

# Ek RTF Report for .Net, compiled in C#

## Version 5.00

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### 1. COMPONENT DESCRIPTION

EK RTF reports are non-visual components which allow using all power of MS Word or other rtf-compatible editor to create, preview, edit and print your reports.

How to make it working:

Design time:

- create report template in any text processor
- save it in RTF format
- place EkRtf component on a form
- set InFile (input rtf template) property

Run time:

- prepare data in your application, create variables if necessary
- run report using one of Execute or ExecuteOpen methods
- run MS Word (or other editor) if you want to view, edit or print your document

See more details in documentation "creating report template" section.

### 2. HISTORY

Version 5 of the library is an evolutionary development of the previous version 3.xx, which incorporates various fixes that prevent memory leaks and improve performance. At the same time, the library has significantly improved the procedure for merging two fragments of RTF text, which is called from the report using the `frtf ()` function. In this version, it is possible to process numbered lists as lists, and not as plain text. The control of the processing algorithm is specified through new options:

- eoProcessLists – option for frtf() function. If true, numbered list are inserted as lists, if false, numbered lists inserted as plain text;
- eoUniqueLists – option for frtf() function. Works together with eoProcessLists set to true. If set to false – the numbering of each next list continues from the number at which the previous list ended. If set to true – each new list start with number 1.

Library of the version 3.15 is the next step after .Net version of 2006 year.

Compatibility with previous version of components: if you use previous version EkRTF\_VS.dll and want to migrate to the new component, change reference EkRTF\_VS.dll to EkRTF\_ClassLibrary.dll in your project, and change in your code namespace EkRtfFunc to EkFunc.

It has the same functionality as Delphi components version 3.15 for Win32.

The component code is compiled in Visual Studio C#.

Target platform is .Net v. 2.0. It may be used in projects for .Net 2.0 and higher.

Differences comparing to Delphi version are:

- 1) Binding data with report. New property ReportData is used to attach data to the report template ;
- 2) Report variable methods AsDate AsDateTime work with .Net System.DateTime type instead of Delphi's TDateTime;
- 3) All images in this version are inserted as hexadecimal code instead of binary. Scale of image is computed basing on real image size and resolution. It may not coincide with the scale that Word shows in image properties;
- 4) No variables available at design time;
- 5) EkUDF class - property FunctionName is now used instead of Name for user defined functions;
- 6) User functions with udfImage result type expects that new UDFResult object will be created in function code;
- 7) Fdtm() format function works with .Net "Custom DateTime Format Strings" instead of Borland format strings;
- 8) New designer for user defined function;

### 3. LICENSE

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## 4. INSTALLATION

Install the library in Visual Studio as described in **ReadMe\_Install\_Eng.pdf** document.  
If you have installed the old versions 4.xx of component for Visual Studio, first remove it.

## 5. TROUBLESHOOTING

Before running demo projects, check that you have application associated with doc and rtf files. Otherwise output files will be saved on disk, but will not open automatically.

## 6. CONTACT INFORMATION

if you have any questions, comments or suggestions email to [support@code.net.ru](mailto:support@code.net.ru)  
See the latest version of Ek RTF Report on component home page at <http://ekrtf.code.net.ru>