tfilestream - objekt schopny ulozit subory

TFileStream.Create

syntax

constructor Create

puzivat 2 mody (fmCreate, fmOpenRead)

vTZoznam Tvarov si definujeme v public premenných

procedure SaveToStream (ANazovSuboru: String)

procedure LoadFromStream(ANazovSuboru: String)

v implementacii si vytvorime tieto objekty (savetostream a loadtostream)

procedure SaveToStream (ANazovSuboru: String)

var

AStream : TFileStream;

ATvar: TTvar;

APocet: Integer;

i: Integer;

begin

AStream :=TFileStream.Create(ANazovSuboru, fmCreate);

APocet:=FList.Count;

AStream.Write(APocet, SizeOf(APocet));

for i := 0 to APocet -1 do

begin

ATvar := GetTvar(i);

ATvar.SaveToStream(AStream);

end;

AStream.Free;

end;

loadfromstream sa vytvara podobne avsak parameter fmCreate nahradime fmOpenRead a premenit save na load

do uses doplnit polozku SysUtils

do objektu TTvar si zadefinujem tieto iste procedury s parametrom virtual;

v objekte ttvar naprogramovat tieto procedury (vytvorit podobne ako v tzoznamtvarov)

dovnutra procedury si definujem vlastnosti tvaru

begin

with AStream do

begin

Write(FDruhTvaru, SizeOf(FDruhTvaru));

pokracovat az kym neobsiahnem vsetky vlastnosti

end;

end;

v load procedure write zmenim na read, polozky musia by t v rovnakom poradi

pre sipku

definovat novu proceduru TSipka.SaveToStream(AStream: TFileStream); override;

begin

ingerited

with AStream do

begin

parametre pre sipku, ako pre ttvar cast save proceduru

end;

v hl. aplikacii

vytvorit v tmenubar tlacidlo ulozit

pridat do formu 2 objekty - savedialog a opendialog

klik na savedialog a naprogramovat event Onexecute

if Savedialog1.Execute() then

FZoznamTvarov.SaveToStream(SaveDialog1.FileName);

v Properties definovat DeafultExt (príponu) na napr tvr

vo Filter Editor

Tvary(\*.tvr) \*.tvr

vsetky subory(\*.\*) \*.\*

nacitanie zoznamu tvarov v TZoznamTvarov v procedure LoadFromStream- pridat do procedury hned za begin ZmazatVsetko

v okne aplikacie pridam nove tlacitdlo do tmenubaru a pridam event OnExecute

if OpenDialog1.Execute() then

FZoznamTvarov.LoadFromStream.(SaveDialog1.FileName);

PaintBox1.Invalidate

v object inspectore

DeafultExt tvr

Filter Editor Tvary a Vsetky Subory

Dokoncit

Proceduru "ZmazatVsetko"