

二级DELPHI控件:文件_流的加密解密方法计算机二级考试

PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/565/2021_2022__E4_BA_8C_E7_BA_A7DELP_c97_565707.htm

2009年下半年全国计算机等级考试你准备好了没?考计算机等级考试的朋友,2009年下半年全国计算机等级考试时间是2009年9月19日至23日。更多优质资料尽在百考试题论坛 百考试题在线题库

```
unit uCompress.  
interface uses Windows, Messages, SysUtils, Variants, Classes,  
ComCtrls, Dialogs. // 压缩/解压文件
```

```
procedure CompressFile(Source, Target: String). stdcall.
```

```
procedure DecompressFile(Source, Target: String). stdcall. // 压缩/解压文件
```

```
到流 procedure CompressToStream(FileName: String. Stream:  
TStream). stdcall.
```

```
procedure DecompressToStream(FileName:  
String. Stream: TStream). stdcall. // 压缩/解压流
```

```
procedure CompressStream(InStream, OutStream: TStream). stdcall.
```

```
procedure DecompressStream(InStream, OutStream: TStream).  
stdcall. implementation uses ZLib.
```

```
const COMPRESS_ERROR = ' 压缩文件时出现内部错误: ' .  
DECOMPRESS_ERROR = ' 解压文件时出现内部错误: ' .  
COMPRESS_STRM_ERROR = ' 压缩流时出现内部错误: ' .  
DECOMPRESS_STRM_ERROR = ' 解压流时出现内部错误: ' .  
BufSize = $4096. // 压缩文件
```

```
procedure CompressFile(Source, Target: String). var i: Integer. Buf:  
array[0..BufSize] of byte. ComStream: TCompressionStream.  
InStream, OutStream: TFileStream. begin if not FileExists(Source)  
then Exit. InStream := Nil. OutStream := nil. ComStream := nil. try  
// 生成流 InStream := TFileStream.Create(Source, fmOpenRead
```

```
OR fmShareDenyNone). OutStream := TFileStream.Create(Target,
fmCreate OR fmShareDenyWrite). ComStream :=
TCompressionStream.Create(clMax, OutStream). // 压缩流 for i :=
1 to (InStream.Size div BufSize) do begin InStream.ReadBuffer(Buf,
BufSize). ComStream.Write(Buf, BufSize). end. i := InStream.Size
mod BufSize. if (i <> 0) then ComStream.Free.
MessageDlg(COMPRESS_ERROR #10 E.Message, mtError,
[mbOk], 0). end. end. end. 100Test 下载频道开通，各类考试题目
直接下载。详细请访问 www.100test.com
```