unit Unit1;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,

Dialogs, StdCtrls, IniFiles,fileCtrl,System.UITypes;

type

TForm1 = class(TForm)

Label1: TLabel;

Edit1: TEdit;

Label2: TLabel;

Label3: TLabel;

Edit3: TEdit;

Edit2: TEdit;

Button1: TButton;

Button2: TButton;

Button3: TButton;

Button4: TButton;

Procedure FormCreate(Sender:TObject);

Procedure WriteIni(Sender:TObject);

Procedure Button1Click(Sender:TObject);

Procedure Button3Click(Sender:TObject);

Procedure Button2Click(Sender:TObject);

procedure Button4Click(Sender: TObject);

private

{ Private declarations }

public

{ Public declarations }

end;

var

Form1: TForm1;

myIni: TiniFile;

dir:string;

phase :integer =0;

implementation

{$R \*.dfm}

Procedure Tform1.FormCreate(Sender:TObject);

var

sourceP,TargetP,extP,SS,TT,err : string;

sr: TsearchRec;

cnt: Integer;

s,t: Pchar;

RETURN: Boolean;

label

again;

begin

if phase=0 then

dir:=GetCurrentDir+'\';

if fileexists(dir+'filemove.ini')=false then

begin //se non esiste crea il file ini

phase:=phase+1;

Again:

Form1.Visible:=true;

SetWindowPos(Handle, HWND\_TOPMOST, left, 0, 0, 0, SWP\_NOACTIVATE or SWP\_NOMOVE or SWP\_NOSIZE); //on top

label1.visible:=true;

label1.Caption := 'File extension ';

Edit1.Visible :=True;

Edit1.SetFocus;

label2.Visible:=true;

label2.Caption := 'Source Path';

Edit2.Visible :=True;

button1.Visible:=True;

label3.Visible:=True;

label3.Caption := 'Target Path';

Edit3.Visible :=True;

Button3.Visible:=visible;

button2.Visible:=True;

end else if (MyIni.ReadString('extension','ext','')='') then

showmessage('Correggi il file ini');

begin

if Dialogs.MessageDlg('Change last used settings ?',

mtConfirmation, [mbYes, mbNo], 0, mbNo) = mrYes then

begin

DeleteFile( dir+'filemove.ini');

goto Again;

end else

begin //legge i dati dal file ini

myIni:=Tinifile.Create(dir+'filemove.ini');

extP:=MyIni.ReadString('extension','ext','');

sourceP:=MyIni.ReadString('paths','source','C:\');

sourceP:=sourceP+'\';

targetP:=MyIni.ReadString('paths','target','');

targetP:=targetP+'\';

cnt:=0;

if findfirst(sourceP+'\*.'+extP,faAnyFile,sr)=0 then

begin

repeat

cnt:=cnt+1;

SS:=sourceP+sr.Name+#0; //inizio conversione in Pchar per uso

//in una API call

s:=@SS[1];

TT:=targetP+sr.Name+#0;

t:=@TT[1];

return:=Movefile(s,t); //API

err:=syserrormessage(getlasterror);

if return= False then

begin

showmessage('Run Error : '+err);

Break;

end;

until Findnext(sr)<>0;

FindClose(sr);

Form1.Visible:=True;

label2.Visible:=True;

Label2.Caption:=inttostr(cnt)+' files moved';

Button4.Visible:=True

end else

label1.Visible:=true;

Label1.Caption:='No Files with extension '+extP;

button4.visible:=True;

end;

end;

end;

Procedure TForm1.WriteIni(Sender: TObject);

begin

myini:=Tinifile.Create(dir+'filemove.ini');

myini.WriteString('extension','ext',edit1.text);

myini.WriteString('paths','source',edit2.text);

myini.WriteString('paths','target',edit3.text);

myini.Free;

label1.Visible:=False;

edit1.Visible:=False;

label2.Visible:=False;

edit2.Visible:=False;

label3.Visible:=False;

edit3.Visible:=False;

Button1.Visible:=False;

Button2.Visible:=False;

Button3.Visible:=False;

Button4.Visible:=False;

Form1.Visible:=False;

formcreate(Sender); //per riportare il processo all'inizio dopo la

//scrittura del ini file

end;

Procedure TForm1.Button1Click(Sender:TObject);

var

Dir2: string;

begin

Dir2:='C:\';

if selectdirectory(Dir2,[sdAllowCreate, sdPerformCreate, sdPrompt],0) then

edit2.Text:=Dir2

else

ShowMessage('You did not select a folder');

end;

Procedure TForm1.Button3Click(Sender:TObject);

var

Dir3: string;

begin

Dir3:='C:\';

if selectdirectory(Dir3,[sdAllowCreate, sdPerformCreate, sdPrompt],0) then

edit3.Text:=Dir3

else

ShowMessage('You did not select a folder');

end;

procedure TForm1.Button4Click(Sender: TObject);

begin

Form1.Close;

Application.Terminate;

end;

Procedure TForm1.Button2Click(Sender:TObject);

begin

WriteIni(Sender);

end;

end.