

SECTION 4. Computer science, computer engineering and automation.

Alexandr Nikolayevich Shevtsov

candidate of technical Sciences, President of International Academy
International Academy of Theoretical & Applied Sciences, (USA, Sweden, Kazakhstan)
Shev_AlexXXXX@mail.ru

ADJUSTMENT LIBRARY WORD_TLB.DCU WHEN MIGRATING TO MICROSOFT OFFICE 2013

Abstract: The Work with the server actual Word for many software products. This article discusses the process of adjustment to the library Word_TLB.dcu to continue its use in the environment of the Word 2013.

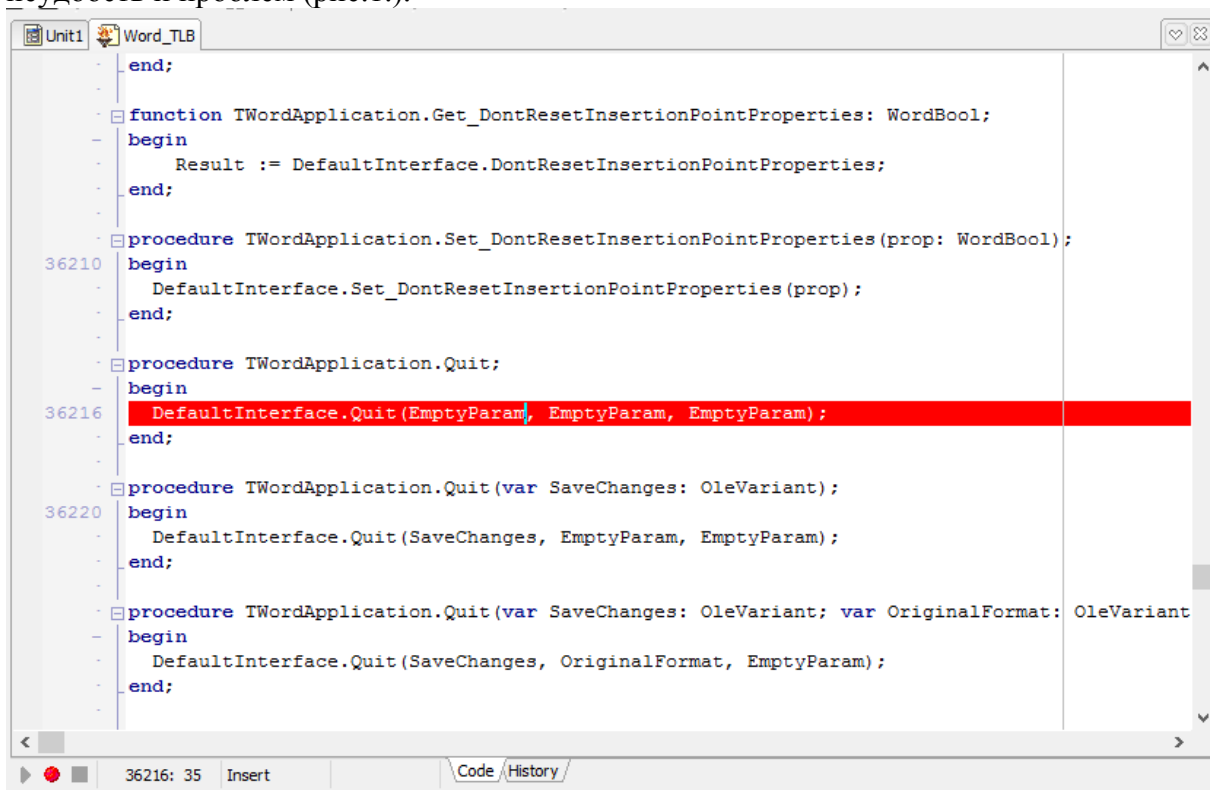
Key words: server, text editor, test, program, system, code analysis, the description, block diagram, listing.

КОРРЕКТИРОВКА БИБЛИОТЕКИ WORD_TLB.DCU ПРИ ПЕРЕХОДЕ НА MICROSOFT OFFICE 2013

Аннотация: Работа с сервером Word актуальна для очень многих программных продуктов. В данной статье рассматривается процесс корректировки библиотеки Word_TLB.dcu позволяющий продолжить ее использование в среде Word 2013.

Ключевые слова: сервер, текстовый редактор, тест, программа, система, код, анализ, описание, блок схема, листинг.

Процесс перехода на Microsoft Office 2013, для разработчика программного обеспечения реализующего работу с этим сервером [1-6], сопровождается рядом неудобств и проблем (рис.1).



```
Unit1 Word_TLB
end;

function TWordApplication.Get_DontResetInsertionPointProperties: WordBool;
begin
    Result := DefaultInterface.DontResetInsertionPointProperties;
end;

procedure TWordApplication.Set_DontResetInsertionPointProperties(prop: WordBool);
36210 begin
    DefaultInterface.Set_DontResetInsertionPointProperties(prop);
end;

procedure TWordApplication.Quit;
36216 begin
    DefaultInterface.Quit (EmptyParam, EmptyParam, EmptyParam);
end;

procedure TWordApplication.Quit(var SaveChanges: OleVariant);
36220 begin
    DefaultInterface.Quit (SaveChanges, EmptyParam, EmptyParam);
end;

procedure TWordApplication.Quit(var SaveChanges: OleVariant; var OriginalFormat: OleVariant);
begin
    DefaultInterface.Quit (SaveChanges, OriginalFormat, EmptyParam);
end;
```

Рисунок 1 – Ошибка компиляции.

Ошибка в работе наблюдается в этой процедуре:

```
procedure TWordApplication.Quit;
begin
  DefaultInterface.Quit(EmptyParam, EmptyParam, EmptyParam);
end;
```

с данным кодом ошибки:

[dcc32 Error] Word_TLB.pas(36221): E2033 Types of actual and formal var parameters must be identical

Ошибка возникает по причине того, что используемая по умолчанию переменная «**EmptyParam**» не описана.

Опишем ее следующим образом:

```
procedure TWordApplication.Quit;
var
  EmptyParam: OleVariant;
begin
  DefaultInterface.Quit(EmptyParam, EmptyParam, EmptyParam);
end;
```

Аналогичным образом внесем изменения также и в следующие процедуры:

- procedure TWordApplication.Quit(var SaveChanges: OleVariant);
- procedure TWordApplication.Quit(var SaveChanges: OleVariant; var OriginalFormat: OleVariant);
- procedure TWordApplication.PrintOutOld;
- procedure TWordApplication.PrintOutOld(var Background: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant);

- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant);
- procedure TWordApplication.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant);
- function TWordApplication.Repeat_: WordBool;
- function TWordApplication.Repeat_(var Times: OleVariant): WordBool;
- function TWordApplication.BuildKeyCode(Arg1: WdKey): Integer;
- function TWordApplication.BuildKeyCode(Arg1: WdKey; var Arg2: OleVariant): Integer;
- function TWordApplication.BuildKeyCode(Arg1: WdKey; var Arg2: OleVariant; var Arg3: OleVariant): Integer;
- function TWordApplication.KeyString(KeyCode: Integer): WideString;
- function TWordApplication.GetAddress: WideString;
- function TWordApplication.GetAddress(var Name: OleVariant): WideString;
- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant): WideString;
- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant; var UseAutoText: OleVariant): WideString;
- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant; var UseAutoText: OleVariant; var DisplaySelectDialog: OleVariant): WideString;
- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant; var UseAutoText: OleVariant; var DisplaySelectDialog: OleVariant; var SelectDialog: OleVariant): WideString;
- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant; var UseAutoText: OleVariant; var DisplaySelectDialog: OleVariant; var SelectDialog: OleVariant; var CheckNamesDialog: OleVariant): WideString;

- function TWordApplication.GetAddress(var Name: OleVariant; var AddressProperties: OleVariant; var UseAutoText: OleVariant; var DisplaySelectDialog: OleVariant; var SelectDialog: OleVariant; var CheckNamesDialog: OleVariant; var RecentAddressesChoice: OleVariant): WideString;
- function TWordApplication.CheckSpelling(const Word: WideString): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant; var CustomDictionary7: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant; var CustomDictionary7: OleVariant; var CustomDictionary8: OleVariant): WordBool;
- function TWordApplication.CheckSpelling(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant; var CustomDictionary7: OleVariant; var CustomDictionary8: OleVariant; var CustomDictionary9: OleVariant): WordBool;

-
- CustomDictionary7: OleVariant; var CustomDictionary8: OleVariant): SpellingSuggestions;
 - function TWordApplication.GetSpellingSuggestions(const Word: WideString; var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var MainDictionary: OleVariant; var SuggestionMode: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant; var CustomDictionary7: OleVariant; var CustomDictionary8: OleVariant; var CustomDictionary9: OleVariant): SpellingSuggestions;
 - procedure TWordApplication.OnTime(var When: OleVariant; const Name: WideString);
 - function TWordApplication.MountVolume(const Zone: WideString; const Server: WideString; const Volume: WideString): Smallint;
 - function TWordApplication.MountVolume(const Zone: WideString; const Server: WideString; const Volume: WideString; var User: OleVariant): Smallint;
 - function TWordApplication.MountVolume(const Zone: WideString; const Server: WideString; const Volume: WideString; var User: OleVariant; var UserPassword: OleVariant): Smallint;
 - function TWordApplication.PointsToPixels(Points: Single): Single;
 - function TWordApplication.PixelsToPoints(Pixels: Single): Single;
 - procedure TWordApplication.PrintOut2000;
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
-

- OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant);
- procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant);
 - procedure TWordApplication.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant; var PrintZoomPaperWidth: OleVariant);
 - function TWordApplication.Run(const MacroName: WideString): OleVariant;
 - function TWordApplication.Run(const MacroName: WideString; var varg1: OleVariant): OleVariant;
 - function TWordApplication.Run(const MacroName: WideString; var varg1: OleVariant; var varg2: OleVariant): OleVariant;
 - function TWordApplication.Run(const MacroName: WideString; var varg1: OleVariant; var varg2: OleVariant; var varg3: OleVariant): OleVariant;

- OleVariant; var varg27: OleVariant; var varg28: OleVariant; var varg29: OleVariant);
OleVariant;
- procedure TWordApplication.PrintOut;
 - procedure TWordApplication.PrintOut(var Background: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant);
 - procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant);

- procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant);
- procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant);procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant);
- procedure TWordApplication.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var FileName: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant; var PrintZoomPaperWidth: OleVariant);
- procedure TWordDocument.Close;
- procedure TWordDocument.Close(var SaveChanges: OleVariant);
- procedure TWordDocument.Close(var SaveChanges: OleVariant; var OriginalFormat: OleVariant);
- procedure TWordDocument.SaveAs2000;
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant);
- procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var

-
- AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var
 ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant);
 - procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat:
 OleVariant; var LockComments: OleVariant; var Password: OleVariant; var
 AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var
 ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var
 SaveNativePictureFormat: OleVariant);
 - procedure TWordDocument.SaveAs2000(var FileName: OleVariant; var FileFormat:
 OleVariant; var LockComments: OleVariant; var Password: OleVariant; var
 AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var
 ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var
 SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant);procedure
 TWordDocument.PrintOutOld;
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant;
 var Pages: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant;
 var Pages: OleVariant; var PageType: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant;
 var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant);
 - procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append:
 OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From:
 OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant;
 var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var
 Collate: OleVariant);

- procedure TWordDocument.PrintOutOld(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant);
- function TWordDocument.Range: WordRange;
- function TWordDocument.Range(var Start: OleVariant): WordRange;
- function TWordDocument.GoTo_: WordRange;
- function TWordDocument.GoTo_(var What: OleVariant): WordRange;
- function TWordDocument.GoTo_(var What: OleVariant; var Which: OleVariant): WordRange;
- function TWordDocument.GoTo_(var What: OleVariant; var Which: OleVariant; var Count: OleVariant): WordRange;
- function TWordDocument.Undo: WordBool;
- function TWordDocument.Redo: WordBool;
- function TWordDocument.ComputeStatistics(Statistic: WdStatistic): Integer;
- procedure TWordDocument.Protect2002(Type_: WdProtectionType);
- procedure TWordDocument.Protect2002(Type_: WdProtectionType; var NoReset: OleVariant);
- procedure TWordDocument.Unprotect;
- procedure TWordDocument.EditionOptions(Type_: WdEditionType; Option: WdEditionOption; const Name: WideString);
- procedure TWordDocument.RunLetterWizard;
- procedure TWordDocument.CheckSpelling;
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var CustomDictionary5: OleVariant; var CustomDictionary6: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant; var IgnoreUppercase: OleVariant; var AlwaysSuggest: OleVariant; var CustomDictionary2: OleVariant; var CustomDictionary3: OleVariant; var CustomDictionary4: OleVariant; var

- CustomDictionary5: OleVariant;var CustomDictionary6: OleVariant;var CustomDictionary7: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant;var IgnoreUppercase: OleVariant;var AlwaysSuggest: OleVariant;var CustomDictionary2: OleVariant;var CustomDictionary3: OleVariant;var CustomDictionary4: OleVariant;var CustomDictionary5: OleVariant;var CustomDictionary6: OleVariant;var CustomDictionary7: OleVariant;var CustomDictionary8: OleVariant);
- procedure TWordDocument.CheckSpelling(var CustomDictionary: OleVariant;var IgnoreUppercase: OleVariant;var AlwaysSuggest: OleVariant;var CustomDictionary2: OleVariant;var CustomDictionary3: OleVariant;var CustomDictionary4: OleVariant;var CustomDictionary5: OleVariant;var CustomDictionary6: OleVariant;var CustomDictionary7: OleVariant;var CustomDictionary8: OleVariant;var CustomDictionary9: OleVariant);
- procedure TWordDocument.FollowHyperlink;
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant);
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant; var SubAddress: OleVariant);var EmptyParam: OleVariant;
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant; var SubAddress: OleVariant; var NewWindow: OleVariant);
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant; var SubAddress: OleVariant; var NewWindow: OleVariant; var AddHistory: OleVariant);
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant; var SubAddress: OleVariant; var NewWindow: OleVariant; var AddHistory: OleVariant; var ExtraInfo: OleVariant);
- procedure TWordDocument.FollowHyperlink(var Address: OleVariant; var SubAddress: OleVariant; var NewWindow: OleVariant; var AddHistory: OleVariant; var ExtraInfo: OleVariant; var Method: OleVariant);
- function TWordDocument.AutoSummarize: WordRange;
- function TWordDocument.AutoSummarize(var Length: OleVariant): WordRange;
- function TWordDocument.AutoSummarize(var Length: OleVariant; var Mode: OleVariant): WordRange;
- procedure TWordDocument.RemoveNumbers;
- procedure TWordDocument.ConvertNumbersToText;
- function TWordDocument.CountNumberedItems: Integer;
- function TWordDocument.CountNumberedItems(var NumberType: OleVariant): Integer;
- procedure TWordDocument.SendMailer;
- procedure TWordDocument.SendMailer(var FileFormat: OleVariant);
- procedure TWordDocument.SendFax(const Address: WideString);
- function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer): WordLetterContent;
- function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle:

-
- WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant): WordLetterContent;
- function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant; var RecipientCode: OleVariant): WordLetterContent;
 - function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant; var RecipientCode: OleVariant; var RecipientGender: OleVariant): WordLetterContent;
 - function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant; var RecipientCode: OleVariant; var RecipientGender: OleVariant; var ReturnAddressShortForm: OleVariant): WordLetterContent;
 - function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing:
-

- ```

WideString; const SenderCompany: WideString; const SenderJobTitle: WideString;
const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant;
var RecipientCode: OleVariant; var RecipientGender: OleVariant; var
ReturnAddressShortForm: OleVariant; var SenderCity: OleVariant);
WordLetterContent;

```
- function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant; var RecipientCode: OleVariant; var RecipientGender: OleVariant; var ReturnAddressShortForm: OleVariant; var SenderCity: OleVariant; var SenderCode: OleVariant): WordLetterContent;
  - function TWordDocument.CreateLetterContent(const DateFormat: WideString; IncludeHeaderFooter: WordBool; const PageDesign: WideString; LetterStyle: WdLetterStyle; Letterhead: WordBool; LetterheadLocation: WdLetterheadLocation; LetterheadSize: Single; const RecipientName: WideString; const RecipientAddress: WideString; const Salutation: WideString; SalutationType: WdSalutationType; const RecipientReference: WideString; const MailingInstructions: WideString; const AttentionLine: WideString; const Subject: WideString; const CCList: WideString; const ReturnAddress: WideString; const SenderName: WideString; const Closing: WideString; const SenderCompany: WideString; const SenderJobTitle: WideString; const SenderInitials: WideString; EnclosureNumber: Integer; var InfoBlock: OleVariant; var RecipientCode: OleVariant; var RecipientGender: OleVariant; var ReturnAddressShortForm: OleVariant; var SenderCity: OleVariant; var SenderCode: OleVariant; var SenderGender: OleVariant): WordLetterContent;
  - procedure TWordDocument.PrintOut2000;
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant);
  - procedure TWordDocument.PrintOut2000(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant);





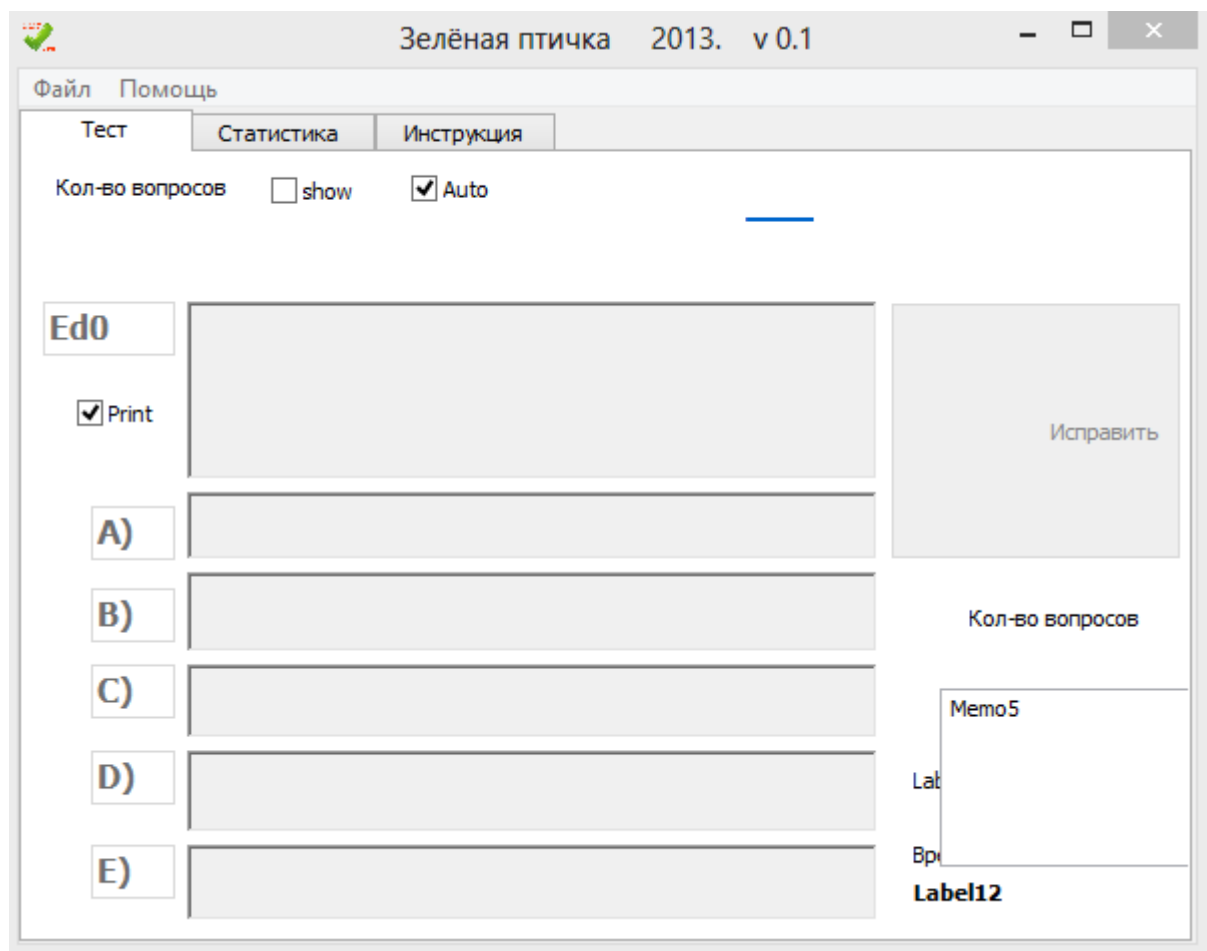
- ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant; var PrintZoomPaperWidth: OleVariant);
- procedure TWordDocument.PrintOut;
  - procedure TWordDocument.PrintOut(var Background: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant);
  - procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant);

- procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant);
- procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant);
- procedure TWordDocument.PrintOut(var Background: OleVariant; var Append: OleVariant; var Range: OleVariant; var OutputFileName: OleVariant; var From: OleVariant; var To\_: OleVariant; var Item: OleVariant; var Copies: OleVariant; var Pages: OleVariant; var PageType: OleVariant; var PrintToFile: OleVariant; var Collate: OleVariant; var ActivePrinterMacGX: OleVariant; var ManualDuplexPrint: OleVariant; var PrintZoomColumn: OleVariant; var PrintZoomRow: OleVariant; var PrintZoomPaperWidth: OleVariant);
- procedure TWordDocument.Compare2002(const Name: WideString);
- procedure TWordDocument.Compare2002(const Name: WideString; var AuthorName: OleVariant);
- procedure TWordDocument.Compare2002(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant);
- procedure TWordDocument.Compare2002(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant);
- procedure TWordDocument.Compare2002(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant; var IgnoreAllComparisonWarnings: OleVariant);
- procedure TWordDocument.Merge(const FileName: WideString);
- procedure TWordDocument.Merge(const FileName: WideString; var MergeTarget: OleVariant);
- procedure TWordDocument.Merge(const FileName: WideString; var MergeTarget: OleVariant);
- procedure TWordDocument.Merge(const FileName: WideString; var MergeTarget: OleVariant; var DetectFormatChanges: OleVariant);
- procedure TWordDocument.Merge(const FileName: WideString; var MergeTarget: OleVariant; var DetectFormatChanges: OleVariant; var UseFormattingFrom: OleVariant);
- procedure TWordDocument.SendForReview;
- procedure TWordDocument.SendForReview(var Recipients: OleVariant);
- procedure TWordDocument.SendForReview(var Recipients: OleVariant; var Subject: OleVariant);
- procedure TWordDocument.SendForReview(var Recipients: OleVariant; var Subject: OleVariant; var ShowMessage: OleVariant);
- procedure TWordDocument.ReplyWithChanges;
- procedure TWordDocument.SetPasswordEncryptionOptions(const PasswordEncryptionProvider: WideString; const PasswordEncryptionAlgorithm: WideString; PasswordEncryptionKeyLength: Integer);
- procedure TWordDocument.SaveAs;

- procedure TWordDocument.SaveAs(var FileName: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: OleVariant; var Encoding: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: OleVariant; var Encoding: OleVariant; var InsertLineBreaks: OleVariant);

- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: OleVariant; var Encoding: OleVariant; var InsertLineBreaks: OleVariant; var AllowSubstitutions: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: OleVariant; var Encoding: OleVariant; var InsertLineBreaks: OleVariant; var AllowSubstitutions: OleVariant; var LineEnding: OleVariant);
- procedure TWordDocument.SaveAs(var FileName: OleVariant; var FileFormat: OleVariant; var LockComments: OleVariant; var Password: OleVariant; var AddToRecentFiles: OleVariant; var WritePassword: OleVariant; var ReadOnlyRecommended: OleVariant; var EmbedTrueTypeFonts: OleVariant; var SaveNativePictureFormat: OleVariant; var SaveFormsData: OleVariant; var SaveAsAOCELetter: procedure TWordDocument.SendFaxOverInternet;
- procedure TWordDocument.SendFaxOverInternet(var Recipients: OleVariant);
- procedure TWordDocument.SendFaxOverInternet(var Recipients: OleVariant; var Subject: OleVariant);
- procedure TWordDocument.Protect(Type\_: WdProtectionType);
- procedure TWordDocument.Protect(Type\_: WdProtectionType; var NoReset: OleVariant);
- procedure TWordDocument.Protect(Type\_: WdProtectionType; var NoReset: OleVariant; var Password: OleVariant);
- procedure TWordDocument.Protect(Type\_: WdProtectionType; var NoReset: OleVariant; var Password: OleVariant; var UseIRM: OleVariant);
- procedure TWordDocument.SelectAllEditableRanges;
- procedure TWordDocument.DeleteAllEditableRanges;
- procedure TWordDocument.Compare(const Name: WideString);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant; var IgnoreAllComparisonWarnings: OleVariant);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant; var IgnoreAllComparisonWarnings: OleVariant; var AddToRecentFiles: OleVariant);
- procedure TWordDocument.Compare(const Name: WideString; var AuthorName: OleVariant; var CompareTarget: OleVariant; var DetectFormatChanges: OleVariant; var IgnoreAllComparisonWarnings: OleVariant; var AddToRecentFiles: OleVariant; var RemovePersonalInformation: OleVariant);
- procedure TWordDocument.ExportAsFixedFormat(const OutputFileName: WideString; ExportFormat: WdExportFormat; OpenAfterExport: WordBool; OptimizeFor:

WdExportOptimizeFor; Range: WdExportRange; From: Integer; To\_: Integer; Item:  
 WdExportItem; IncludeDocProps: WordBool; KeepIRM: WordBool;  
 CreateBookmarks: WdExportCreateBookmarks; DocStructureTags: WordBool;  
 BitmapMissingFonts: WordBool; UseISO19005\_1: WordBool);



**Рисунок 2 – Отсутствие ошибок компиляции *Word\_TLB.dcu*.**

Следует отметить, что при отключении *Word\_TLB.dcu* в разделе Uses, программа работает и без этой библиотеки, но при этом придется выключить процедуру смещения:

```
WordApp1.Selection.EndKey(wdStory,EmptyParam); (1)
```

Также была замечена ошибка выхода из таблицы при подаче команды (1). Смещение курсора не происходило, вместо этого он оставался в клетке [1,1] таблицы.

### References:

1. Шевцов А.Н., Шырынханова Д.Ж. Разработка алгоритмов и приложения компонентной модели для анализа и исправления ошибок экзаменационного теста. Theoretical & Applied Science. «Development of Applied Mathematics», ISPC, 30.05.2013, Taraz, Kazakhstan. - №5, 2013. -p.77-83. [Электронный ресурс] URL: <http://elibrary.ru/item.asp?id=20357857> (дата доступа 28.04.2014)



2. Шевцов А.Н., Смайлова У.М., Шырынханова Д.Ж. Некоторые алгоритмы предварительной обработки теста. Theoretical & Applied Science. «Results & Perspectives», ISPC, 30.09.2013, Florence, Italy. - №9, 2013. -р.51-58. [Электронный ресурс] URL: <http://elibrary.ru/item.asp?id=20362250> (дата доступа 28.04.2014)
3. Ошибка при компиляции: Could not create output file 'Unit2.dcu' / Delphi для начинающих [Электронный ресурс] URL: <http://www.cyberforum.ru/delphi-beginners/thread862975.html> (дата доступа 16.04.2014)
4. Delphi и OLE Automation с Word [Электронный ресурс] URL: [http://delphiworld.narod.ru/base/delphi\\_and\\_word\\_ole\\_automation.html](http://delphiworld.narod.ru/base/delphi_and_word_ole_automation.html) (дата доступа 16.04.2014)
5. Тенцер А. Создание модулей расширения Microsoft Office [Электронный ресурс] URL: <http://www.infocity.kiev.ua/prog/delphi/content/delphi087.phtml> (дата доступа 16.04.2014)
6. Советы по Delphi. Версия 1.4.3 от 1.1.2001 (fb2) [Электронный ресурс] URL: <http://coollib.com/b/121413/read> (дата доступа 16.04.2014)
7. 500+ FAQ по Delphi [Электронный ресурс] URL: [http://develab.narod.ru/delphi\\_faq/01.htm](http://develab.narod.ru/delphi_faq/01.htm) (дата доступа 16.04.2014)
8. Управление приложениями пакета MS Office. Управление MS Word. [Электронный ресурс] URL: [http://win-ni.ru/db/lab8\\_1.html](http://win-ni.ru/db/lab8_1.html) (дата доступа 16.04.2014)
9. Тестирование [Электронный ресурс] URL: <http://www.helloworld.ru/texts/comp/lang/delphi/delphi4/test.htm> (дата доступа 28.04.2014)
10. Уроки Delphi / Система проверки знаний. (оболочка теста на Delphi) [Электронный ресурс] URL: <http://delphicomponent.ru/131-uroki-delphi-sistema-proverki-znaniy-obolochka-testa-na-delphi.html> (дата доступа 28.04.2014)