

# **Tutorial – PW Sample Database Application**

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# Table of Contents

1.	Ove	erview	2
2.	Wh	at You Need	3
3.	List	t of Klips	3
4.	Pre	paration	4
5.	Star	rt the Tutorial	6
5.	.1.	LAUNCHING I-PAD	6
5.	.2.	CREATE DESKTOP KLIP	9
5.	.3.	CREATE SQL QUERY KLIP	
5.	.4.	RESIZE SQL QUERY KLIP	
5.	.5.	CHANGE ICON NAME AND IMAGE	
5.	.6.	ADD SQL STATEMENT KLIP	
5.	.7.	CONNECT SQL STATEMENT KLIP TO SQL QUERY KLIP	
5.	.8.	CREATE XML QUERY REQUEST	
5.	.9.	ADD HIGHLIGHTGRID KLIP	
5.	10.	MOVE, RESIZE, AND CONNECT HIGHLIGHTGRID KLIP	
5.	.11.	ADD BUTTON KLIP	
5.	12.	TESTING THE APPLICATION	

#### 1. Overview

A PlexWare application can be any thing from a simple utility tool to an Enterprise Integration Portal and PlexWare Klip Programming Environment (Starter Kit) and Software Devevlopment Kit (SDK) come with a Basic Klips Library (BKL). This tutorial focuses on building a sample PlexWare database application from the ground up using a few predefined klips from BKL. In this tutorial, you'll learn how to:

- Create klips from BKL.
- Connect klips together.
- Logon to PlexServer.
- Build an XML query request.
- Execute the query request to retrieve data from a database connected to PlexService on PlexServer.
- Display the XML query result using Display Klip.

The application used in this tutorial is a simple database application which queries the data through PlexService, the Web Services software hosted at our office. PlexService is middleware software that can provide XML Web Services data from SQL Server, Oracle, and/or DB2 database systems. For more information, refer to our company brochure included in this trial CD or visit our website at <u>http://www.kplex.com</u>.

To deliver this demo, our PlexServer is configured to connect to the Northwind database of SQL Server inside our office. This demo will access the Employees table in the Northwind database and displays the query result using HighLightGrid Klip.

#### 2. What You Need

You don't need to be a software developer nor a HTML/XML expert to follow this tutorial. You also don't need a lot of experience with the database. Windows Desktop operation is sufficient for this tutorial, but web surfing skill is required for downloading the PlexWare Kernel and PlexKlips used in this tutorial.

#### **Requirements:**

Operating System	Windows 98SE, Windows Me, XP, Windows 2000 (Japanese/English		
	version) with Internet Explorer 5.5 or above.		
Software	PlexWare Kernel with PlexService connection.		
PlexKlips	Desktop Klip, SQL Query Klip, SQL Statement Klip, and		
_	HighLightGrid Klip, Button Klip.		

#### 3. List of Klips

PlexWare includes a library of PlexKlips, and each PlexKlip performs certain functions. The following table summarizes the klips that will be used in this tutorial. For more information about these klips or a complete klips listing for BKL, refer to PlexKlip Reference Manual included in PlexWare Starter Kit or Development Kit.

PlexWare Kernel	K-Plex I-Pad Client Platform Software and PlexWare Application		
	Builder Tool.		
Desktop Klip	Provide logon mechanism and connection to the PlexServer.		
SQL Query Klip	Send XML query request to the PlexServer and retrieve XML query		
	result back.		
SQL Statement Klip	Build XML query request from user input.		
HighLightGrid Klip	Display XML query result in the grid.		
Button Klip	Standard push button component.		

#### 4. Preparation

Before building the sample application, make sure you have the PlexWare kernel and PlexKlips software installed on your system. If you have already installed PlexWare 1.6 or later with Starter Kit or Development Kit, skip this section.

#### Install PlexWare Software

This tutorial requires PlexWare Kernel and a few of PlexKlips. If you have not installed the software, you may obtain a 10-days evaluation copy from the trial CD.



#### Check out PlexWare

PlexWare Installation Program will add the PlexWare menu into the Start/Programs menu. This menu should contain four menu items for running the default local and remote desktop application (WebTop). The local desktop can be launched after the installation, so you can launch the local desktop to check out PlexWare.



#### To check out PlexWare:

- 1. Select Local Desktop from Start ->Programs->PlexWare.
- 2. Open PlexWare Operations Manual under Documents in the trial CD and follow its instruction.

#### Configure and Connect To K-Plex Web Services (PlexServer) with Remote Desktop

By selecting Remote Desktop from Start->Programs->PlexWare, you can launch PlexWare Desktop stored on PlexServer at K-Plex office. The following configuration work is required for this tutorial because it will connect to K-Plex office PlexServer and retrieve data from the Northwind database.



# Follow These Steps ...

#### To Configure and Connnect to K-Plex PlexServer:

- 1. Select Remote Desktop (without confirmation) from Start-> Programs->PlexWare.
- 2. Click Add Server... button in the Logon dialog.
- 3. Click "..." button in the Add Server Information dialog.
- 4. Select the KplexPlexServer.xml file in the trial CD software folder.
- 5. Click Add button in the Add Server Information dialog to add this Server.
- 6. Enter sddemo as User and kplex as Password in the Logon dialog.
- 7. Select KPlex as Server.
- 8. Click Logon button to logon to K-Plex PlexServer and retrieve the remote desktop from K-Plex PlexServer.



# Note: Steps 2-5 are for configuring the new PlexServer. Once the PlexServer is configured on the client system, they should be skipped.

After you logon to the PlexServer, you should have the desktop that is similar to Local Desktop, and you should be ready for building your sample database application as explained in this tutorial.

#### 5. Start the Tutorial

All the user's interaction and application development are done inside K-Plex PlexWare Environment (I-Pad). I-Pad can be launched inside an Internet Explorer (or Netscape Navigator with an ActiveX Plug-In support).

#### 5.1. Launching I-Pad



Figure 1: K-Plex PlexWare Environment (I-Pad)



Note: The background color for all klips including I-Pad is automatically generated. Therefore, it might look different from Figure 1. However, you can set the background color using the properties page.

PlexWare 1.6.0 File Edit View	- Microsoft Internel Favorites Tools	t Explorer	Follow These Steps
← Back → → Address ( rogram	Image: Second state         Files\K-Plex\Plex\PlexWare         Move         Resize         Copy         Shared Copy         Group         Bring to Front         Send to Back         Delete	arch Revorites Media **	<ul> <li>To Change Background Color:</li> <li>1. Move the mouse pointer inside I-Pad.</li> <li>2. Click the right mouse button and select Properties from the popup menu to bring up the Property Settings window. (See Figure 2)</li> <li>3. Click the Background button on the Attribute page in the Property Settings window. (See Figure 3)</li> <li>4. Select the background color in the Color Selection Page and click the OK button. (See Figure 4)</li> <li>5. Click the Apply button to accept the change and click the Cancel button to close the Property Settings window. (See Figure 5)</li> </ul>
	File  New  Connect Properties	▼ ►	

Figure 2: I-Pad pop-up menu.



Note: If you do not have KPE or SDK package installed, you will not have the Group, New, Connect, and Properties menu item on the pop-up menu. If this is the case, contact K-Plex and request for an evaluation license.

Property Settings	Color ? X
Information Attributes Protection SlotView Connection Sample Border Style: Rising Frame Foreground Background	Basic colors:
SAMPLE         Font           X:         0           Y:         0           Height:         700	Custom colors:
Cancel Apply	OK Cancel

Figure 3: Property Settings/Attribute Page.

Propercy Sectings	×
Information Attributes Protection	SlotView Connection
SAMPLE	Border Style: Rising Frame Foreground Font X: 0 Width: 1000
	Y: 0 Height: 700

Figure 5: Accept Background Change.



# 5.2. Create Desktop Klip

This tutorial needs to access the K-Plex Web Services server (PlexServer). In order to communication and logon on to the PlexServiver, it requires the Desktop Klip. The Desktop Klip is build-in with the PlexWare Kernel. To create the Desktop Klip, follow these steps:



Figure 6: Creating Desktop Klip

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-	Back 👻	⇒ ~	🙆 🙆	<b>a</b>   6	🔵 Search	😹 Favorites	() Me	edia 🏻 🎽
Add	lress 🧧	rogram	n Files\K-F	lex\Plex	Ware\html	\Plain.html 💌	∂Go	Links »
								<b>_</b>
		. 0						
				1				▼ }
1	Done					🖳 My Com	puter	

Figure 7: Desktop Klip With Gray Background Color.



Note: In general, most newly created klip is place at 10 pixels from the top and 10 pixels from the left of its parent klip with the dimension of 150 pixels width and 150 pixels height. Desktop Klip is a special klip that will take the whole client region as its dimension.

# 5.3. Create SQL Query Klip

This tutorial queries the Employees table in the SQL Server Northwind database connected to PlexServer. In order to send a query request and retrieve the response, a klip called SQL Query Klip is required. To create SQL Query Klip, please follow these steps:



Figure 8: Creating SQL Query Klip

🚰 PlexWare 1.6.0 - Microsoft Internet Exp	lorer _ 🗆 🗙
File Edit View Favorites Tools Help	<b>*</b>
🖛 Back 🔻 🔿 👻 😰 🚮 🔯 Search	😹 Favorites 🛛 🖓 Media 🛛 🎽
Address 🙋 rogram Files\K-Plex\PlexWare\html\	Plain.html 💌 🔗 Go 🛛 Links 🎽
	<u> </u>
PxwQueryPad	
	N
	43
	<b></b>
Cone Cone Cone Cone Cone Cone Cone Cone	🖳 My Computer 🥢

Figure 9: SQL Query Klip With White Background Color.



Note: SQL Query Klip is based on a klip called Iconable Window Klip. The Iconable Window Klip is composed of Icon Klip and Window Base Klip. Icon Klip displays the klip as an Icon. Window Base Klip expands the klip into a window. By double clicking on the left mouse button, you can switch it between the icon mode and the window mode.

#### 5.4. Resize SQL Query Klip

Once the SQL Query Klip created, it is in an icon mode. However, it has the dimension of 150 pixels width by 150 pixels height. It is too big for display the icon. The dimension of 60 pixels by 60 pixels should be enough for displaying an icon and its name. To resize the SQL Query Klip, follow these steps:



Figure 10: Property Settings/Attribute Page.

Property Settings					
Information Attributes Prote	ection SlotView Connection				
SAMPLE	Border Style: Rising Frame Foreground Font X: 10 Width: 60 Y: 10 Height: 60				
	Cancel Apply				

Figure 11: Change the Klip Dimension.



Note: Do not click the Cancel button to close the Property Settings window because next step will need this window again.

#### 5.5. **Change Icon Name and Image**

The SQL Query Klip has many slots. Slots are the external interface to the Klip's data and function. Klip's developer defined the slot(s) for each Klip when design and develop the Klip. For this tutorial, you just need to know that each Klip might has 0 (zero) or more slots, and each slot is holding the data or a pointer to a function associated to that Klip. In this section, we only focus on the Name slot and IconImageSource Slot of the SQL Query Klip. Both of these slots hold the string data. The Name slot hold the Icon Name string, and the IconImageSource hold the path to an image file for the icon. To change the SQL Query Klip Icon Name, follow these steps:

Property Settings	
Information Attributes Protection SlotView Connection	Follow These Steps
Slot Name Description Type Val	E To Change SQL Query Klip Icon Name:
🔲 Name 🛛 Icon Name String Pxv	Queryf 1. Go to the SlotView page, scroll the list down
🔲 UseKlipName Uses the Kli Boolean 🛛 Tru	e until you see a slot with the "Name" in the
NameFormat Format of ic String C	Slot Name column, and select it. (See
🗖 Animation Animate Op Boolean Tru	<sup>e</sup> 2 Click the Edit Value button to edit the slot
Reference Slot for refer VT_EMPTY	value.
IconImageS Icon Image String	3. Enter Employees in the Slot Value text box
Request Request obj VT_EMPTY	and click the OK button. (See Figure 13)
Response Response o VT_EMPTY	✓ 4. Select the IconImageSource slot. (See
1	Figure 14)
	5. Enter "res:res\icons\query.bmp" in the Slot
Edr Value Set A	Value text box and click the OK button (See
	Figure 15).
	and click the Cancel button to close the



Slot Value Setting	×
Slot Name:	_ ок
Name	Cancel
Slot Type:	
String 💌	
Slot Value:	
Employees	

Figure 13: Enter The Icon Name.

- n
- Э
- Property Settings window.

Property Settings						
Π	nforn	nation   Attributes	Protection S	lotView Conne	ction	
		Slot Name	Description	Туре	Value 🔺	
		Name	Icon Name	String	Employees	
		UseKlipName	Uses the Kli	Boolean	True	
		NameFormat	Format of ic	String	С	
		Animation	Animate Op	Boolean	True	
		Reference	Slot for refer	VT_EMPTY		
		IconImageS	Icon Image	String		
		Request	Request obj	VT_EMPTY		
		Response	Response o	VT_EMPTY	-	
	┛					
			Edit	tValue	Set As Primary	
				Cancel	Apply	

Figure 14: Change the IconImageSource Slot.

Slot Value Setting	×
Slot Name: IconImageSource	OK Cancel
Slot Type: String	
Slot Value: res:res\icons\query.bmp	

Figure 15: Enter The Icon Path and File.

# 5.6. Add SQL Statement Klip

The next klip we need is called SQL Statement Klip. This Klip generates the XML query request with specified database provider, database name, and table name. Since SQL Statement Klip provides the XML query request object for SQL Query Klip, it needs to be inside the later. To create SQL Statement Klip from inside SQL Query Klip, follow these steps:

🕗 PlexWare 1.6.0 - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	Follow These Steps
🖛 Back 👻 🤿 🖈 🙆 🖓 🥘 Search 🕋 Favorites 🛞 Media 💙	To Resize the SQL Query Window:
Address rogram Files\K-Plex\PlexWare\html\Plain.html rogram Files\	<ul> <li>To Resize the SQL Query Window:</li> <li>1. Double click SQL Query Klip to switch it to the window mode.</li> <li>2. At the bottom right corner of the SQL Query window border, drag it bigger. (See figure 16 &amp; 17)</li> </ul>
🕲 Done 🛛 🔰 🔛 My Computer 🏑	

Figure 16: SQL Query Klip in window mode.



Note: When the mouse is at the border of the klip, the mouse pointer is switched to the resizable pointer (double arrow image).

🥭 Ple	≥xWar	e 1.6.0	- Micros	oft In	iterne	t Expl	lorer		<u>- 0 ×</u>
File	Edit	View	Favorit	es T	ools	Help			1
🖛 Ba	ack 🔻	⇒ ~	🙆 🙆	<b>3</b>	Q Se	arch	😹 Favorites	s 🛞 Me	edia »
Addre	ess 🧧	rogran	n Files\K-P	lex\Ple	×Ware	\html\I	Plain.html 💌	<i>∂</i> Go	Links »
									<u> </u>
									<u> </u>
🕑 Do	ne						Ny Cor	nputer	/_

Figure 17: Resize the SQL Query window.

nlexWare 🖉	1.6.0 - Microsoft In	ternet Explorer		
File Edit	View Favorites T	ools Help	-	Follow These Steps
🖛 Back 👻 =	🔸 - 🙆 🙆 👘	Search 🛛 🙀 Favorites	Media »	To Add SQL Statement Klip:
Address 🖉 r	ogram Files\K-Plex\Ple	xWare\html\Plain.html 💌	∂Go Links »	1. Move the mouse pointer inside the SQL Query window.
				2. Click the right mouse button and select New from the population menu. Select SQL
	Marria	1		Statement Klip from the New submenu
	Resize			to create SQL Statement Klip. (See Figure 18 & 19)
	Сору			
	Shared Copy			
	Group 🕨			
	Bring to Front			
	Send to Back			
	Delete			
	File 🕨			
	New 🕨	Button Klip		
	Connect	Desktop Klip Highl ightGrid Klip		
	Properties	SQL Query Klip		
	Icon Properties	SQL Sta <mark>rsment Klip</mark>		
Dopo	Edit Title			
C Done		🔀 My Com	puter //	3

Figure 18: Create the SQL Statement Klip Inside the SQL Query window.



Figure 19: SQL Statement Klip with Dark Green Background Color.

# 5.7. Connect SQL Statement Klip to SQL Query Klip

One of the PlexWare's features is to allow the communication between Klips. This is the key to integration between klips (applications, web contents and databases). Each child klip can link and transfer information through its parent klip. The Connection page in the klip property settings provides the user interface for setting up the link. To create a connection, please follow these steps:

🚰 PlexWare 1.6.0 - Microsoft Internet Explorer	Follow Those Stone
File Edit View Favorites Tools Help	Follow These Steps
🖛 Back 👻 🤿 🐨 🚱 Search 🕋 Favorites 🛞 Media 💙	To Create a Connection to SQL Query
Address rogram Files\K-Plex\PlexWare\html\Plain.html r r G Links **	<ol> <li>Move the mouse pointer inside SQL Statement Klip.</li> <li>Click the right button and select Connectfrom the popup menu to bring up the Property Settings window. (See Figure 20)</li> <li>Go to the Connection page of the Property Settings window if it is not the current selected page.</li> <li>Select Request slot as Primary Slot Name.</li> <li>Select Employees <pxwquerypad> as Target Klip.</pxwquerypad></li> <li>Select Request as Slot Name.</li> <li>Click the Apply button to accept the change. (See figure 21)</li> </ol>

Figure 20: SQL Statement Klip Connection Page.

Property Settings	×
Information Attributes Protection SlotView Connection	
Primary Slot Name: Propagation Control	
Request  Descendant	
Target Klip:	
Employees <pxwquerypad></pxwquerypad>	
Slat Name	
Ancestor	
Auto Connect.	
Cancel Apoly	

Figure 21: Connection Between SQL Statement Klip Request Slot and SQL Query Klip Request Slot.

#### 5.8. Create XML Query Request

Once the link between the SQL Statement Klip Request slot and the SQL Query Klip Request slot is established, an XML query request can be created. To create the XML query request, follow these steps:

Property Settings	tes Protection	GlotView Conne	ection	Follow These Steps
Slot Name Target Order Group Top Transform URITarget Content Request	Description Database Order By cla Group By cl The number ID of Transf Use Target Type of sele Request obj	Type String String Integer Num String Boolean String VT_DISPAT it Value	-1 False record <unprintab ▼<br="">Set As Primary</unprintab>	<ul> <li><u>To Create an XML Query Request:</u></li> <li>1. Select the Target slot in the Slot View Page and click the Edit Value button. (See Figure 22)</li> <li>2. Enter the provider, server, database name, and table name into the Slot Value text box separated by comma as: "SQLOLEDB.1,EXTERNAL,Northwind,Empl oyees", and click the OK button. <i>Note: Do not add the double quote around the string.</i> (See Figure 23)</li> <li>3. Click the Apply button to accept the change and click the Cancel button to close the Property Settings window.</li> </ul>

Figure 22: Edit Target Slot.

Slot Value Setting	×
Slot Name: Target	
Slot Type: String	
Slot Value: NAL,Northwind,Employees	

Figure 23: Set The Target Value.



Note: Remember to click the Apply button to accept the change before clicking the Cancel button. Otherwise, the Target slot will not be set, and you have to go back and set it again for this tutorial to work.

# 5.9. Add HighLightGrid Klip

Now, we move on to the display data step. In this tutorial, grid will be sufficient to display the employee records called for by the XML query request. A klip called HighLightGrid Klip is prefect for the job. Because this klip retrieves the XML result data from SQL Query Klip and displays the data in grid, it needs to be inside SQL Query Klip also. To create HighLightGrid Klip from inside SQL Query Klip, please follow these steps:



Figure 24: Create the HighLightGrid Klip Inside the SQL Query window.

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File	Edit	View	Favorite	s Tools	Help			-
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Addre	ss 🦉	rogram	) Files\K-Pl	ex\PlexWa	are\html\	Plain.html 💌	∂Go	Links »
			ľ					
•						P		
ど Do	ne					🛛 🖳 My Com	puter	11.

Figure 25: HighLightGrid Klip with Dark Red Background Color.



Note: The Location of the mouse pointer is very important. You need to move the mouse pointer to the klip area (not its parent, its child klip, or a component wrapped by the klip) in order for you to go get the correct popup menu belonging to the klip.

# 5.10. Move, Resize, and Connect HighLightGrid Klip

Once HighLightGrid Klip is created, you will needs to move, resize, and connect it to SQL Query Klip. To move and resize HighLightGrid Klip inside SQL Query Klip, please follow these steps:

🕘 PlexWa	are 1.6.0 - Microsoft Inte	rnet Explorer		
File Edi	t View Favorites Too	ls Help	<b>11</b>	Follow These Steps
Here Back	· → · ⑧ ঐ 础 🧕	🕽 Search 👔 Favorites 🍘	Media »	To Move/Resize HighLightGrid Klip:
Address 4	🔊 rogram Files\K-Plex\Plex\	Vare\html\Plain.html 🗾 🔗 Go	Links »	<ol> <li>Move the mouse pointer to the upper left corner of HighLightGrid Klip. (See the location of the mouse pointer in Figure 25)</li> <li>Click the right mouse button and</li> </ol>
	Move Resize			select Properties from the popup menu to bring up the Property
	Copy Shared Copy			<ul> <li>Settings window. (See Figure 26)</li> <li>3. On the Attributes page, enter 160 for X, 180 for Width, and 280 for Height.</li> </ul>
	Group 🕨			(See Figure 27). 4. Click the Apply button to accept the
	Bring to Front Send to Back			change. Note: Do not click the Cancel button at this point.
	Delete			
	File 🕨			
	New 🕨			
	Connect			
	Properties			
Done -	Enable Search Show Searched Rows	My Computer		

Figure 26: Property Settings/Attribute Page.

Property Sel	ttings	×
Information	Attributes	Protection SlotView Connection
Sample		Border Style: Rising Frame
		Foreground Background
		X:     160     Width:     180       Y:     10     Height:     280
		Cancel Apply

Figure 27: Move and Resize the Klip.

The HighLightGrid Klip needs the result data in the SQL Query Klip Response slot. In order for the XML result data to transfer from SQL Query Klip to HighLightGrid Klip, the two klips must connect to each other. The HighLightGrid Klip BaseObject slot needs to link to the SQL Query Klip Response slot. To do this, please follow these steps:

Property Settings	X	
Information Attributes Protection 9	ilotView Connection	Follow These Steps
Information   Attributes   Protection   S Primary Slot Name: BaseObject     Target Klip: Employees <pxwquerypad>     Slot Name: Response    </pxwquerypad>	SlotView Connection Propagation Control Descendant Self Self Ancestor Auto Connect	<ul> <li>To Connect HighLightGrid Klip to SQL Query Klip:</li> <li>1. Go to the Connection page. (See Figure 28)</li> <li>2. Select BaseObject slot as Primary Slot Name.</li> <li>3. Select Employees <pxwquerypad> as Target Klip.</pxwquerypad></li> <li>4. Select Response slot as Slot Name.</li> <li>5. Click the Apply button to accept the change and click the Cancel button to close the Property Settings window.</li> </ul>
	Cancel Apply	

Figure 28: Connect the HighLightGrid Klip.

# 5.11. Add Button Klip

The final klip to be added in this tutorial is called Button Klip. This klip provides the button component for the user to execute the XML query request and receive the result back. To create the Button Klip, please follow these steps:



Figure 29: Create the Button Klip.



Note: Be careful with the mouse pointer. The mouse pointer must be in the white area to create the klip that is belonging to SQL Query Klip. If it is in the green area, the created klip will belong to SQL Statement Klip.

To connect the Button Klip Command slot to the SQL Query Issue slot, please follow these steps:

		, 2000,000,000,000,000,000,000,000,000,0
PlexWare 1.6.0 - Microsoft Intern File Edit View Favorites Tools	net Explorer	Follow These Steps
	Search 😹 Favorites (Media 💙	To Connect Button Klip:
Address 🖉 rogram Files\K-Plex\PlexWa	re\html\Plain.html 🗾 🔗 Go 🛛 Links 🎢	<ol> <li>Move the mouse pointer inside Button Klip.</li> <li>Click the right button and select Connect from the population more to</li> </ol>
Move Resize Copy Shared Copy Group Bring to Front Send to Back Delete File File New Corpect Properties Button Properties		<ul> <li>Connectfrom the popup menu to bring up the Property Settings window. (See Figure 30)</li> <li>3. Go to the Connection page of the Property Settings window if it is not the current selected page.</li> <li>4. Select Command slot as Primary Slot Name.</li> <li>5. Select Employees <pxwquerypad> as Target Klip.</pxwquerypad></li> <li>6. Select Issue slot as Slot Name.</li> <li>7. Click the Apply button to accept the change. (See figure 31)</li> </ul>
Figure 30: Connect the Button Klip.		-
Property Settings	×	
Information Attributes Protection Slo	otView Connection	
Primary Slot Name:	Propagation Control	
*Command	Descendant	
Target Klip: Employees <pxwquerypad></pxwquerypad>	Self	
Slot Name:		
<mark>Issue</mark> ▼	Ancestor Auto Connect	
	Cancel Apply	

Figure 31: Command Slot Connect To Employees Query's Issue Slot.

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# 5.12. Testing The Application

After the application is created, it can be saved to a template file for sharing with other PlexWare users or for future development use. To Save the application, please follow these steps:



Figure 32: Mouse Pointer over SQL Query Klip.

🚰 PlexWare 1.6.0 - Microsoft Internet Explorer 📃 🗾 🔀						
File Edit View Fav	vorites Tools Help		1			
🖛 Back 🔻 🄿 👻 🔕	👔 🚮 🛛 🧟 Search	😹 Favorites 🛛 🌒	Media »			
Address 🙋 rogram Files	\K-Plex\PlexWare\html	\Plain.html 🔽 🔗 Go	) Links »			
			<b>_</b>			
Employe	Move					
	Copy Shared Copy					
	Group 🕨					
	Bring to Front Send to Back					
	Delete					
	File 🕨	Save				
	New 🕨	Save As Open//S				
	Connect Properties		-			
1						
🙆 Done		🖳 My Computer	11			

Figure 33: Save The Desktop Klip.

Save As			<u>?×</u>
Save in:	🔄 klip	▼ ⇐ €	l 💣 🎟 -
History Desktop My Documents	Lin Klip Files		
My Computer	File name: Save as type:	SampleDB PVO Files (*.pvo)	▼ Save ▼ Cancel

Figure 34: Save the Desktop Klip as the SampleDB template.

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When the saving is done, it is time to test it. If every step was correctly followed, you should be able to logon, submit the XML query request, retrieve the result, and display the data in grid. Here is the execution process:

Logon Pla	exServer	×
	User: mp	
	Password: **	
	Server: Support	▼ Detail
	Logon Cancel	Add Server



### To Execute the Query:

- 1. Click the Button Klip.
- 2. Enter mp in the User text box.
- 3. Enter mp in the Password text box.
- 4. Select Support as the Server.
- 5. Click the Logon button. (See Figure 35)

Figure 35: Logon to the Support PlexServer.

If the logon successful, the result should display in HighLightGrid Klip as shown in Figure 36 below.

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Figure 36: The result data set displayed using HighLightGrid Klip.