Create(DataBand);
    Memo.CreateUniqueName;
    {           }
    Memo.DataSet := frxDBDataSet1;
    Memo.DataField := 'CustNo';
    Memo.SetBounds(0, 0, 100, 20);
    {           }
    Memo.HAlign := haRight;

    {           }
    frxReport1.ShowReport;

```

**C++:**

```

TfrxDataPage * DataPage;
TfrxReportPage * Page;
TfrxBand * Band;
TfrxMasterData * DataBand;
TfrxMemoView * Memo;

//
frxReport1->Clear();

//
frxReport1->DataSets->Add(frxDBDataSet1);

//           "           "
DataPage = new TfrxDataPage(frxReport1);

//
Page = new TfrxReportPage(frxReport1);
//
Page->CreateUniqueName();
//
Page->SetDefaults();
//
Page->Orientation = poLandscape;

//           report title
Band = new TfrxReportTitle(Page);
Band->CreateUniqueName();
//           Top
//           -

```

```

Band->Top = 0;
Band->Height = 20;

//          report title
Memo = new TfrxMemoView(Band);
Memo->CreateUniqueName();
Memo->Text = "Hello FastReport!";
Memo->Height = 20;
//
Memo->Align = baWidth;

//          master data
DataBand = new TfrxMasterData(Page);
DataBand->CreateUniqueName();
DataBand->DataSet = frxDBDataSet1;
//          Top          !
DataBand->Top = 100;
DataBand->Height = 20;

//          master data
Memo = new TfrxMemoView(DataBand);
Memo->CreateUniqueName();
//
Memo->DataSet = frxDBDataSet1;
Memo->DataField = "CustNo";
Memo->SetBounds(0, 0, 100, 20);
//
Memo->HAlign = haRight;

//
frxReport1->ShowReport(true);

.
,
,
.
frxReport1.DataSets.Add(frxDBDataSet1),
.
"      "
,
.
Page.SetDefaults -
4      0 .SetDefaults      10 ,
,
.
,
,
.
Top Height.      Left Width      -

```

```

(
    Left Width,
    Top Height
).
    Left, Top,
Width, Height
Extended,
:
fr01cm = 3.77953; // 96 / 25.4
fr1cm = 37.7953;
fr01in = 9.6;
fr1in = 96;
    5
:
Band.Height := fr01cm * 5;
Band.Height := fr1cm * 0.5;

```

## 1.13

**Pascal:**

```

{
uses frxDCtrl;

var
    Page: TfrxDialogPage;
    Button: TfrxButtonControl;

{
Page := TfrxDialogPage.Create(frxReport1);
{
Page.CreateUniqueName;
{
Page.Width := 200;
Page.Height := 200;
{
Page.Position := poScreenCenter;

{
Button := TfrxButtonControl.Create(Page);

```

```

Button.CreateUniqueName;
Button.Caption := 'OK';
Button.ModalResult := mrOk;
Button.SetBounds(60, 140, 75, 25);

{
}
frxReport1.ShowReport;

```

**C++:**

```

//
#include "frxDCtrl.hpp"

TfrxDialogPage * Page;
TfrxButtonControl * Button;

//
Page = new TfrxDialogPage(frxReport1);
//
Page->CreateUniqueName();
//
Page->Width = 200;
Page->Height = 200;
//
Page->Position = poScreenCenter;

//
Button = new TfrxButtonControl(Page);
Button->CreateUniqueName();
Button->Caption = "OK";
Button->ModalResult = mrOk;
Button->SetBounds(60, 140, 75, 25);

//
frxReport1->ShowReport(true);

```

## 1.14

```

,
,
:
TfrxReportPage
,
property Orientation: TPrinterOrientation default poPortrait;
property PaperWidth: Extended;
property PaperHeight: Extended;
property PaperSize: Integer;

PaperSize
.

```

```

        , Windows.pas, , DMPAPER_A4.
        , FastReport PaperWidth PaperHeight
    (
    DMPAPER_USER ( 256),
        PaperWidth PaperHeight

    .

    (
        ,
    ):

Pascal:

var
    Page: TfrxReportPage;

    {
    Page := TfrxReportPage(frxReport1.Pages[1]);
    {
    Page.PaperSize := DMPAPER_A2;
    {
    Page.Orientation := poLandscape;

C++:

TfrxReportPage * Page;

//
Page = (TfrxReportPage *)frxReport1.Pages[1];
//
Page->PaperSize = DMPAPER_A2;
//
Page->Orientation = poLandscape;

```

## 1.15

```

FastReport.
        ,
        .
        , FastReport
        ,
        TfrxReport.OnManualBuild.
        , FastReport
        :
        :
        -
        ) (
        ,
        ,

```

```

- ( / , ) page/column header/
- footer, report title/summary)
-
:
-
.., OnManualBuild ,
FastReport .
: ,
..
TfrxCustomEngine.
TfrxReport.Engine.
:
procedure NewColumn;
.
procedure NewPage;
.
procedure ShowBand(Band: TfrxBand); overload;
.
procedure ShowBand(Band: TfrxBandClass); overload;
.
function FreeSpace: Extended;
( ).
property CurColumn: Integer;
/
property CurX: Extended;
/ X.
property CurY: Extended;
/ Y.
property DoublePass: Boolean;
.
property FinalPass: Boolean;

```

```
property FooterHeight: Extended;
    page footer.
```

```
property HeaderHeight: Extended;
    page header.
```

```
property PageHeight: Extended;
```

```
property PageWidth: Extended;
```

```
property TotalPages: Integer;
    (
    ).
```

```
data,
```

```
6
```

```
master
```

```
Pascal:
```

```
var
```

```
    i: Integer;
    Band1, Band2: TfrxMasterData;
```

```
{ }
```

```
Band1 := frxReport1.FindObject('MasterData1') as TfrxMasterData;
```

```
Band2 := frxReport1.FindObject('MasterData2') as TfrxMasterData;
```

```
for i := 1 to 6 do
```

```
begin
```

```
    { }
```

```
    frxReport1.Engine.ShowBand(Band1);
```

```
    frxReport1.Engine.ShowBand(Band2);
```

```
    { }
```

```
    if i = 3 then
```

```
        frxReport1.Engine.CurY := frxReport1.Engine.CurY + 10;
```

```
end;
```

```
C++:
```

```
int i;
```

```
TfrxMasterData * Band1;
```

```
TfrxMasterData * Band2;
```

```
//
```

```
Band1 := dynamic_cast <TfrxMasterData *> (frxReport1->FindObject("MasterData1"));
```

```
Band2 := dynamic_cast <TfrxMasterData *> (frxReport1->FindObject("MasterData2"));

for(i = 1; i <= 6; i++)
{
    //
    frxReport1->Engine->ShowBand(Band1);
    frxReport1->Engine->ShowBand(Band2);
    //
    if(i == 3)
        frxReport1->Engine->CurY += 10;
}
```

**Pascal:**

```
var
    i, j: Integer;
    Band1, Band2: TfrxMasterData;
    SaveY: Extended;

Band1 := frxReport1.FindObject('MasterData1') as TfrxMasterData;
Band2 := frxReport1.FindObject('MasterData2') as TfrxMasterData;

SaveY := frxReport1.Engine.CurY;
for j := 1 to 2 do
begin
    for i := 1 to 6 do
        begin
            frxReport1.Engine.ShowBand(Band1);
            frxReport1.Engine.ShowBand(Band2);
            if i = 3 then
                frxReport1.Engine.CurY := frxReport1.Engine.CurY + 10;
        end;
        frxReport1.Engine.CurY := SaveY;
        frxReport1.Engine.CurX := frxReport1.Engine.CurX + 200;
    end;
end;
```

**C++:**

```
int i, j;
TfrxMasterData * Band1;
TfrxMasterData * Band2;
Extended SaveY;

Band1 = dynamic_cast <TfrxMasterData *> (frxReport1->FindObject("MasterData1"));
Band2 = dynamic_cast <TfrxMasterData *> (frxReport1->FindObject("MasterData2"));

SaveY = frxReport1->Engine->CurY;
for(j = 1; j <= 2; j++)
{
    for(i = 1; i <= 6; i++)
```

```

{
  frxReport1->Engine->ShowBand(Band1);
  frxReport1->Engine->ShowBand(Band2);
  if(i == 3)
    frxReport1->Engine->CurY += 10;
}
frxReport1->Engine->CurY = SaveY;
frxReport1->Engine->CurX += 200;
}

```

## 1.16

(FastReport Demos\BCB Demos\PrintArray).

FastReport Demos\PrintArray

```

,
TfrxUserDataSet
):
RangeEnd := reCount
RangeEndCount := -
-
TfrxUserDataSet.
Master Data
TfrxReport.
[element] . 'element'
OnGetValue.

```

## 1.17 TStringList

(FastReport Demos\BCB Demos\PrintStringList).

FastReport Demos\PrintStringList

## 1.18

(FastReport Demos\BCB Demos\PrintFile).

FastReport Demos\PrintFile

```

(
-
"
,

```

```

        "Single row").
        (Stretch)
        (Allow Split).
        ,
        ,
        .
        " ",
        [file].
        TfrxReport.OnGetValue.
        Stretch
        StretchMode = smActualHeight).

```

## 1.19 TStringGrid

```

FastReport Demos\PrintStringGrid
(FastReport Demos\BCB Demos\PrintStringGrid).
TStringGrid
. . .
Cross-tab (
TfrxCrossObject).
: TfrxCrossView
TfrxDBCrossView
TfrxCrossView.
1.
StringGrid
TfrxReport.
OnBeforePrint. TfrxCrossView.AddValue.
: (
- ).

```

## 1.20 TTable, TQuery

```

FastReport Demos\PrintTable
(FastReport Demos\BCB Demos\PrintTable).
TStringGrid.
Cross-tab

```

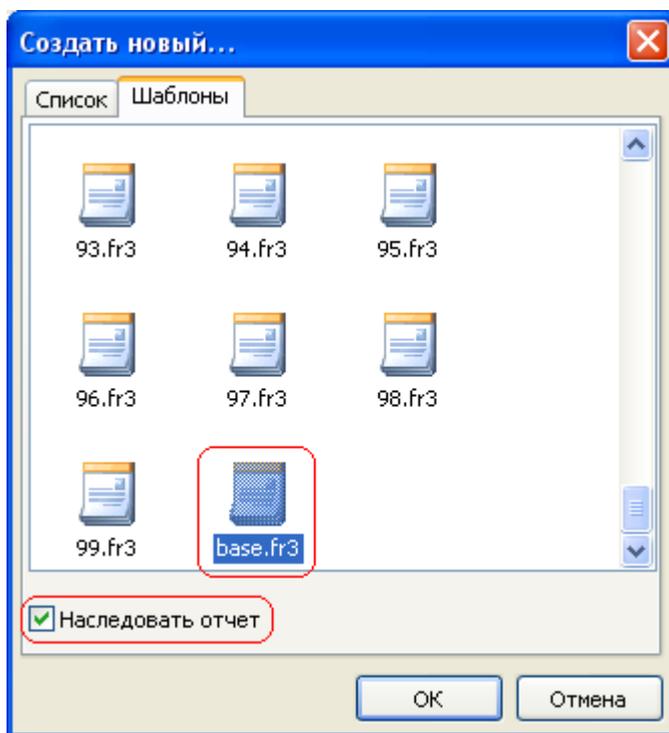
( , ( ) )

## 1.21

" "

FastReport

" | ... " " | ...":



TfrxDesigner.TemplateDir.

, FastReport  
(.exe).

TfrxReport.OnLoadTemplate:

```
property OnLoadTemplate: TfrxLoadTemplateEvent read FOnLoadTemplate write FOnLoadTemplate;
```

TfrxLoadTemplateEvent = **procedure**(Report: TfrxReport; **const** TemplateName: **String**) **of object**;

Report. : TemplateName

```
procedure TForm1.LoadTemplate(Report: TfrxReport; const TemplateName: String);
var
  BlobStream: TStream;
begin
  ADOTable1.First;
  while not ADOTable1.Eof do
  begin
    if AnsiCompareText(ADOTable1.FieldByName('ReportName').AsString, TemplateName)
    begin
      BlobStream := TMemoryStream.Create;
      TBlobField(ADOTable1.FieldByName('ReportBlob')).SaveToStream(BlobStream);
      BlobStream.Position := 0;
      Report.LoadFromStream(BlobStream);
      BlobStream.Free;
      break;
    end;
    ADOTable1.Next;
  end;
end;
```

" | ...") ( " | ..." )  
TfrxDesigner.  
OnGetTemplateList:

**property** OnGetTemplateList: TfrxGetTemplateListEvent **read** FOnGetTemplateList **write**

TfrxGetTemplateListEvent = **procedure**(List: TStrings) **of object**;

List. :

```
procedure TForm1.GetTemplates(List: TList);
begin
  List.Clear;
  ADOTable1.First;
  while not ADOTable1.Eof do
  begin
    List.Add(ADOTable1.FieldByName('ReportName').AsString);
    ADOTable1.Next;
  end;
end;
```

Fast Report ,

TfmxReport.InheritFromTemplate(const templName: String; InheritMode: TfmxInheritMode = imDefault): Boolean.

```

    (imDefault -
    /
    , imDelete -
    imRename -
    ).
    . Fast Report
    (
    ).

```

## 1.22

```

FastReport
:
- TfmxDBDataSet
, ...
TfmxDBDataSet(
);
- Memo1.Left := Memo1.Left + 10
- TfmxReport.EngineOptions.DestroyForms := False
TfmxReport.EngineOptions.DestroyForms := True.
, ...
TfmxReport.EngineOptions.DestroyForms := False
.
TfmxDBDataSet

```

```

    {DestroyForms
        }
    FReport.EngineOptions.DestroyForms := False;
    FReport.EngineOptions.SilentMode := True;
    {
        -
    }
    FReport.EngineOptions.UseGlobalDataSetList := False;
    {EnabledDataSets
        }
    FReport.EnabledDataSets.Add(FfrxDataSet);
    FReport.LoadFromFile(ReportName);
    FReport.PrepareReport;

```

## 1.23

```

    ), (
    ).

Fast Report:

- TfrxReport.EngineOptions.UseFileCache - True,
TfrxReport.EngineOptions.MaxMemoSize ,
.

- TfrxReport.PreviewOptions.PagesInCache -
, (
).

- TfrxReport.PreviewOptions.PictureCacheInFile -
,
-
.

```

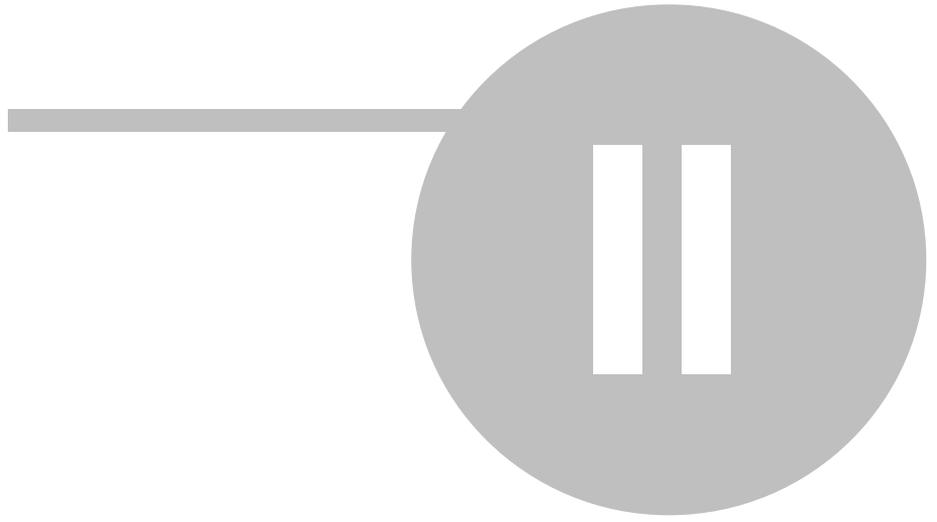
## 1.24 MDI

```

Fast Report MDI
,
FastReport Demos\MDI Designer.

```

,  
TfrxReport,





```
procedure GetVariablesList(const Category: String; List: TStrings);  
  
property Items[Index: Integer]: TfrxVariable readonly;  
  
property Variables[Index: String]: Variant; default;  
  
end;
```

```
    ,  
    :  
  
/  
  
:  
  
/  
  
:  
  
-  
- , -  
-  
- ,
```

## 2.1

Variables.  
-  
-

TfrxReport.  
:

```
-
-          2 3          .
```

## 2.2

TfrxVariables.Clear:

**Pascal:**

```
frxReport1.Variables.Clear;
```

**C++:**

```
frxReport1->Variables->Clear();
```

## 2.3

```

,
.
,
.
,
.
:

```

**Pascal:**

```
frxReport1.Variables[' ' + 'My Category 1'] := Null;
```

**C++:**

```
frxReport1->Variables->Variables[" My Category 1"] = NULL;
```

**Pascal:**

**var**

```
Category: TfrxVariable;
```

```
Category := frxReport1.Variables.Add;
Category.Name := ' ' + 'My category 1';
```

**C++:**

```
TfrxVariable * Category;
```

```
Category = frxReport1->Variables->Add();
Category->Name = " My category 1";
```

## 2.4

### Pascal:

```
frxReport1.Variables['My Variable 1'] := 10;
```

### C++:

```
frxReport1->Variables->Variables["My Variable 1"] = 10;
```

### Pascal:

#### var

```
Variable: TfrxVariable;
```

```
Variable := frxReport1.Variables.Add;
Variable.Name := 'My Variable 1';
Variable.Value := 10;
```

### C++:

```
TfrxVariable * Variable;
```

```
Variable = frxReport1->Variables->Add();
Variable->Name = "My Variable 1";
Variable->Value = 10;
```

Insert:

### Pascal:

#### var

```
Variable: TfrxVariable;
```

```
Variable := frxReport1.Variables.Insert(1);  
Variable.Name := 'My Variable 1';  
Variable.Value := 10;
```

**C++:**

```
TfrxVariable * Variable;  
  
Variable = frxReport1->Variables->Insert(1);  
Variable->Name = "My Variable 1";  
Variable->Value = 10;
```

**AddVariable:**

**Pascal:**

```
frxReport1.Variables.AddVariable('My Category 1', 'My Variable 2', 10);
```

**C++:**

```
frxReport1->Variables->AddVariable("My Category 1", "My Variable 2",  
10);
```

## 2.5

**Pascal:**

```
frxReport1.Variables.DeleteVariable('My Variable 2');
```

**C++:**

```
frxReport1->Variables->DeleteVariable("My Variable 2");
```

## 2.6

:

**Pascal:**

```
frxReport1.Variables.DeleteCategory('My Category 1');
```

**C++:**

```
frxReport1->Variables->DeleteCategory("My Category 1");
```



```

":
frxReport1.Variables['My Variable'] := 'test';

FastReport                                My Variable                                :
.
frxReport1.Variables['My Variable'] := '' + 'test' + '';
- 'test' -
- ;
- #13#10.

```

## 2.8

FastScript

	TfrxReport.Variables.	, TfrxReport.Script.Variables.
	.	, Pascal.
	.	.
	, . . .	,
	"	,
	"	.

**Pascal:**

```
frxReport1.Script.Variables['My Variable'] := 'test';
```

**C++:**

```
frxReport1->Script->Variables->Variables["My Variable"] = "test";
```

```
Variant), , ( , . , .
```

**2.9**

**TfrxReport.OnGetValue**

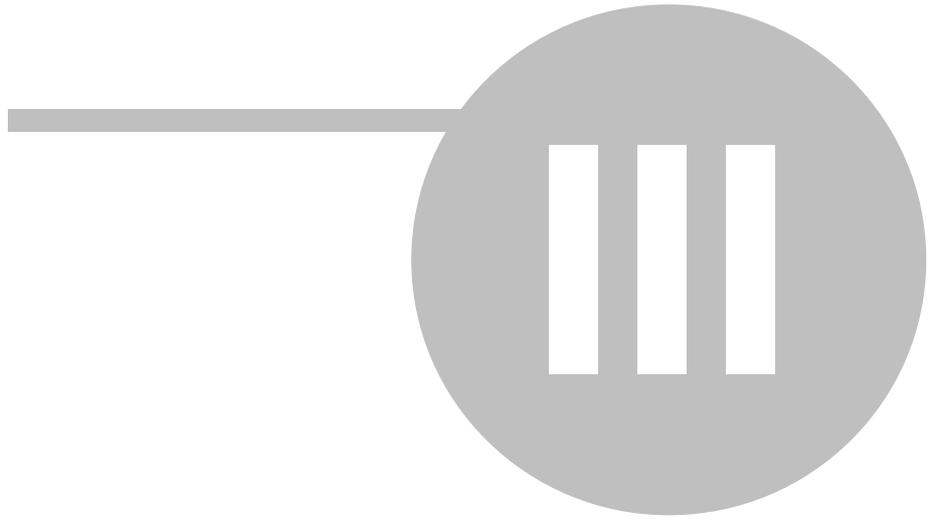
```
, , TfrxReport.OnGetValue. ( , ),
```

[My Variable]

TfrxReport.OnGetValue:

```
procedure TForm1.frxReport1GetValue(const VarName: String;
var Value: Variant);
begin
  if CompareText(VarName, 'My Variable') = 0 then
    Value := 'test'
end;
```

, OnGetValue ,





```

function Find(const Name: String): TfrxStyleItem;

procedure Apply;

procedure GetList(List: TStrings);

procedure LoadFromFile(const FileName: String);
procedure LoadFromStream(Stream: TStream);

procedure SaveToFile(const FileName: String);
procedure SaveToStream(Stream: TStream);

property Items[Index: Integer]: TfrxStyleItem; default;

property Name: String;

end;

, TfrxStyleSheet
/

TfrxStyleSheet = class(TObject)
public
constructor Create;

procedure Clear;

procedure Delete(Index: Integer);

procedure GetList(List: TStrings);

procedure LoadFromFile(const FileName: String);
procedure LoadFromStream(Stream: TStream);

procedure SaveToFile(const FileName: String);
procedure SaveToStream(Stream: TStream);

```

```
function Add: TfrxStyles;

function Count: Integer;

function Find(const Name: String): TfrxStyles;

function IndexOf(const Name: String): Integer;

property Items[Index: Integer]: TfrxStyles; default;

end;
```

## 3.1

### Pascal:

```
var
  Style: TfrxStyleItem;
  Styles: TfrxStyles;

Styles := TfrxStyles.Create(nil);

{
}
Style := Styles.Add;
Style.Name := 'Style1';
Style.Font.Name := 'Courier New';

{
}
Style := Styles.Add;
Style.Name := 'Style2';
Style.Font.Name := 'Times New Roman';
Style.Frame.Typ := [ftLeft, ftRight];

{
}
frxReport1.Styles := Styles;
```

### C++:

```
TfrxStyleItem * Style;
```

```

TfrxStyles * Styles;

Styles = new TfrxStyles(NULL);

//
Style = Styles->Add();
Style->Name = "Style1";
Style->Font->Name = "Courier New";

//
Style = Styles->Add();
Style->Name = "Style2";
Style->Font->Name = "Times New Roman";
Style->Frame->Typ << ftLeft << ftRight;

//
frxReport1->Styles = Styles;

```

:

**Pascal:**

```

var
  Style: TfrxStyleItem;
  Styles: TfrxStyles;

Styles := frxReport1.Styles;
Styles.Clear;

{
}
Style := Styles.Add;
Style.Name := 'Style1';
Style.Font.Name := 'Courier New';

{
}
Style := Styles.Add;
Style.Name := 'Style2';
Style.Font.Name := 'Times New Roman';
Style.Frame.Typ := [ftLeft, ftRight];

{
}
frxReport1.Styles.Apply;

```

**C++:**

```

TfrxStyleItem * Style;
TfrxStyles * Styles;

Styles = frxReport1->Styles;
Styles->Clear();

//

```

```

Style = Styles->Add();
Style->Name = "Style1";
Style->Font->Name = "Courier New";

//
Style = Styles->Add();
Style->Name = "Style2";
Style->Font->Name = "Times New Roman";
Style->Frame->Typ << ftLeft << ftRight;

//
frxReport1->Styles->Apply();

```

## 3.2

/ /

:

### Pascal:

```

var
  Style: TfrxStyleItem;
  Styles: TfrxStyles;

Styles := frxReport1.Styles;

{
}
Style := Styles.Find('Style1');

{
}
Style.Font.Size := 12;

```

### C++:

```

TfrxStyleItem * Style;
TfrxStyles * Styles;

Styles = frxReport1->Styles;

//
Style = Styles->Find("Style1");

//
Style->Font->Size = 12;

```

:

### Pascal:

```

var

```

```

Style: TfrxStyleItem;
Styles: TfrxStyles;

Styles := frxReport1.Styles;

{          }
Style := Styles.Add;
Style.Name := 'Style3';

```

**C++:**

```

TfrxStyleItem * Style;
TfrxStyles * Styles;

Styles = frxReport1->Styles;

//
Style = Styles->Add();
Style->Name = "Style3";

```

:

**Pascal:**

```

var
  Style: TfrxStyleItem;
  Styles: TfrxStyles;

Styles := frxReport1.Styles;

{          }
Style := Styles.Find('Style3');
Style.Free;

```

**C++:**

```

TfrxStyleItem * Style;
TfrxStyles * Styles;

Styles = frxReport1->Styles;

//
Style = Styles->Find("Style3");
delete Style;

```

Apply:

```

{          }
frxReport1.Styles.Apply;

```

/

**Pascal:**

```
frxReport1.Styles.SaveToFile('c:\1.fs3');
frxReport1.Styles.LoadFromFile('c:\1.fs3');
```

**C++:**

```
frxReport1->Styles->SaveToFile("c:\\1.fs3");
frxReport1->Styles->LoadFromFile("c:\\1.fs3");
```

**3.3**

:

```
frxReport1.Styles.Clear;
```

```
frxReport1.Styles := nil;
```

**3.4****Pascal:**

```
var
  Styles: TfrxStyles;
  StyleSheet: TfrxStyleSheet;

StyleSheet := TfrxStyleSheet.Create;

{
  }
Styles := StyleSheet.Add;
Styles.Name := 'Styles1';
{
  }
  Styles }

{
  }
Styles := StyleSheet.Add;
Styles.Name := 'Styles2';
{
  }
  Styles }
```

**C++:**

```

TfrxStyles * Styles;
TfrxStyleSheet * StyleSheet;

StyleSheet = new TfrxStyleSheet;

//
Styles = StyleSheet->Add();
Styles->Name = "Styles1";
//                               Styles

//
Styles = StyleSheet->Add();
Styles->Name = "Styles2";
//                               Styles

```

### 3.5

```

-
ComboBox  ListBox.
.

```

```

:
```

```

StyleSheet.GetList(ComboBox1.Items);

:

frxReport1.Styles := StyleSheet.Items[ComboBox1.ItemIndex];

frxReport1.Styles := StyleSheet.Find[ComboBox1.Text];

```

### 3.6

```

/ /
```

```

:
```

```

var
  Styles: TfrxStyles;
  StyleSheet: TfrxStyleSheet;

{
  Styles := StyleSheet.Find('Styles2');

{
  Style1
with Styles.Find('Style1') do
  Font.Name := 'Arial Black';
}
}

```

```

:

var
  Styles: TfrxStyles;
  StyleSheet: TfrxStyleSheet;

{
}
Styles := StyleSheet.Add;
Styles.Name := 'Styles3';

```

```

:

var
  i: Integer;
  StyleSheet: TfrxStyleSheet;

{
}
i := StyleSheet.IndexOf('Styles3');
{
,
}
if i <> -1 then
  StyleSheet.Delete(i);

```

### 3.7

/

- FSS.

```

var
  StyleSheet: TfrxStyleSheet;

StyleSheet.SaveToFile('c:\1.fss');
StyleSheet.LoadFromFile('c:\1.fss');

```

