

Excel Report Builder

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Introduction

Excel Report Builder is an easy to use Microsoft Excel-based reporting tool for your database applications. You can use MS Excel for creation and editing of various styles of sophisticated reports (form, columnar).

It is necessary to have IDAPI (BDE) of Inprise Corporation (version 4.0-4.5), Excel 7.0 - 8.0 and Windows 95 installed on your computer. Excel Report Builder is copyright Vista (1997 - 1999).

Excel Report Builder allows to create reports of the following types:

1. *Form Report (for example agreement, notice, reference).*
2. *Columnar Report*

Excel Report Runtime (put_rep1.exe) - program for outswapping data in prepared Excel-forms.

Excel Report Builder works with Paradox and DBF - tables, and also with any SQL - databases through BDE 4.0 -4.5.

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Installation and start of Excel Report Builder

For installation of the program:

- a) Unzip excelrep.zip.
- b) Run setup.exe .

Starting Excel Report Builder

Do one of the following:

- Click the *Excel Report Builder* icon in the Windows .
- Choose *Excel Report Builder* from the Windows

On the screen the picture - see figure 1 will appear.

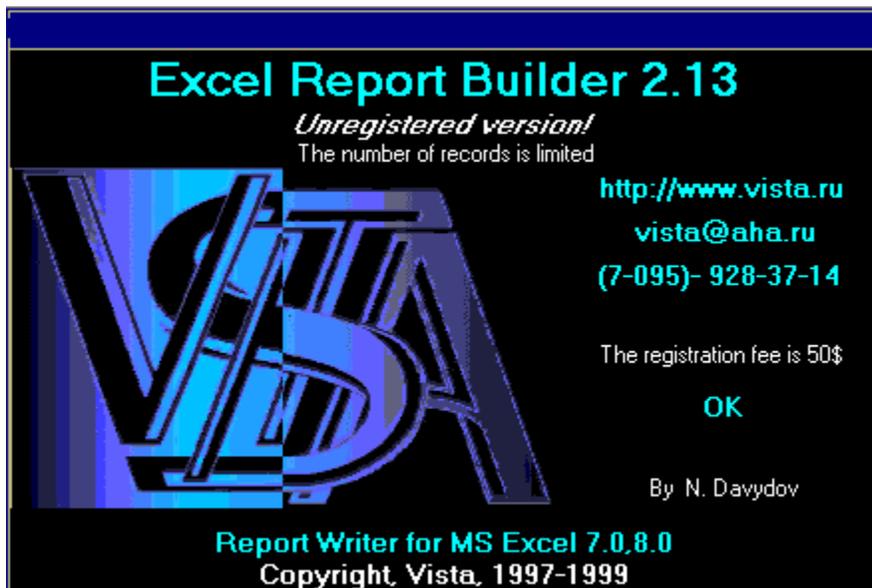


Fig. 1 Picture to the program Excel Report Builder

In some seconds the picture will be automatically removed from the screen and instead of it the working window of the program - **fig. 2** will be displayed.

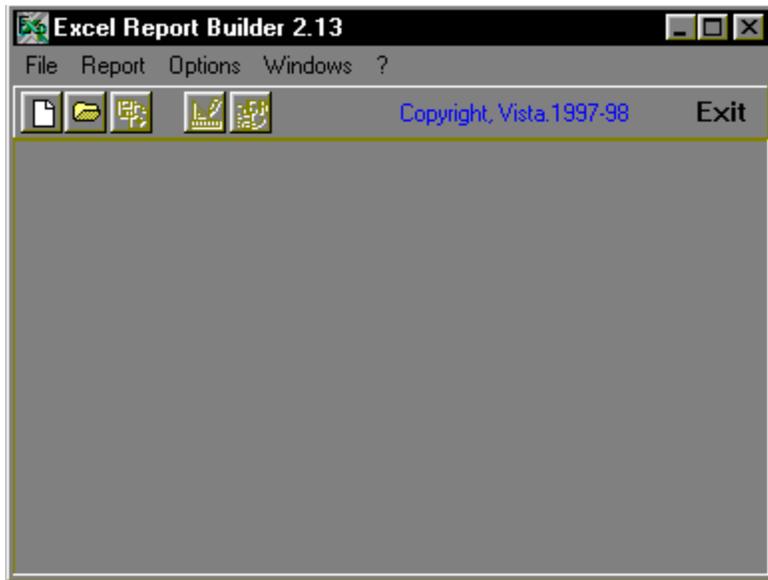


Fig. 2. The working window of the program.

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Function of the program Excel Report Builder

The program contains the main menu and panel of keys of fast call of functions.

The menu **File** is contained the following submenu:

New creation of the new report
Open... opening of the created report
Close closing of active window of the report
Save saving of the report
Save as... saving of the report under other name

The name of the last 4 reports, with which the user worked

Exit exit from the program



Submenu **New**, **Open** and **Save** are duplicated by first three functional keys located on the panel of keys of fast call of functions.

The menu Report is contained the following submenu:

Blank Builder call EXCEL for the form of the report
Generate Report call of the program Generate Report for outswapping data in the generated form of the report



Submenu **Blank Builder** and **Generate Report** are duplicated by fourth and fifth by functional keys located on the panel of keys of fast call of functions.

The menu **Options** is contained submenu:

Show prepared report installation of the parameter of operation of the program Generate Report

If the given parameter is selected, Excel will be displayed during creation of the report. Otherwise Excel will be displayed after creation of the report.

The menu **Windows** is contained submenu:

Cascade
Tile Horizontal
Tile Vertical
Arrange

Layout of open windows in the form
Name of open windows

The menu **"? "**

The submenu contains:

About call of a picture to the program Excel Report Builder (fig. 1)

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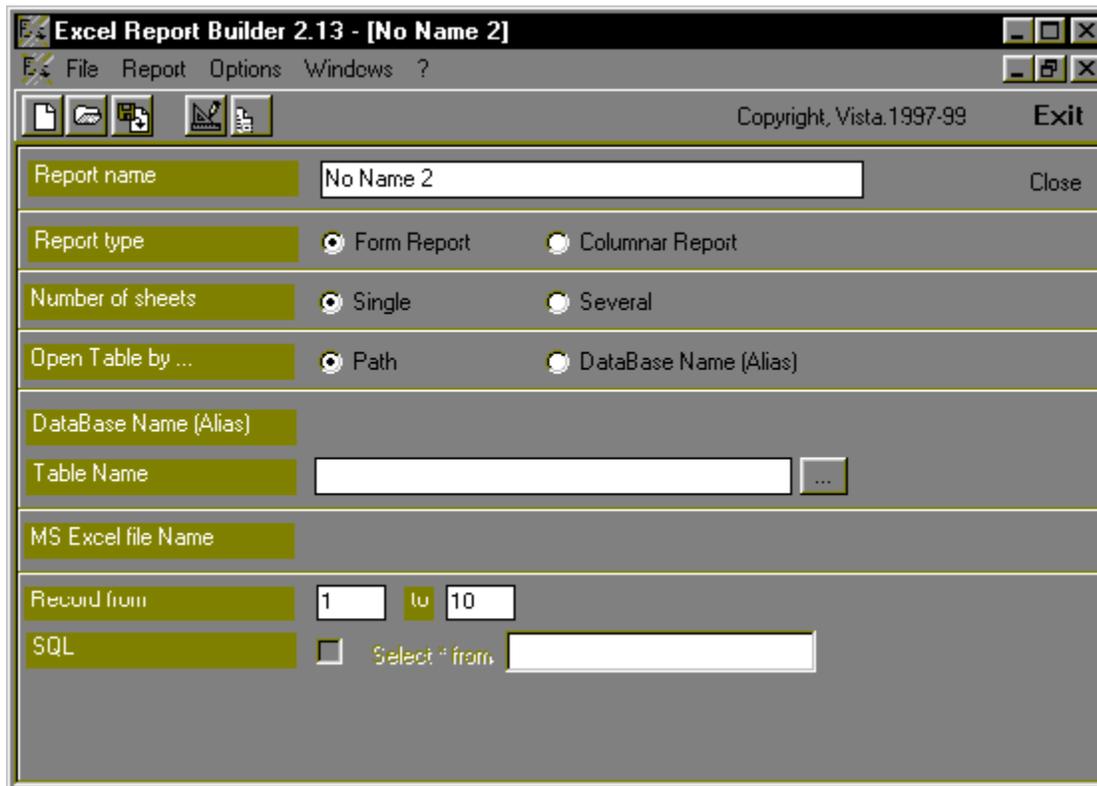
The definition of the report parameters

For creation of the new report execute the function **New** the menu **File**. On the screen the clean form of the essential elements of the report (**fig. 3**) will be displayed.

The first field **Report name** contains the name of the report.

The option buttons joined under the common name **Report type**, allow to create the report or **as the form** (Form Report), or **as the table** (Columnar Report).

The option buttons joined under the common name **Number of sheets**, allow to display each form of the report on a separate page (**Several**), or on one page (**Single**) - one on one with installation of separators of pages.



The screenshot shows the 'Excel Report Builder 2.13 - [No Name 2]' dialog box. It has a menu bar with 'File', 'Report', 'Options', and 'Windows'. Below the menu bar is a toolbar with icons for file operations and a 'Close' button. The main area contains several sections:

- Report name:** A text box containing 'No Name 2' and a 'Close' button.
- Report type:** Two radio buttons: 'Form Report' (selected) and 'Columnar Report'.
- Number of sheets:** Two radio buttons: 'Single' (selected) and 'Several'.
- Open Table by ...:** Two radio buttons: 'Path' (selected) and 'DataBase Name (Alias)'.
- DataBase Name (Alias):** A section with a 'Table Name' text box and a '...' button.
- MS Excel file Name:** A section with a text box.
- Record from:** Two text boxes containing '1' and '10' with a 'to' label between them.
- SQL:** A checkbox labeled 'Select * from:' followed by a text box.

Fig. 3 Forms of the definition of the essential elements of the report.

The option buttons joined under the common name **Open Table by ...**, allow to select the database source with use **full paths** (Path) or **Alias** (database name)

Open Table by full path

Use a key **...** for a choice of the database

At pressing this key the standard dialog box will be called. Use this window for a choice of the database source.

Open Table by Alias Option

The form of the report parameters will look like, represented on a **figure 4**.

Now instead of a key **...** and the fields of input of the name of the file will be displayed two lists of a choice

- Select registered Alias;

- Select of the name of the file of the database on indicated Alias.

After filling all fields of the form it is necessary to save the report (file of the report will be displayed full has the extension ***.rp**).

It is in addition possible to set parameters of data processing:

- Range of records;
- SQL query.

The screenshot shows the 'Excel Report Builder 2.13' application window. The title bar reads 'Excel Report Builder 2.13 - [No Name 2]'. The menu bar contains 'File', 'Report', 'Options', and 'Windows'. The toolbar includes icons for file operations and report generation. The main form has several sections: 'Report name' with a text box containing 'No Name 2' and a 'Close' button; 'Report type' with radio buttons for 'Form Report' (selected) and 'Columnar Report'; 'Number of sheets' with radio buttons for 'Single' (selected) and 'Several'; 'Open Table by ...' with radio buttons for 'Path' and 'DataBase Name (Alias)' (selected); 'DataBase Name (Alias)' and 'Table Name' with dropdown menus; 'MS Excel file Name' with a text box; 'Record from' with input boxes for '1' and '10' separated by 'to'; and 'SQL' with a checkbox and a text box for a query.

Fig. 4 forms of the essential elements of the report

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Operations after the definition of parameters

After saving the report parameters it is possible to begin creation of Excel-form of the report. For this purpose it is necessary to execute the function **Blank Builder** the menu **Report**.

If the source file of the database is correctly indicated and the form of the report is saved, at call of this function will boot Excel and on it a background the list of fields of the source database will appear. At call to a unit of the list the **"Insert" dialog box - figure 5** will be displayed.

For an insert of a field in - the form specify, with the help of the Mouse, spot of a page Excel and name of a field from the list of fields **" Insert Field "** databases. After keystroke **Insert field** of the **"Insert"** dialog box in Excel - the form the selected field will be inserted.

Using all functional tools and tools of formatting of the application Excel, create the form - template, in which, in further, the data will be swapped.

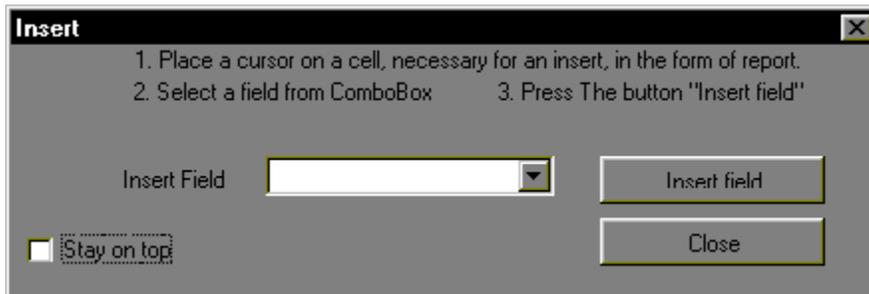


Fig. 5 Dialog box of an insert of fields in the form.

Upon termination of creation of the form press a key **Close** of the **"Insert"** dialog box. In a top of the form **"Insert"** will be displayed (**fig. 6**) prospective sizes of the form.

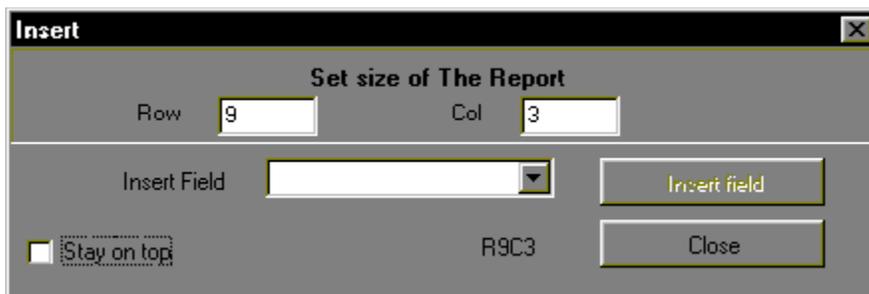


Fig. 6. Setting of the sizes of the form.

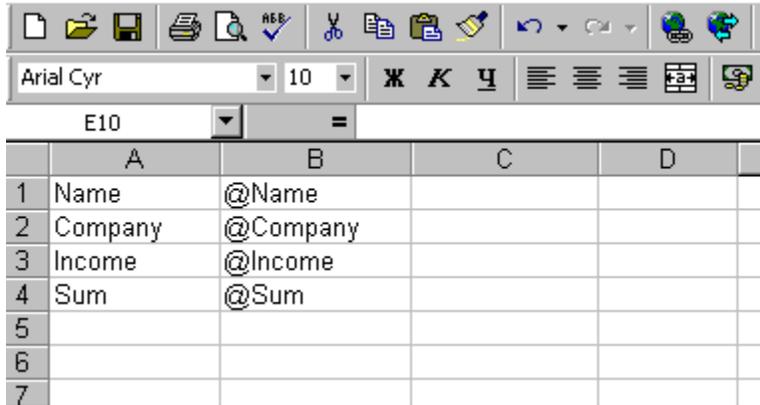
In this case offered sizes of the form - 9 lines and 3 of a column. The sizes of the form are easy for measuring, having specified in fields of input **Row** and **Col** required. The keystroke **Close** will result in termination the process of creation of the form. The if necessary given form can be corrected later.

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Report Examples

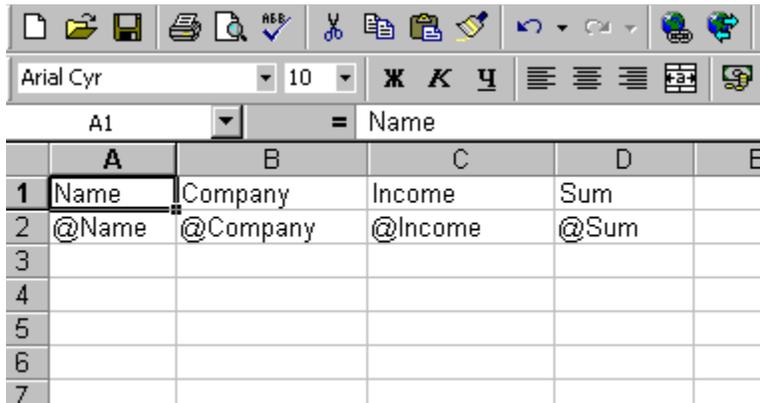
Form Report



	A	B	C	D
1	Name	@Name		
2	Company	@Company		
3	Income	@Income		
4	Sum	@Sum		
5				
6				
7				

Where **@Name** , **@Company** , **@Income** ... - names of an inserted field.

Columnar Report



	A	B	C	D	E
1	Name	Company	Income	Sum	
2	@Name	@Company	@Income	@Sum	
3					
4					
5					
6					
7					

Where **@Name** , **@Company** , **@Income** ... - names of an inserted field.

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Creating reports

Command line mode

To create a report type the command:

put_rep1.exe C:\BVISTA\NAME.RP

Where C:\BVISTA\NAME.RP is the full path name and name of the file of parameters created with the help of the program Excel Report Builder.

The report will be generated according to parameters indicated in **NAME.RP**.

If the output file for the report already exists, the new report will be added to the end of the existing one. After termination a message on completion of creation of the report will be displayed.

Interactive mode

To operate the program in interactive mode start the Excel Report Builder program. In the "File" menu select the item "Open" and then select the file with the extension RP you want (For Example NAME.RP). This can be made by pressing the button: .

After loading the parameters of the report, select the item "Generate report" in the "Report" menu or press the button ... The report will be generated according to parameters indicated in the RP - file. (The **put_rep1.exe** program will be called automatically). After termination a message on completion of creation of the report will be displayed. After that it is possible to load another parameters and to generate a new report or to terminate operation of the program.

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About Vista



<http://www.vista.ru>

The Vista team is made up of highly skilled mathematicians, systems analysts and programmers who, having worked in a wide variety of financial institutions, have an unsurpassed depth of knowledge of the Russian economy and its procedures.

We combine this experience with the latest technology in order to bring you the best possible tools with which to analyse and participate in the Russian and other markets.

We invest heavily in market research and systems development in order to allow our developers to pro-actively respond to the needs of the marketplace and our clients in a rapidly changing environment.

The Vista company has pioneered the development of high-tech analytical systems with a solid theoretical base in modern investment theory for financial institutions, banks and others and is a market leader in this sector.

Vista is currently undertaking the development of a major project for the largest Russian non-State pension fund company. As well as this prestige project, we also work closely with the PRIME-TASS news agency in the development of information systems for commercial banks, insurance and financial investment companies.

Vista is committed to providing value for money services for the custom development of software and hardware solutions in your business. We specialise in the automation and computerisation of accounting systems and other complex financial and investment software. We have already designed, developed and installed systems for computerising 80 private pension fund management systems (which corresponds to over 1000 sites). We are also involved in providing support for specialised hardware devices utilised in the financial services industry.

Our favoured development environments are C++ and Delphi. We endeavour to provide a high quality service at a reasonable price.

Please do not hesitate to request a quotation for any special need which you may have - You will be pleasantly surprised by our terms. We especially aim for long-term and mutually advantageous commercial relationships with our client companies.

To familiarise yourself further with our company and our products,
please visit our web site at <http://www.vista.ru>.
Email: vista@aha.ru

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Excel Report Builder Registration

Excel Report Builder is shareware.
The Registration fee is \$50 USD.

In order to obtain a completely functional program, you must register it and pay the fee.

ONLINE REGISTRATION via a SECURE SERVER with a credit card.
Simply go to our web page <http://www.vista.ru/Regform4.htm>,
and follow the easy steps there utilizing our secure server.

TOLL FREE Voice and Fax Ordering Systems are alternatives
to registering software ONLINE.

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by FAX at 770-497-9234 and you need to know the Product
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Custom Development

Vista Custom Development Department.

Since 1993, Vista has provided custom software development services for businesses engaged in a variety of industries including banking, finance, investment, manufacturing, education, advertising, research, and telecommunications.

Our objective is to provide the very best in software technology, service and support. We are a group of highly skilled professionals providing consulting services through a number of targeted divisions.

Vista has the talent and resources to produce comprehensive applications embodying client/server techniques across a range of technologies to support your business objectives. Vista is uniquely positioned to cover the entire solution development cycle, from creating a simple custom application to providing project management services for large-scale development efforts.

We have extensive experience with the entire development life cycle including:

- Process Analysis*
- Requirements Definition*
- Project Planning*
- Technology Assessment*
- System Analysis and Design*
- Rapid Prototyping*
- Application Development*
- Application Support*

Our expertise in the development of custom applications stems from our comprehensive understanding of a wide range of advanced technologies, our diversified programming skills and our exceptional software engineering capabilities.

To stay competitive, you're constantly searching for better ways to orchestrate the flow of information. We can get the people in your company working together like never before. Not by just adding more computers, necessarily, but by helping realign your information systems with your organizations goals and objectives. You will then have the ability and flexibility to react quickly to changing conditions and customer demands.

The Vista provides the highest possible value for the client, plus a fulfilling career and positive environment for our team members.

Because we believe that the quality of product deliverables is directly correlated to the way the development project is managed, we've built a project management team exceptionally skilled at optimizing productivity.

Vista has experience in the design, development, and implementation of database-oriented applications ranging from standalone single-CPU packages to networked client/server designs crossing multiple operating system platforms. Vista programmers use the latest tools and techniques in database applications design and are fluent in all current development environments, such as Delphi, C++ and Java.

At the conclusion of the development cycle and prior to delivery of your product, bug finding and fixing rather than development become the primary focus. After the creative process of finding development solutions and after your application has been appropriately coded, it is tested, debugged, tested some more, then tested again.

Our team environment flattens the learning curve; we share knowledge and experience to help each other become as productive as possible. In return, the client gets the highest level of skills for the services they require.

Why outsource development?

Improve your business processes and boost productivity.

Introduce an otherwise unavailable depth of expertise by hiring a company, not just a programmer. Our team of professionals is not only thoroughly trained in Client/server technologies, but they also have the business experience to help you completely re-engineer your business processes.

Generate revenue by marketing your branded applications.

Key Benefits of a Custom System

- Software & Systems Customized exactly to your specification.
- Ability to add or change software and systems when your business needs change.
- Since we designed systems around your business, your learning curve will be smaller.

Why choose Vista to develop your software solution?

Vista has developed a comprehensive and proven method for designing, developing, and delivering systems that capitalize on new technologies. The result is a uniquely integrated effort that provides maximum use of resources.

Vista employs superior project management and establishes a quality assurance program incorporating predetermined reviews throughout the life of the project. We focus on customer requirements and correctly translating those requirements to system architects.

Vista has extensive experience producing profoundly effective results in Client/Server solutions, data conversions, workflow automation, programming, system integration, project management, documentation, and training.

Contact our Custom Development Department with information about your custom development needs.

Vista Affiliate Program

Earn cash by linking to Vista Products!

Vista is now offering an affiliate sales program. Here is how it works.

If you have a website, you link to us as an affiliate. Users clicking the link from your site have the option to buy or try Vista Products. If they buy immediately, or buy later, you can earn 30% of the sale. Our early affiliates are seeing very good results, so sign up now.

1) The first step is to visit <http://www.vista.ru/affiliat.htm> and learn about being an affiliate.

2) Add the following programs:

Shareware	Product ID
FTP Navigator.	10610
Word Report Builder	7069
Excel Report Builder	8189
Word Report Components	8188
HTML , TXT Analyzer	10612

3) Once you signup to create your affiliate account, visit

<http://www.sellshareware.com/AffiliateProgramPage.asp?ProgramID=10610>

This page will point give you the image and link instructions needed to start right away. For each FTP Navigator purchase you help generate, you'll get 30%.

If you have any questions, let us know at vista@aha.ru

