Delphi Advanced Programming Technology



CHAPTER13 CREATING REPORTS WITH RAVE REPORTS

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Introduction

This chapter provides an overview of using Rave Reports from Nevrona Designs to generate reports within a Delphi application. Additional documentation for Rave Reports is included in the Delphi installation directory, as described in "Getting more information".

Note Rave Reports is automatically installed with the Professional and Enterprise editions of Delphi



13.1 Getting started

You can use Rave Reports in both VCL and

CLX applications to generate reports from

database and non-database data.

The following procedure explains how to add a simple report to an existing database application.



13.1 Getting started

Open a database application in Delphi. From the Rave page of the Component palette, add the TRvDataSetConnection component to a form in the application.

In the Object Inspector, set the DataSet property to a dataset component that is already defined in your application. Use the Rave Visual Designer to design your report and create a report project file (.rav file).





□To launch the Rave Visual Designer, do one of the following:

Choose Tools|Rave Designer.

Double-click a TRvProject component on a form.

Right-click a TRvProject component on a form, and choose Rave Visual Designer.

Department of Electric Information Engineering



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13.2 The Rave Visual Designer

	🖉 Rave Reports 5.0 - Project1.rav	Use the component
	Elle Zoom Edit Iools Help	toolbars to add
Use the Property	Zoom Colors Lines Fills Fonts Alignment Project Designer Drawing Bar Code Standard Report	
Panel to set the		components to the Page Designer
properties,	Page1: Page component Page Designer Event Editor	0 0
methods, and —	Description B < Report Library FullName Page1 I-1 0 1 I = 2 3 B < Report Library Very 0 = 01 1 0 1 1 2 3 Solobal Page Catalog	(click a toolbar
,	Name Page1 PageHeight 11	button and then
events for the	PageWidth 8.5	click the grid). Use
selected		the editor toolbars
component.		to change the
1		
		report project or
Use the Page	PageWidth 8.5	components.
Designer to lay		
U		
out your report by_		
adding		Λ
components from	<u>m</u>	\backslash
the toolbars.		Use the Project
		Tree to display
	4.	
		and navigate the
		structure of the
		report project.
	Data Connection: 🙆	



13.3 Component overview

UVCL/CLX components

DEngine components

DRender components

Data connection components

DRave project component

DReporting components



13.3 Component overview



- Data objects
- Standard components
- Drawing components
- Report components