



A MITEL  
PRODUCT  
GUIDE

# HiPath DS-Win V4

DS-Win V4, GUI Designer

User's Guide

09/2024

## Notices

The information contained in this document is believed to be accurate in all respects but is not warranted by Mitel Europe Limited. The information is subject to change without notice and should not be construed in any way as a commitment by Mitel or any of its affiliates or subsidiaries. Mitel and its affiliates and subsidiaries assume no responsibility for any errors or omissions in this document. Revisions of this document or new editions of it may be issued to incorporate such changes. No part of this document can be reproduced or transmitted in any form or by any means - electronic or mechanical - for any purpose without written permission from Mitel Networks Corporation.

## Trademarks

The trademarks, service marks, logos, and graphics (collectively “Trademarks”) appearing on Mitel’s Internet sites or in its publications are registered and unregistered trademarks of Mitel Networks Corporation (MNC) or its subsidiaries (collectively “Mitel), Unify Software and Solutions GmbH & Co. KG or its affiliates (collectively “Unify”) or others. Use of the Trademarks is prohibited without the express consent from Mitel and/or Unify. Please contact our legal department at [iplegal@mitel.com](mailto:iplegal@mitel.com) for additional information. For a list of the worldwide Mitel and Unify registered trademarks, please refer to the website: <http://www.mitel.com/trademarks>.

© Copyright 2024, Mitel Networks Corporation

All rights reserved

# Contents

<b>1 DS-Win V4</b>	<b>5</b>
1.1 Possibilities Offered by DS-Win V4	5
1.2 Concept of the GUI Designer User Manual	7
<b>2 Creating Data View Dialogs</b>	<b>9</b>
2.1 Explanation of the GUI Designer	9
2.2 Creating the DS-Win User Interface	10
2.3 Creating an Example Application	11
2.3.1 Calling the GUI Designer Program	13
2.3.2 Defining the Connection to the Database, Tables, and Data Sources	14
2.4 Setting Up Dialogs with Two Worksheets	18
2.4.1 Creating Worksheets	18
2.4.2 Defining Properties for Worksheets	19
2.5 Setting up the «Search for subscribers» Worksheet	20
2.5.1 Defining Properties for the Workspace	20
2.5.2 Creating an Output Table	21
2.5.3 Defining Properties for Table Rows	22
2.5.3.1 Selecting and Creating Rows	24
2.5.3.2 Defining Row Properties	25
2.5.3.3 Select the MainRow Row and Assign, Rename, and Arrange Columns	26
2.5.3.4 Select the Secretary Row and Assign, Rename, and Arrange Columns	28
2.5.3.5 Select the Details Row and Assign, Rename, and Arrange Columns	30
2.5.3.6 Select the Product Row and Assign, Rename, and Arrange Columns	32
2.5.4 Creating the Search Panel	34
2.5.4.1 Defining Properties for the Search Panel	34
2.5.4.2 Defining the Search Options	35
2.5.5 Configuring the Dialog Control for Search for Subscriber	37
2.5.5.1 Creating the City Filter List	37
2.5.5.2 Creating the Subscriber Button	39
2.5.5.3 Creating the Send Mail Button	40
2.5.5.4 Creating the Print Button	41
2.5.5.5 Creating the Result Button	42
2.5.5.6 Creating the Clear Button	43
2.5.5.7 Creating the Display Options Box	44
2.5.6 Inserting a Presence Window	46
2.5.6.1 Defining Properties for the Presence Window	46
2.5.7 Increasing the Speed of the Subscriber Search	47
2.6 Setting up the «Selected subscriber» Worksheet	50
2.6.1 Creating Group Boxes	50
2.6.2 Inserting Data Fields	53
2.6.3 Giving Fields Labels	58
2.7 Saving and Triggering Dialogs	59
2.7.1 Saving Complete Dialogs	59
2.7.2 Triggering Complete Dialogs	59
2.7.3 Defining a Dialog as the Default Dialog	59

## Contents

# 1 DS-Win V4

The DS-Win V4 is an electronic telephone directory designed for attendant consoles and office workstations. It consists of **GUI Designer** for the application as well as **GUI Designer** and **DS-Admin** customization and modifications. It has been designed on the basis of the latest technical know-how and is extremely user-friendly. The wide range of features available from **GUI Designer and DS-Admin** allows you to configure your telephone directory to suit your special requirements and thereby optimize it for your work.

## 1.1 Possibilities Offered by DS-Win V4

### Application Areas

The DS-Win V4 electronic telephone directory can be integrated seamlessly into the AC-Win IP V2 or BLF-Win V4 attendant console to form a complete system that fully satisfies demands relating to functionality, flexibility, and ease-of-use. No matter whether you are looking for the phone number of a subscriber, a particular key word, a specialist field or a sphere of responsibility, all you have to do is press a few keys and **GUI Designer** does the rest.

DS-Win V4 can, however, also be used on an office workstation. The integrated dialing aid allows a call to be set up automatically from the connected telephone after the desired call partner has been found.

### DS-Win Characteristics

The DS-Win V4 electronic telephone directory is a directory service that can be customized for use on a PC and in a client/server configuration. The following functions are available:

- Telephone information system for attendant console and/or workstation with **GUI Designer functions**
- Configuration of the database and the user interface to one's own requirements with **GUI Designer**
- Administration of all subscriber data including display of notes
- Distributed database, client/server technology
- Synchronization with host databases via LAN

DS-Win V4 is a 32 bit program that runs on Windows Vista<sup>®</sup> Enterprise (32 bit), Windows Vista<sup>®</sup> Business (32 bit), Windows 7 Enterprise (32 bit) and Windows 7 Ultimate (32 bit) operating systems.

#### **Individually Configurable Database**

The new DS-Win V4 database provides you with tables in which you can record data such as employee names, room numbers, departments, eMail addresses, product catalogues, keyword lists, and much more. Apart from permanently set tables in which you can adapt the fields to suit your requirements, you also have the option of adding new fields and even of creating new tables. This is particularly useful if you want to have access to information that has only an indirect bearing on the telephone directory, such as hotel or restaurant addresses, notes, procedures, and so on.

#### **Individually Configurable User Interface**

You yourself can determine how your data will be displayed on the screen. The **GUI Designer** is a tool that provides you with all the functions you need to design the output of information on the screen in line with the requirements of your work.

#### **Finding and Modifying Data**

There are two basic search modes available: speed search and query.

- For a speed search, enter individual characters in a search field and move progressively closer to the subscriber or term you are looking for until the "correct" one is finally found.
- In query mode, enter several search criteria, where necessary, and let the system search for all data records that correspond to these criteria.

You can move (navigate) in the dataset, rearrange the search result according to different criteria, edit or delete records or add new ones.

#### **Dial Functions**

DS-Win supports not only the automatic telephone dialing equipment of the PC attendant console AC-Win but also optiPoint telephones through the USB interface. It can thus be used at both an attendant console as well as an ordinary workstation.

#### **Printing Data**

You can select different layouts for printing your data records or search results with the option of printing the entire dataset or individual records. DS-Win iReport from JasperSoft uses the software which can be used to create test pages.

#### **Import/Export**

Large volumes of data can be imported and exported via a flexible interface. The DS-Win database can be synchronized with host databases, for example the central HDMS/OpenScape 4000 Manager database (OS4K), either manually or automatically according to a predefined timetable.

## 1.2 Concept of the GUI Designer User Manual

This guide describes how to operate the system from the point of view of a user who is modeling and maintaining the DS-Win V4 interface and application for other users. The guide should

- Describe the correct procedure for using **GUI Designer** functions
- Indicate the interrelationships between the individual functions
- Serve as a reference for users familiar with the product.



## 2 Creating Data View Dialogs

The GUI Designer enables you to create your own dialogs (applications). There are two ways of doing this:

- Modify existing dialogs
- Create completely new dialogs

### **Basic Steps**

- Define the database, tables, and data sources
- Arrange components in the workspace
- Define links with data sources

### 2.1 Explanation of the GUI Designer

You use the GUI Designer to create the interface for the application with the database. You can arrange various components in the workspace.

For example, you can:

- Create different worksheets
- Create output tables
- Create text fields
- Create input fields
- Create selection boxes
- Create labels
- Create group boxes

## Creating Data View Dialogs

### Creating the DS-Win User Interface

## 2.2 Creating the DS-Win User Interface

### Procedure

Proceed as follows:

Step	Action
1	Start the DS-Win Configuration via <b>Start -&gt; Programs -&gt; DS-Win V4 -&gt; DS-Win Configuration</b> . The DS-Win Configuration opens.
2	Select the <b>GUI</b> tab in the "License server and SNMP settings" window.
3	Set in the GUI tab: <ul style="list-style-type: none"><li>• The required user interface in the "Default GUI file" drop-down menu, e.g.:<ul style="list-style-type: none"><li>– <code>designer_en_PostgreSQL.xml</code> with PostgreSQL database (Default)</li><li>– <code>designer_en_MySQL.xml</code> with MySQL database</li><li>– <code>designer_en_MSSQL.xml</code> with MSSQL database</li><li>– <code>designer_en_Informix.xml</code> with Informix database</li></ul></li><li>• In the "Load the whole Subscriber table from the database into the memory" drop-down menu: <b>No</b></li></ul>
4	Click <b>Save</b> to save the configuration. The user interface is set and DS-Win can be started.
5	Click <b>Close</b> to close the window.

## 2.3 Creating an Example Application

This relates to and reconstructs the development of the delivered standard application with the designer\_xx.xml database (xx represents the language prefix).

First worksheet:

The screenshot shows a data view dialog window with the following components:

- Menu Bar:** File, View, Options, Help
- Search Filters:** Search for subscribers, Selected subscriber, Search for Products, Selected product
- Data Table:**

	Name	Department	Location	Building	Room	Station	Fax	Keyword
	Secretary	Department	Location	Building	Room	Station	Fax	Keyword
	Company	City	Country	Area code	Net	Mob. area	Mob. net	Mob. ext
	Product	Responsibility						
+	Abel Silke	TEK HG 12 ERP	HH/H	30	253	5743	5829	Erprobung
+	Altmann Hanna	TEK HG	HH/H	27	307	5621	5622	Sekret
+	Auer Hilde	STV WA HH	HH/A	1	201	2130		Pforte
+	Auer Viktor	VIG MG	KA	2	308	6140	6142	Vertrieb
+	Aumeister Dieter	FIG MG 43	KA	5	205	5640	5607	Montage
+	Bauer Helmut	TEK HG 215	HH/H	36	211	5572	5598	Entwicklung
+	Br Gerhard	FKG EL 1	KN	7	310	2350	2351	Entwicklung
+	Bunge Rudolf	TEK HG 14 PRF	HH/H	31	203	5901	5902	Pr
+	Claasen Lothar	TEK HG 21	HH/H	36	351	5613	5605	Entwicklung
+	Dammermayer Siglinde	UV STL	KA	1	608	3152	3152	Vorzimmer
+	Deckelmann Erich	FIG AV 14	KA	4	332	4412	4408	Normen
+	Dellbr Monika	PW HH 1	HH/H	25	408	2527	2529	Personalangelegenheiten
+	Dieterle Karl	PW KA	KA	1	406	2155	2157	Personalchef
+	Dock Hans	TEK HG 12 KON	HH/H	30	207	5805	5882	Konstruktion
+	Droemer Paul-J	FKG PF	KN	6	304	3427	3426	Entwicklung
+	Erdinger Fritz	UV PR 2	HH/A	1	627	3289	3287	Medienreferent
+	Farthmann Helga	UV	HH/A	1	918	3411	3413	Vorzimmer
+	Fichna Peter	FIG VS P	KA	6	203	5702	5704	Versand
+	Fiedler Jens	TEK HG 12 ERP	HH/H	30	251	5823	5829	Erprobung
+	Geigenbauer Erika	UV PR 2	HH/A	1	625	3288	3287	Sekret
- Right Panel:**
  - Subscriber
  - Send Mail
  - Phone Book
  - Result
  - Clear
  - Display Options:
    - Show
    - Merge
    - Secretary
    - Details
    - Product
- Status Bar:** View mode | Speed search mode | Print mode: 'List' | Records =79

## Creating Data View Dialogs

### Creating an Example Application

#### Second worksheet:

	Country	Area code	Net code	Tie number	Extension	Internal station
Internal:	49	40	3576	91	5743	<input checked="" type="checkbox"/>
Alternate:						<input checked="" type="checkbox"/>
Mobile:						<input type="checkbox"/>
Fax:	49	40	3576	91	5829	<input checked="" type="checkbox"/>

In this example, you create two worksheets (tabsheets).

You determine the following for the **first** worksheet:

- Which data fields are displayed in the output table (data grid)
- How many rows and sub-rows are used
- Which sizes and attributes are used for cells, rows, and columns

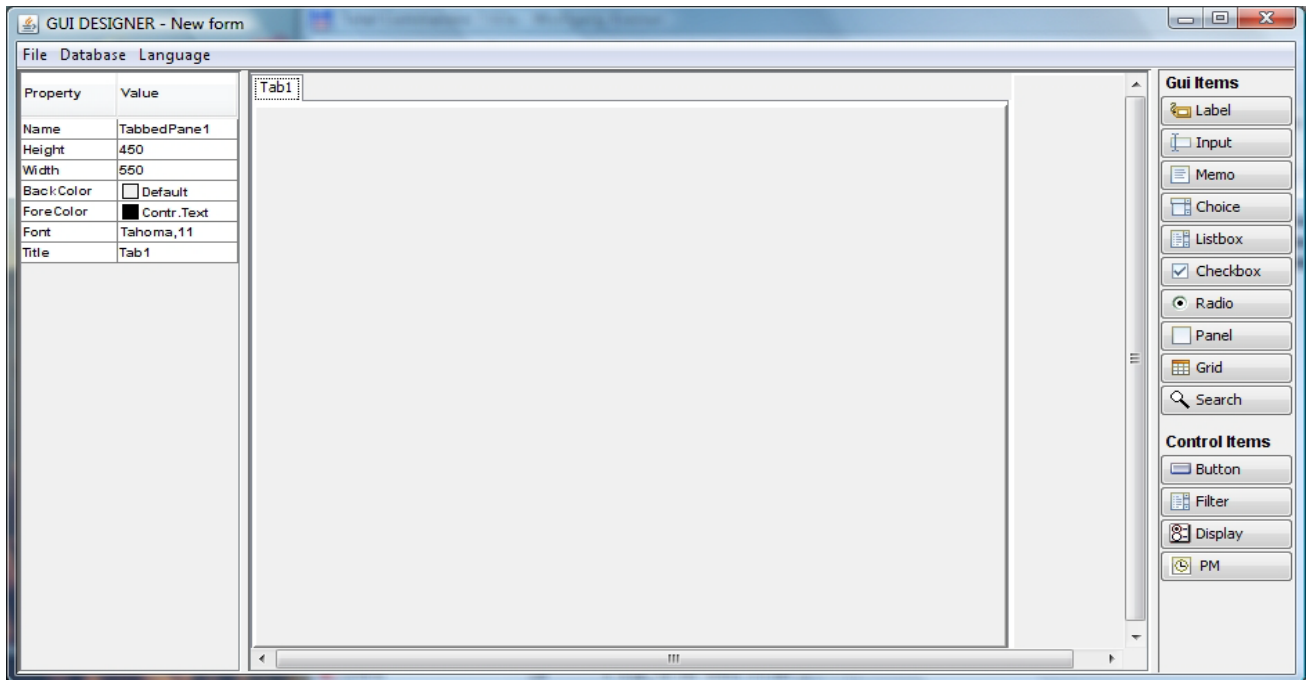
You create fields for detailed information (such as the name of the subscriber, address, and phone numbers) on the **second** worksheet. Worksheets 3 and 4 are not described here.

For information on the structure and assignments of these dialogs, see the delivered example.

## 2.3.1 Calling the GUI Designer Program

Step	Action
1	Start the GUI Designer via <b>Start -&gt; Programs -&gt; DS-Win V4 -&gt; GUI Designer.</b>

The GUI Designer opens and displays an empty worksheet.



## 2.3.2 Defining the Connection to the Database, Tables, and Data Sources

To enable access to the test database, you have to define the connection using tables and data sources. Call the **Data Resource Manager** dialog from the **Database** by choosing **Configure....**

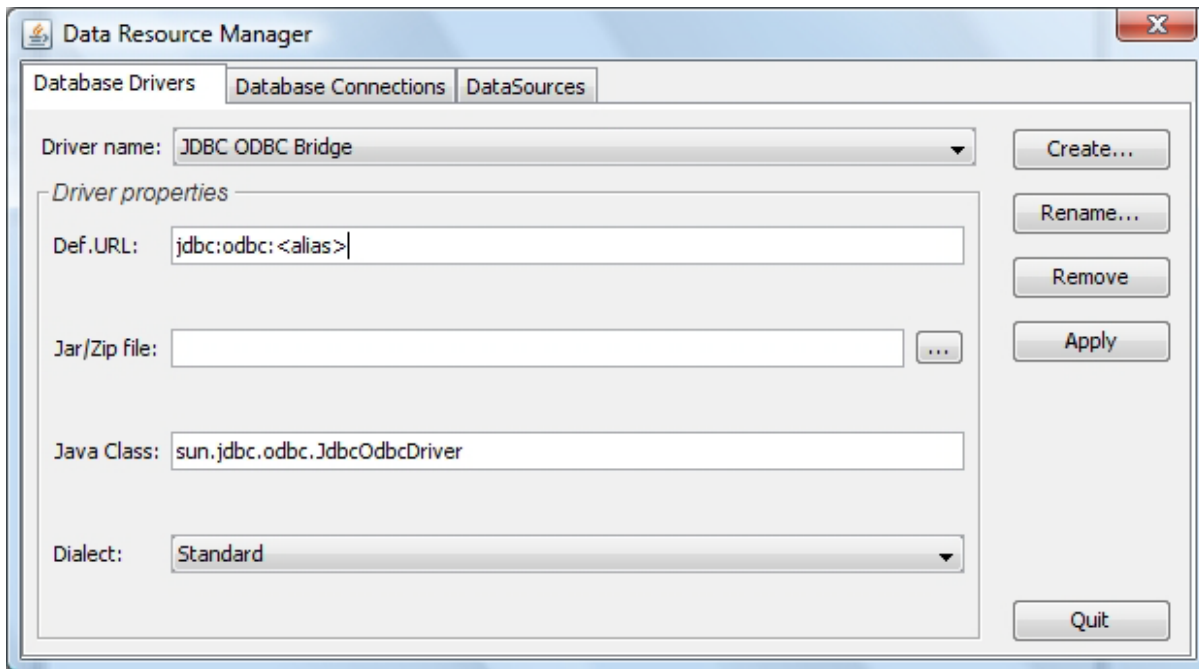
### Setting up data sources

Set up the following data sources:

- For a subscriber
- For the secretary of a subscriber
- For products assigned to a subscriber
- For additional data

Proceed as follows to set up data sources:

#### «Database Drivers» tab



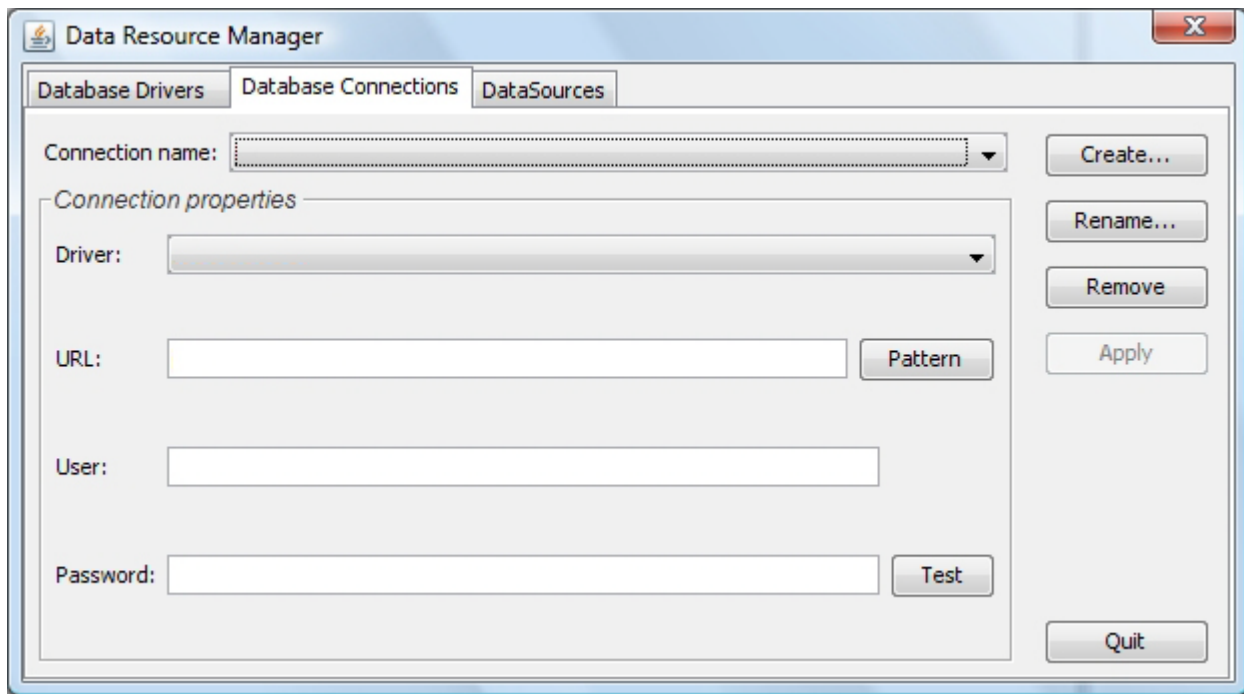
Step	Property, drop-down list	Button	Action
1			Open the <b>Database Drivers</b> tab.
2	Driver name	<b>Create...</b> <b>Rename...</b>	Press the button to create a database driver called JDBC ODBC Bridge. You can check beforehand to see whether or not there is already a driver in the list. You can use a driver that already exists under its existing name or you can rename it.

<b>Step</b>	<b>Property, drop-down list</b>	<b>Button</b>	<b>Action</b>
3	Def. URL:		Enter the name of the database along with an alias if required.
4	Jar/Zip file		Specify a Jar/Zip file or browse to the file in question.
5	Java Class		Enter the Java class.
6	Dialect		Select a dialect from the list.

## Creating Data View Dialogs

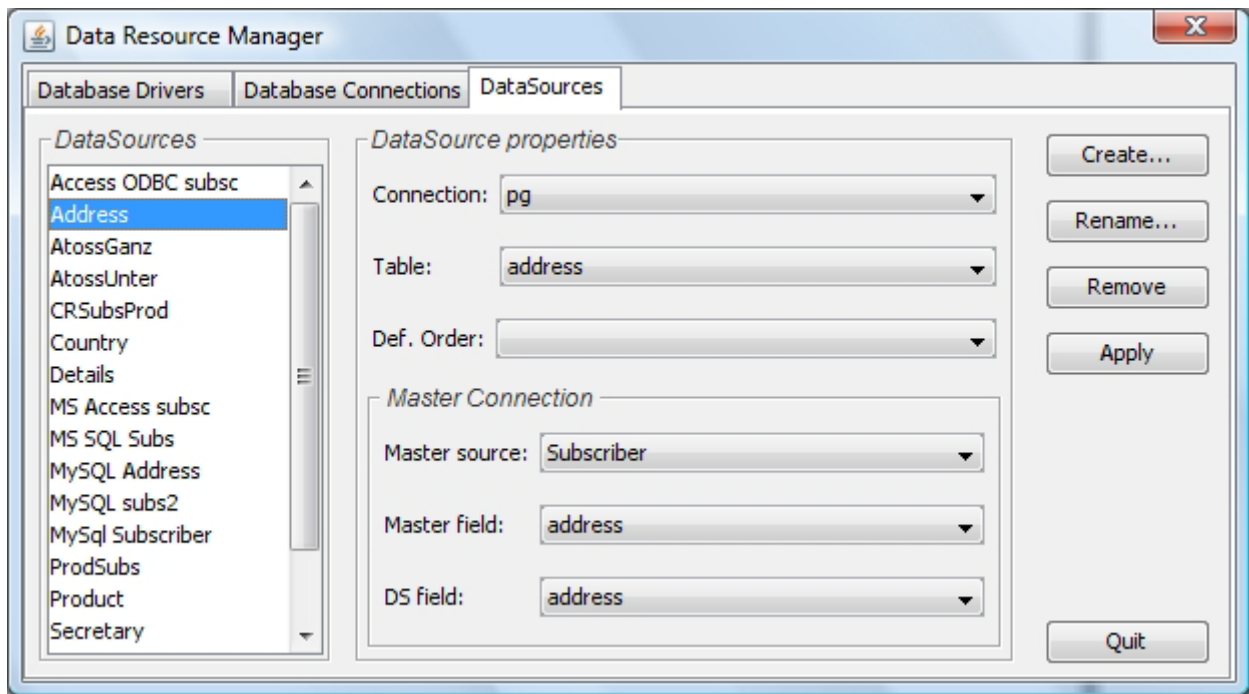
### Creating an Example Application

#### «Database Connections» tab



Step	Property, drop-down list	Button	Action
1			Open the <b>Database Connections</b> tab.
2	Connection name	<b>Create...</b> <b>Rename...</b> <b>Remove</b>	Connection names: Select an entry from the drop-down list Create a new entry Rename an existing entry Remove an entry
3	Driver		Select an entry from the drop-down list
4	URL		Enter the URL.
5	User		Enter a user name.
6	Password		Enter a password.

«DataSources» tab



Step	Property, drop-down list	Button	Action
1			Open the <b>DataSources</b> tab to define the access to records.
2	<b>DataSources</b>	<b>Create...</b> <b>Rename...</b> <b>Remove</b>	You can insert new sources into the list of data sources, change an existing entry, or delete a source from the list.
3			Select a data source to define properties and connections.
4	<b>Connection</b>		Select an entry from the drop-down list: EXCEL - words HHSC - i3c HHSC - local MySQL Dsw MySQL dsw2 ORA DsWin Ora HR pg
5	<b>Table</b>		Assign a data source to a table entry from the drop-down list.
6	<b>Def. Order</b>		Select and assign the sequence in the drop-down list.
7	<b>Master source</b>		Select and assign the master source in the drop-down list.
8	<b>Master field</b>		Select and assign the master field in the drop-down list.
9	<b>DS field</b>		Select and assign the DS field in the drop-down list.
10		<b>Apply</b>	Press the button to activate the changes.

## Creating Data View Dialogs

### Setting Up Dialogs with Two Worksheets

## 2.4 Setting Up Dialogs with Two Worksheets

This example shows you how to create a dialog.

The worksheets should cover the entire workspace. A search panel should appear at the bottom edge of the first worksheet and an output table should cover the remaining area.

Proceed as described below to set up dialogs with two worksheets.

### 2.4.1 Creating Worksheets

The first worksheet is already created by default.

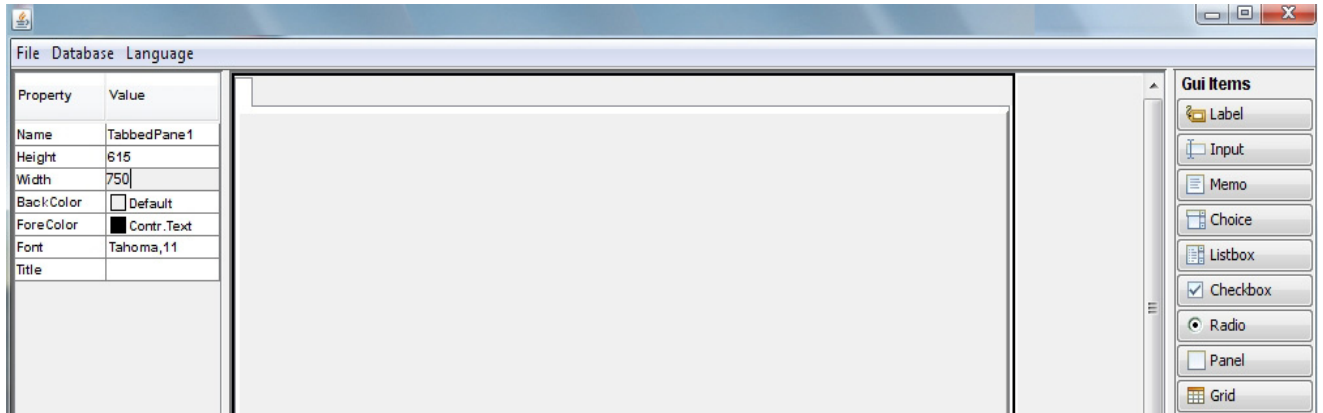
#### Procedure

Proceed as described below to create the second worksheet (tabsheet):

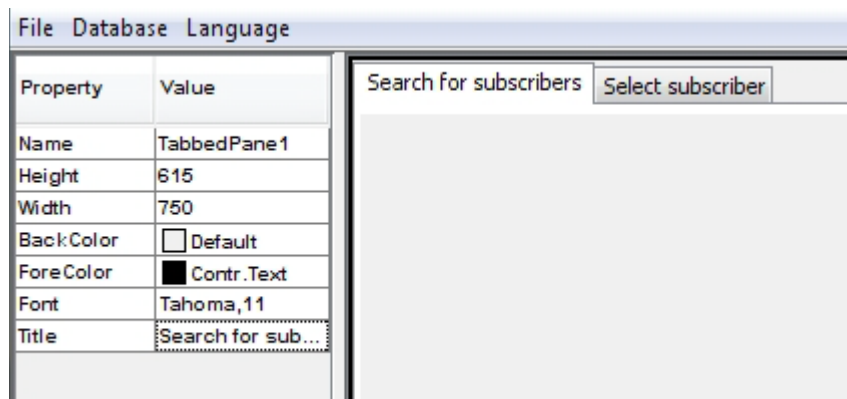
Step	Action
1	Use the secondary mouse button to click the workspace (next to the first worksheet) and select Add New Tab to add a second worksheet (tab).

## 2.4.2 Defining Properties for Worksheets

Click the tab of the worksheet for which you want to define properties and enter your values in the properties table. You must confirm each value by pressing the RETURN key.



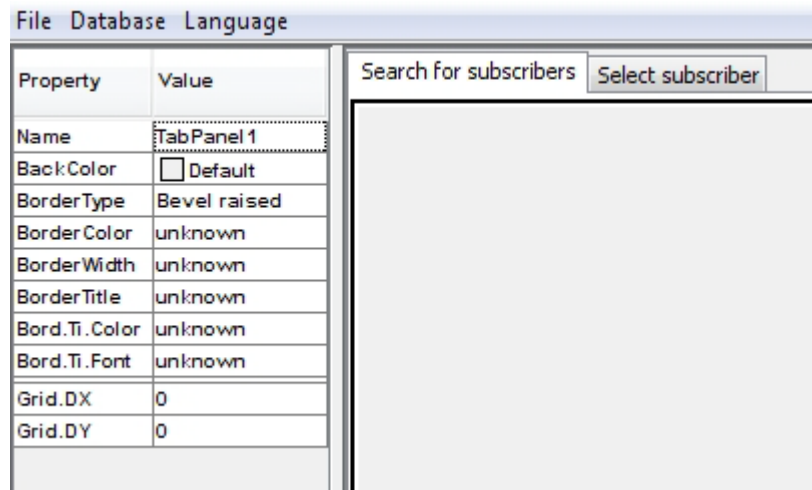
Property	Value	Description
<b>Height</b>	Integer (mm)	Specify the height of the worksheet.
<b>Width</b>	Integer (mm)	Specify the width of the worksheet.
<b>BackColor</b>	Color table	Open the color table and select a background colors.
<b>ForeColor</b>	Color table	Open the color table and select a color for the label.
<b>Font</b>	Properties window	Open the properties window and define properties for the font, size, and style.
<b>Title</b>	alphanumeric	Enter the name of the worksheet. Do not use any special characters or spaces and do not begin the name with a numeric character.



## 2.5 Setting up the «Search for subscribers» Worksheet

### 2.5.1 Defining Properties for the Workspace

Click the workspace of the 'Search for subscribers' worksheet.  
The properties table has changed.



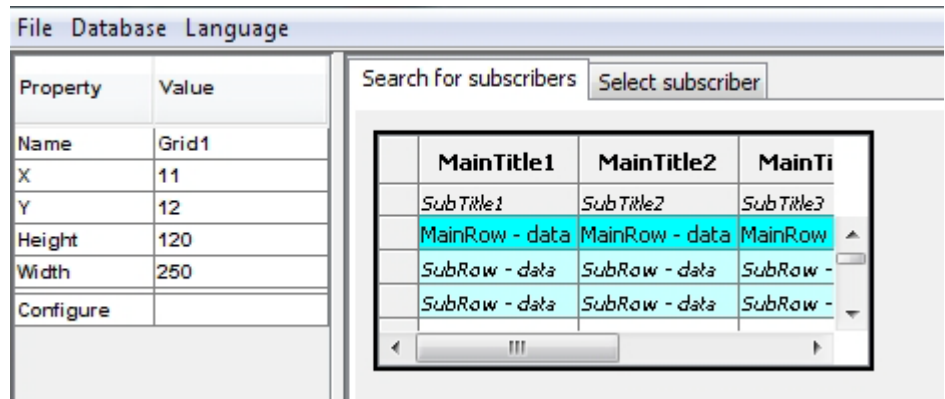
Property	Value	Description
BackColor	Color table	Open the color table and select a background color.

## 2.5.2 Creating an Output Table

### Procedure

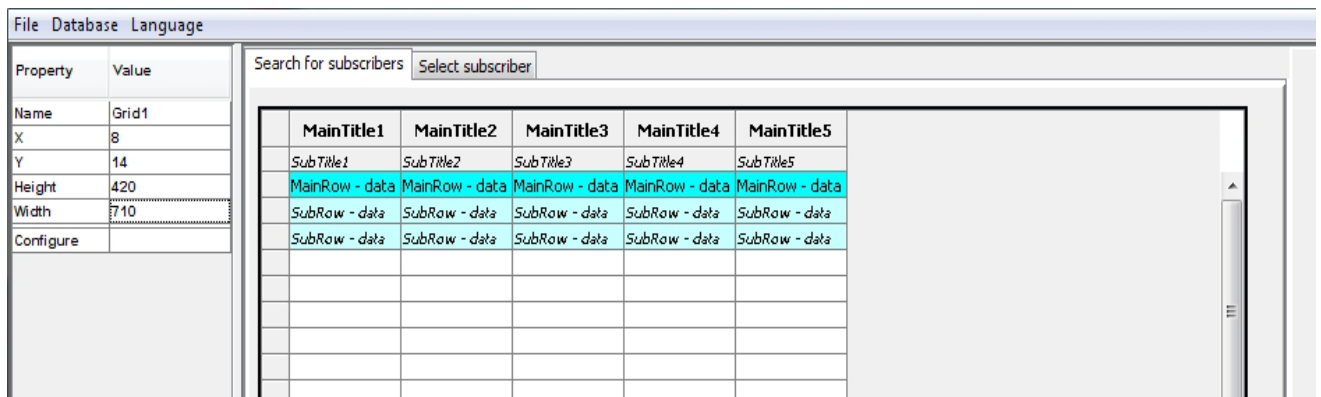
Proceed as follows to create an output table:

Step	Action
1	Click the Grid UI element.
2	Pull the displayed table into the workspace at the upper left edge and press the mouse button.



Choose the following values in the dialog for the Grid1 properties:

Property	Value	Description
<b>X</b>	8	Position from left edge
<b>Y</b>	14	Position from upper edge
<b>Height</b>	420	Height of panel
<b>Width</b>	710	Width of panel




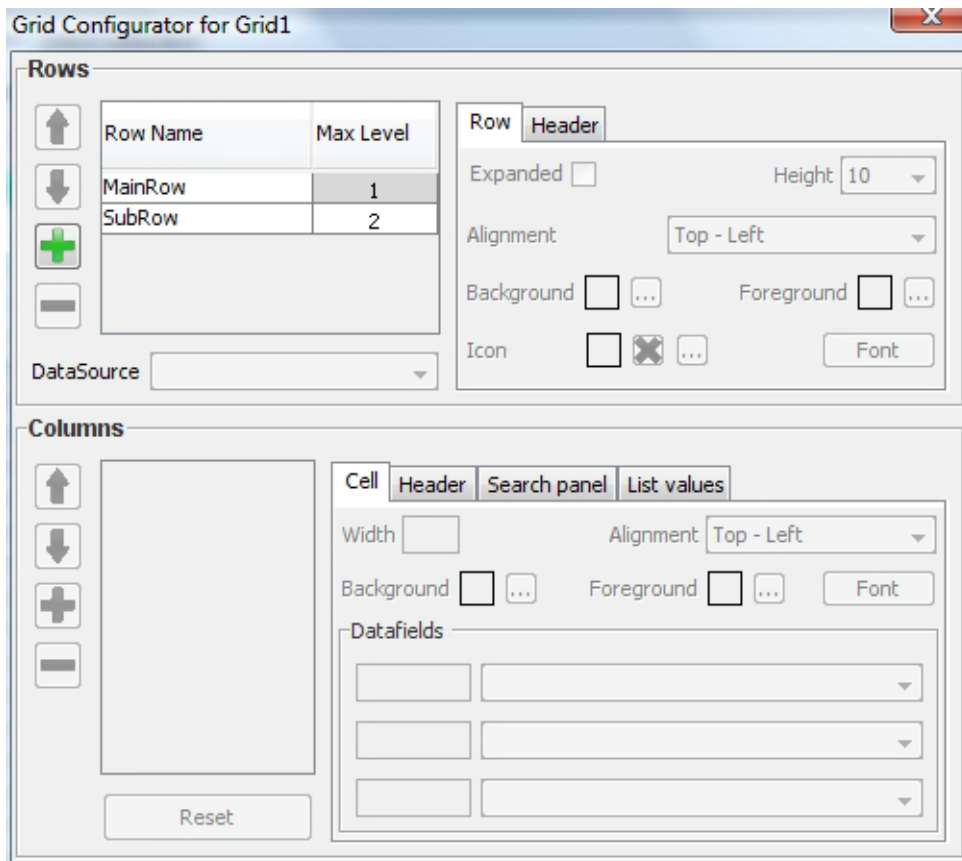
### 2.5.3 Defining Properties for Table Rows

The following information should be displayed for each record in the output table:

- In a main row: Name, department, and so on
- In a second row: Data on the assigned secretary
- In a third row: Additional data on the subscriber
- In three further rows: The products assigned to the subscriber in question

You use a special dialog to create properties for table rows. You can also use this dialog to set other properties.

Once you have created the worksheet with the output table, you can establish the connection to the database. You make the settings for this in the Grid Configurator dialog. Click the Value column next to the Configure property and then press the  button. The dialog below now appears.



Make the following settings:

- Select or create the rows and assign data sources.
- Select the columns for the selected row.
- Change the sequence of columns.
- Rename the columns for the current row.
- Change the column width.
- Assign a color to the main row.

## Creating Data View Dialogs

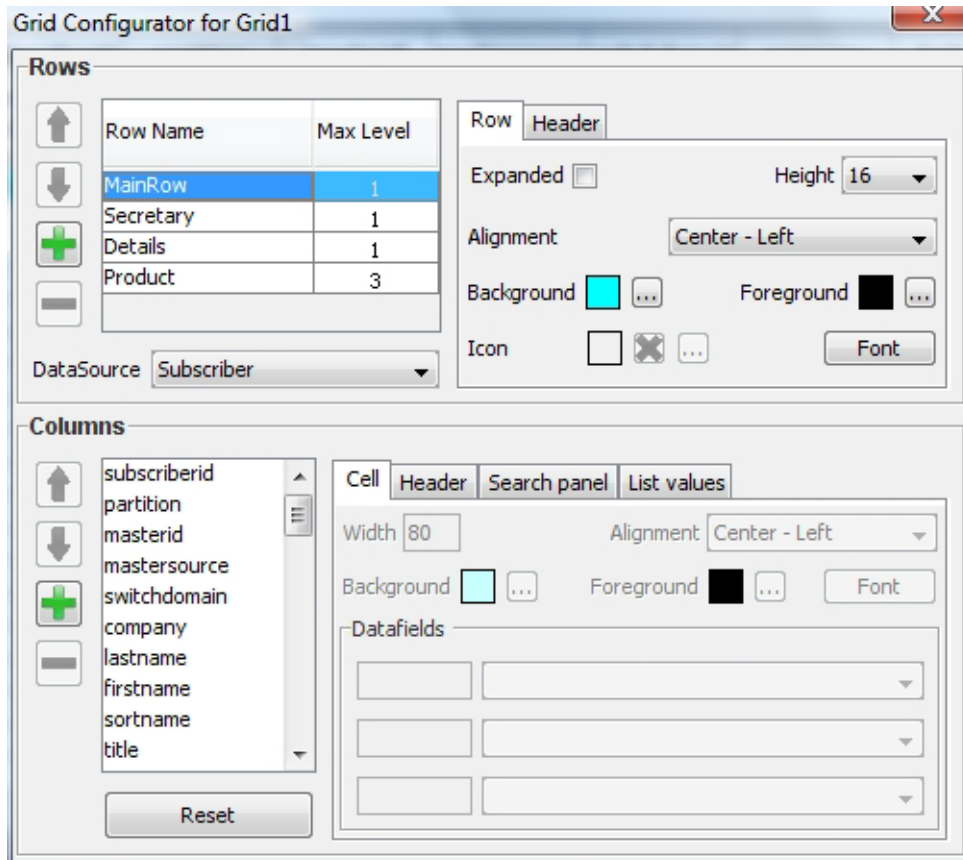
Setting up the «Search for subscribers» Worksheet

### 2.5.3.1 Selecting and Creating Rows

Proceed as described below to make settings for the rows:



Step	Row Name	Level	Data Source	Action
1	MainRow	1	Subscriber	The row name and level remain unchanged. Select <b>Subscriber</b> from the "Data Source" list. Deactivate the Visible property.
2	SubRow > Secretary	1	Secretary	Select SubRow and change to Secretary. Change the level from 2 to 1. Select <b>secretary</b> from the "Data Source" list.
3	+ SubRow > Details	1	Details	Use the + button to add a new SubRow, select it, and change to Details. Keep level 1. Select <b>Details</b> from the "Data Source" list.
4	+ SubRow > Product	3	CRSubsprod	Use the + button to add a new SubRow, select it, and change to Product. Keep level 1. Select <b>CRSubsprod</b> from the "Data Source" list.

Once you have made these settings, the dialog should appear as follows:



Close the dialog and save your settings by choosing **File -> Save**.

### 2.5.3.2 Defining Row Properties

Define the following properties on the **Row** tab. To define an icon, click the  button, go to the Images\GridIcons directory, and select the specified file name in the table. To determine the background, click the button  and enter the input values in on the RGB tab.

















Row	Expanded	Visible	Alignment	Background	Icon
MainRow			Center - Left	R:0 G:255 B:255	
Secretary		✓	Center - Center	R:200 G:255 B:255	Secr.gif
Details		✓	Center - Center	R:200 G:255 B:255	Person.gif
Product		✓	Center - Left	R:200 G:255 B:255	Product.gif



## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

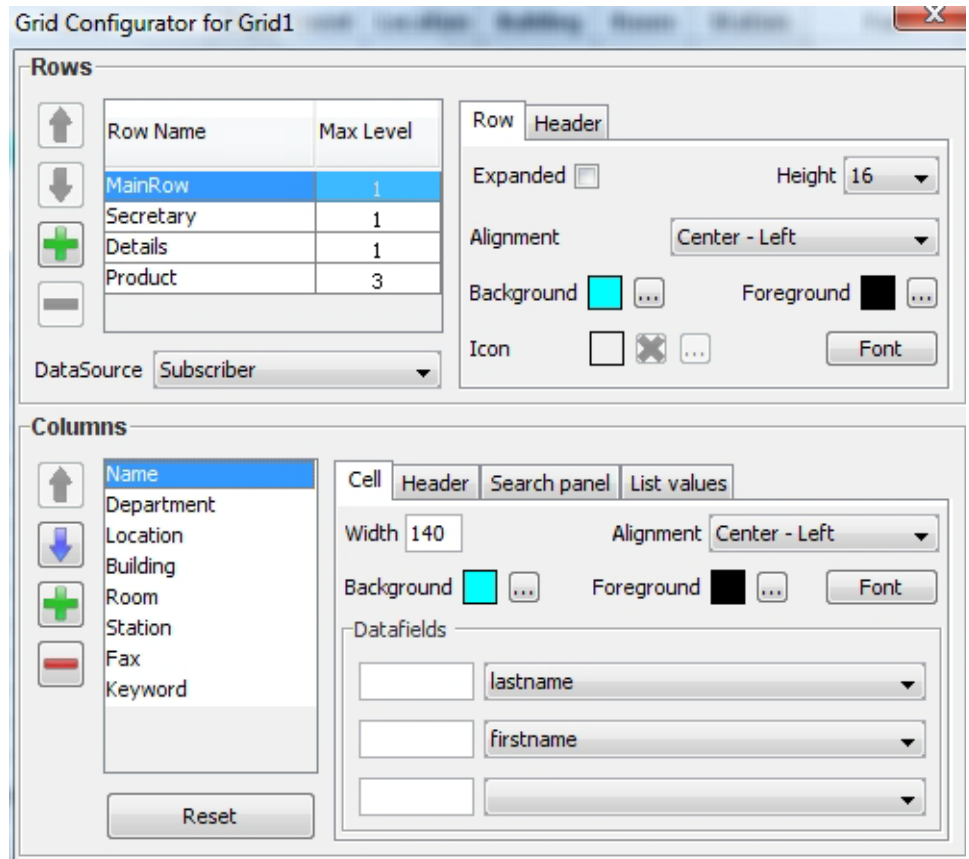
### 2.5.3.3 Select the MainRow Row and Assign, Rename, and Arrange Columns

If required, open the Grid Configurator dialog.

Step	Column Name	Position Width Alignment	Data Fields	Action
1	lastname > Name	1 140 Center - Left	lastname firstname	Select the 'lastname' column and rename it 'Name'. Use the  and  buttons to move the column name to the first position. Enter or select the column width and alignment. Exit the 'lastname' data field and select 'firstname' from the second list.
2	organization > Department	2 80 Center - Center	organization	Select the 'organization' column and rename it 'Department'. Use the  and  buttons to move the column name to the second position. Enter or select the column width and alignment. Exit the 'organization' data field.
3	address > Location	3 60 Center - center	address	Select the 'address' column and rename it 'Location'. Use the  and  buttons to move the column name to the third position. Enter or select the column width and alignment. Exit the 'address' data field.
4	building > Building	4 60 Center - Center	building	Select the 'building' column and rename it 'Building'. Use the  and  buttons to move the column name to the fourth position. Enter or select the column width and alignment. Exit the 'building' data field.
5	room > Room	5 50 Center - Center	room	Select the 'room' column and rename it 'Room'. Use the  and  buttons to move the column name to the fifth position. Enter or select the column width and alignment. Exit the 'room' data field.
6	intextension > Station	6 60 Center - Center	intextension	Select the 'intextension' column and rename it 'Station'. Use the  and  buttons to move the column name to the fifth position. Enter or select the column width and alignment. Exit the 'intextension' data field.
7	faxextension > Fax	7 80 Center - Center	faxextension	Select the 'faxextension' column and rename it 'Fax'. Use the  and  buttons to move the column name to the seventh position. Enter or select the column width and alignment. Exit the 'faxextension' data field.
8	text1 > Keyword	8 135 Center - Center	text1	Select 'text1' and rename it 'Keyword'. Use the  and  buttons to move the column name to the eighth position. Enter or select the column width and alignment. Exit the 'text1' data field.

Step	Column Name	Position Width Alignment	Data Fields	Action
9	 subscriberid to modifiedby	last to 9th		Delete all entries from the last column name up to and including the 9th column name in descending order using the  button.

The MainRow configuration should look like this:





















Close the dialog and save your settings by choosing **File -> Save**.

## Creating Data View Dialogs

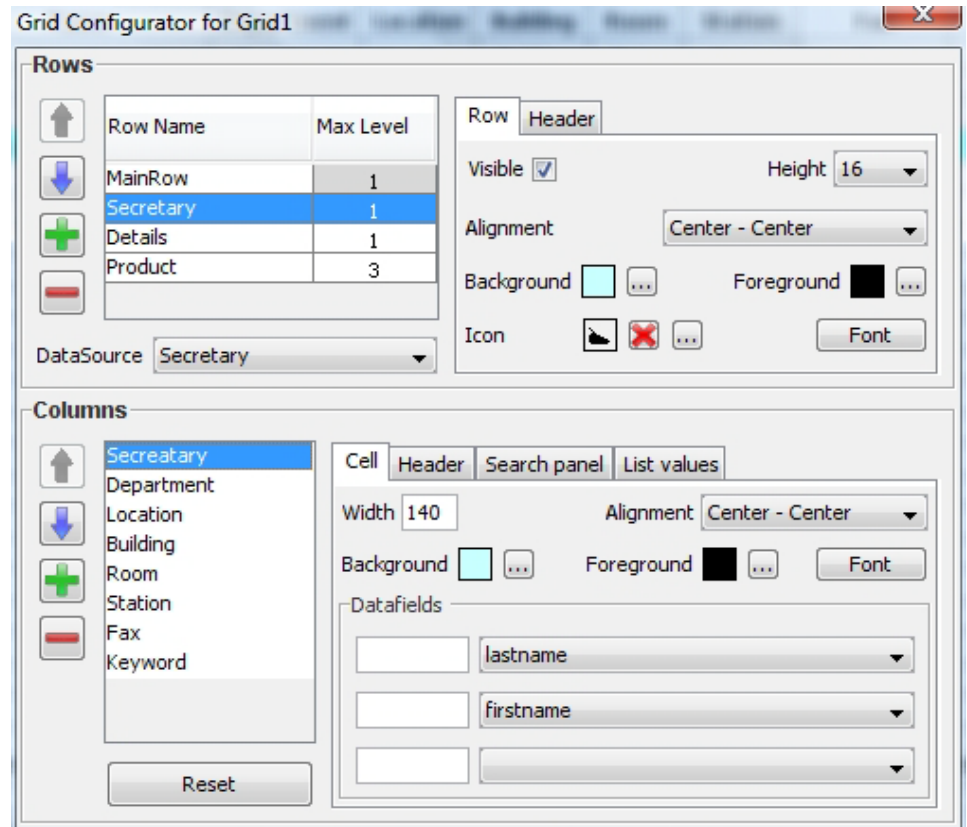
Setting up the «Search for subscribers» Worksheet

### 2.5.3.4 Select the Secretary Row and Assign, Rename, and Arrange Columns

If required, open the Grid Configurator dialog.

Step	Column Name	Position	Data Fields	Action
1	lastname > Secretary	1	lastname firstname	Select the 'lastname' column and rename it 'Secretary'. Use the  and  buttons to move the column name to the first position. Exit the 'lastname' data field and select 'firstname' from the second list.
2	organization > Department	2	organization	Select the 'organization' column and rename it 'Department'. Use the  and  buttons to move the column name to the second position. Exit the 'organization' data field.
3	address > Location	3	address	Select the 'address' column and rename it 'Location'. Use the  and  buttons to move the column name to the third position. Exit the 'address' data field.
4	building > Building	4	building	Select the 'building' column and rename it 'Building'. Use the  and  buttons to move the column name to the fourth position. Exit the 'building' data field.
5	room > Room	5	room	Select the 'room' column and rename it 'Room'. Use the  and  buttons to move the column name to the fifth position. Exit the 'room' data field.
6	intextension > Station	6	intextension	Select the 'intextension' column and rename it 'Station'. Use the  and  buttons to move the column name to the sixth position. Exit the 'intextension' data field.
7	faxextension > Fax	7	faxextension	Select the 'faxextension' column and rename it 'Fax'. Use the  and  buttons to move the column name to the seventh position. Exit the 'faxextension' data field.
8	text1 > Keyword	8	text1	Select 'text1' and rename it 'Keyword'. Use the  and  buttons to move the column name to the eighth position. Exit the 'text1' data field.
9	 subscriberid to modifiedby	last to 9th		Delete all entries from the last column name up to and including the 9th column name in descending order using the  button.

The Secretary configuration should look like this:




Close the dialog and save your settings by choosing **File -> Save**.

## Creating Data View Dialogs

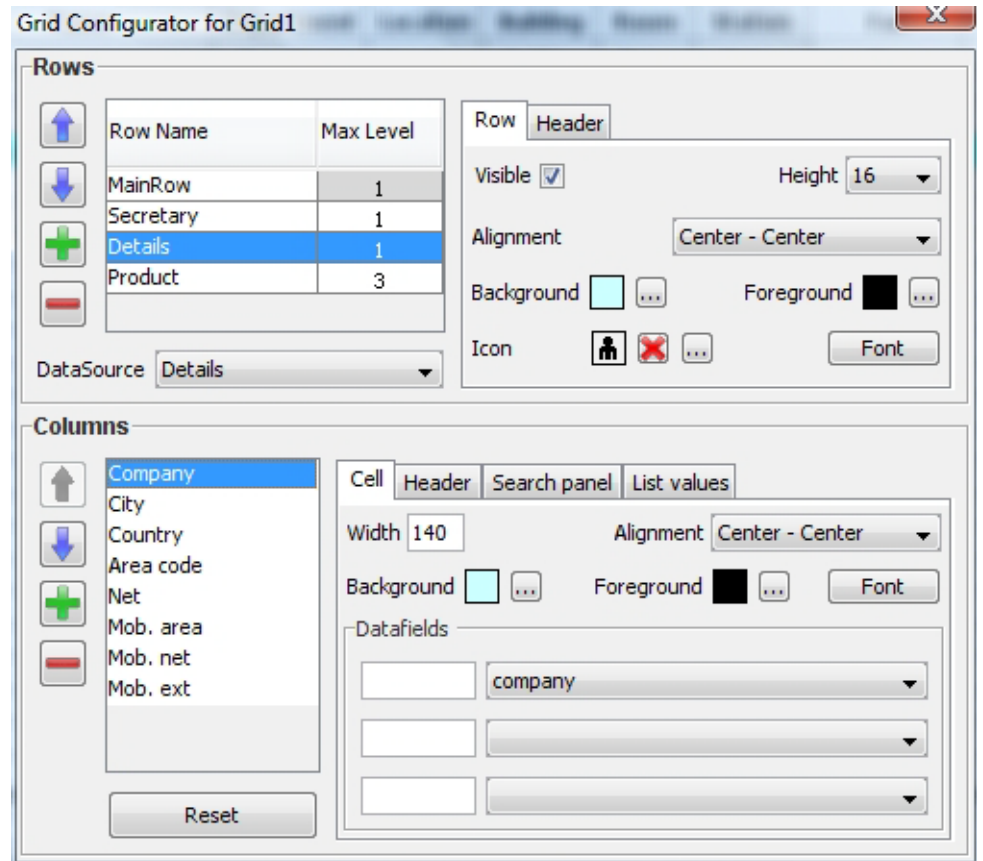
Setting up the «Search for subscribers» Worksheet

### 2.5.3.5 Select the Details Row and Assign, Rename, and Arrange Columns

If required, open the Grid Configurator dialog.

Step	Column Name	Position	Data Fields	Action
1	company > Company	1	company	Select the 'company' column and rename it 'Company'. Use the  and  buttons to move the column name to the first position. Exit the 'company' data field.
2	partition > City	2	partition	Select the 'partition' column and rename it 'City'. Use the  and  buttons to move the column name to the second position. Exit the 'partition' data field.
3	intcountry > Country	3	intcountry	Select the 'intcountry' column and rename it 'Country'. Use the  and  buttons to move the column name to the third position. Exit the 'intcountry' data field.
4	intareacode > Area code	4	intareacode	Select the 'intareacode' column and rename it 'Area code'. Use the  and  buttons to move the column name to the fourth position. Exit the 'intareacode' data field.
5	intnetcode > Net	5	intnetcode	Select the 'intnetcode' column and rename it 'Net'. Use the  and  buttons to move the column name to the fifth position. Exit the 'intnetcode' data field.
6	mobareacode > Mob. area	6	mobareacode	Select the 'mobareacode' column and rename it 'Mob. area'. Use the  and  buttons to move the column name to the sixth position. Exit the 'mobareacode' data field.
7	mobnetcode > Mob. net	7	mobnetcode	Select 'mobnetcode' and rename it 'Mob. net'. Use the  and  buttons to move the column name to the seventh position. Exit the 'mobnetcode' data field.
8	mobextension > Mob. ext	8	mobextension	Select 'mobextension' and rename it 'Mob. ext'. Use the  and  buttons to move the column name to the eighth position. Exit the 'mobextension' data field.
9	 subscriberid to modifiedby	last to 9th		Delete all entries from the last column name up to and including the 9th column name in descending order using the  button.

The Details configuration should look like this:








Close the dialog and save your settings by choosing **File -> Save**.

## Creating Data View Dialogs

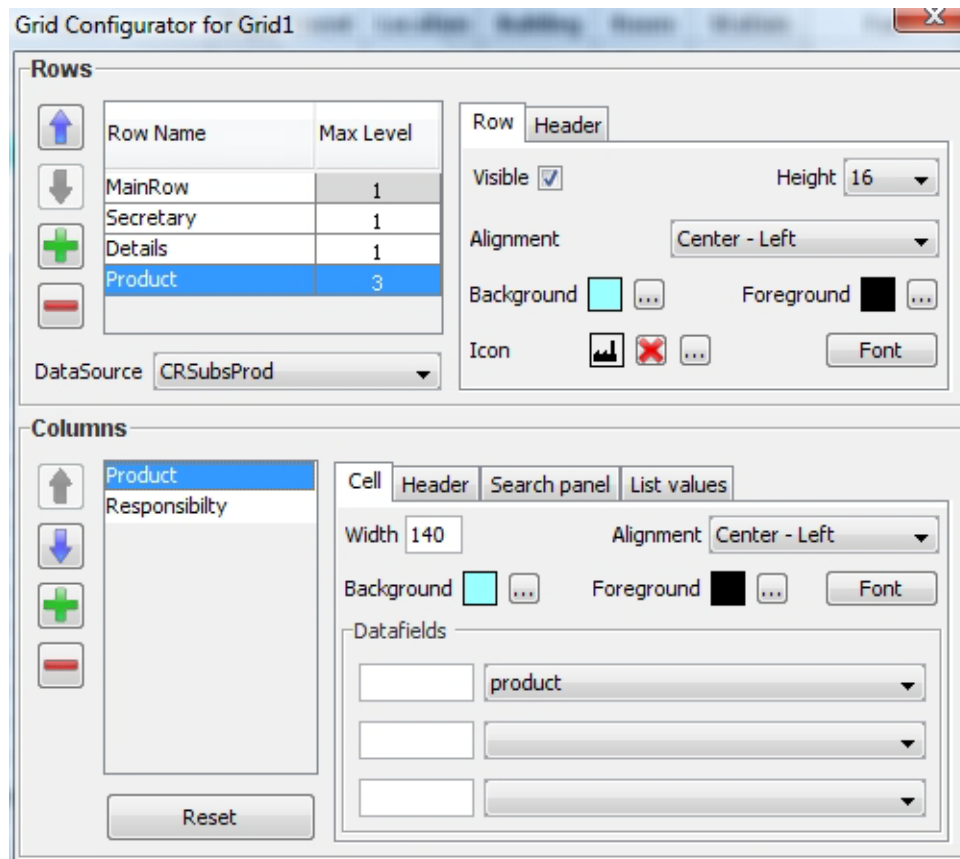
Setting up the «Search for subscribers» Worksheet

### 2.5.3.6 Select the Product Row and Assign, Rename, and Arrange Columns

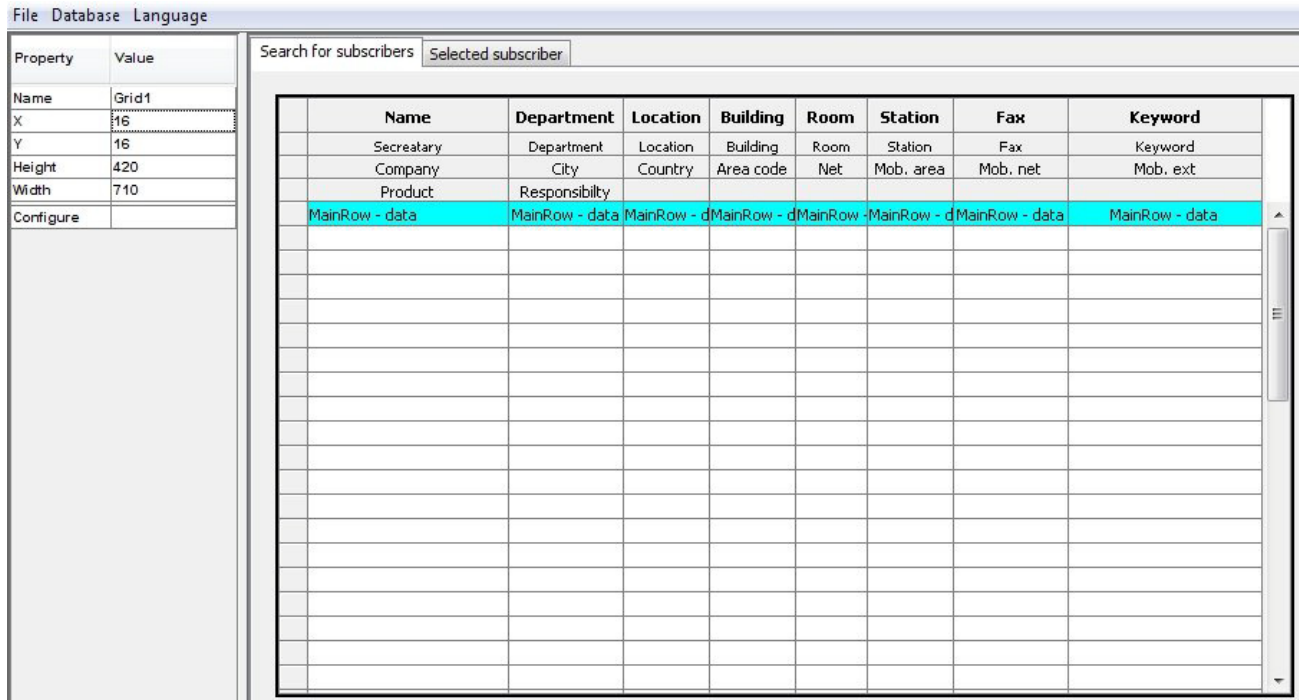
If required, open the Grid Configurator dialog.

Step	Column Name	Position	Data Fields	Action
1	product > Product	1	product	Select the 'product' column and rename it 'Product'. Use the  and  buttons to move the column name to the first position. Exit the 'product' data field.
2	responsibility > Responsibility	2	responsibility	Select the 'responsibility' column and rename it 'Responsibility'. Use the  and  buttons to move the column name to the second position. Exit the 'responsibility' data field.
3				Delete the rest of the entries using the  button.

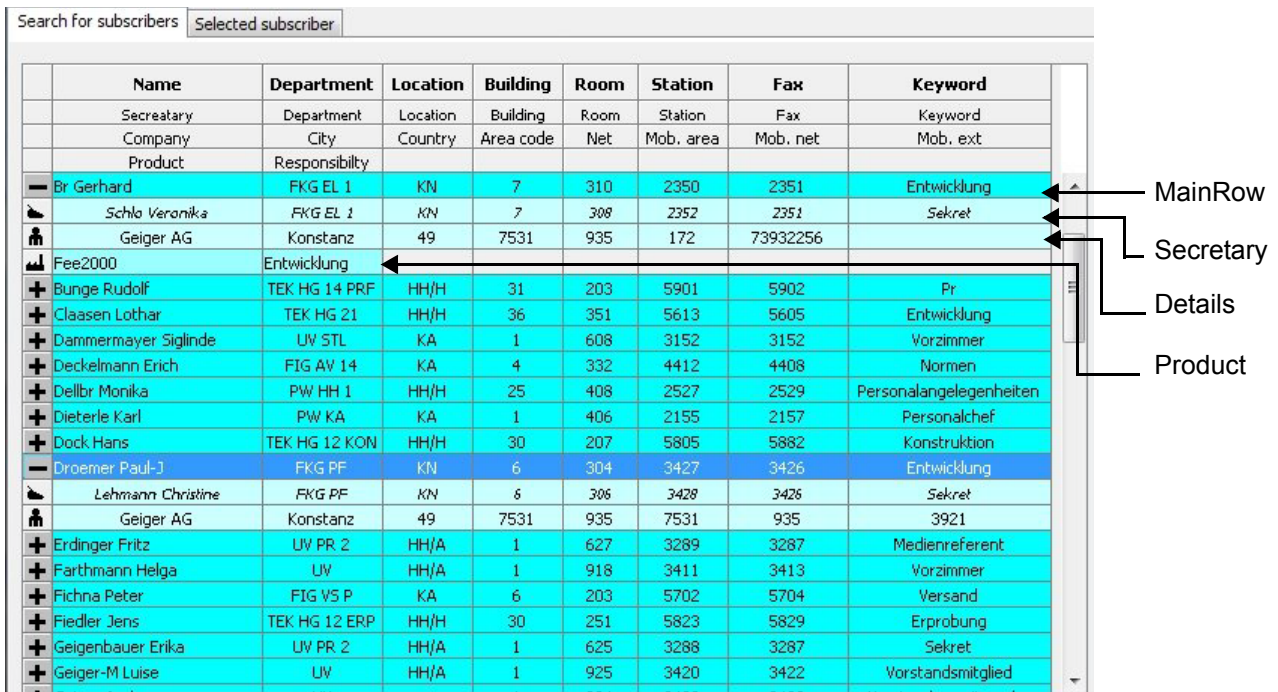
The Product configuration should look like this:



The table thus created should look roughly like this:



Same table in DS-View:



Close the dialog and save your settings by choosing **File -> Save**.

## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

### 2.5.4 Creating the Search Panel

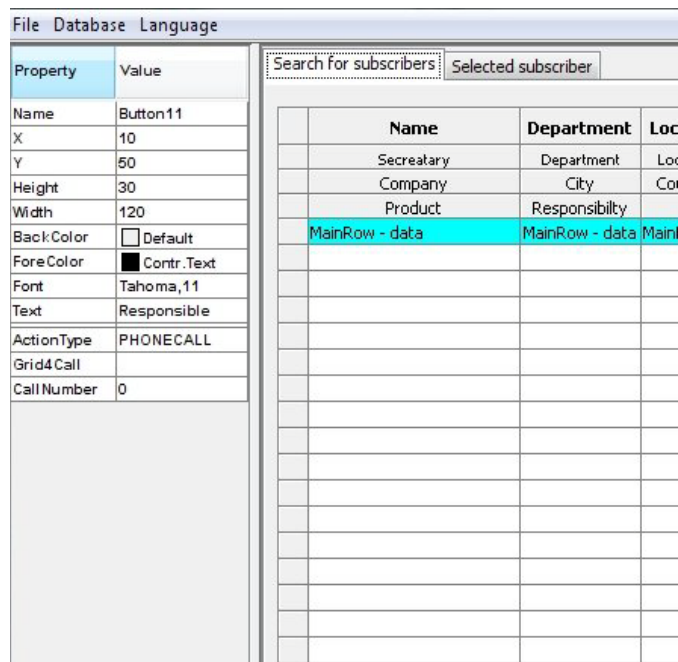
Click in the workspace to activate the properties window for **TabPanel5** in order to create the search panel for the 'Search for subscribers' worksheet.

Step	Action
1	Click the Search UI element.
2	Pull the displayed panel into the lower area of the workspace and press the mouse button.

#### 2.5.4.1 Defining Properties for the Search Panel


Choose the following values in the dialog for the SearchPanel1 properties:

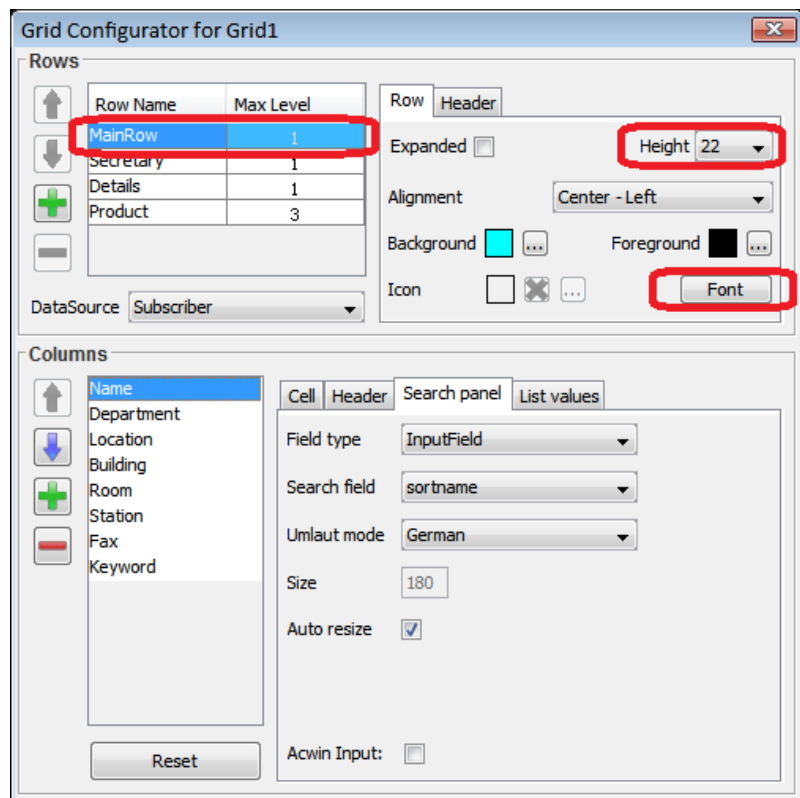
Property	Value	Description
X	16	Position from left edge (same as for the table)
Y	450	Position from top edge (below the table)
Height	30	Height of panel
Width	710	Width of panel
Grid4Search	Grid1	Select table 1. The columns are adopted for the search panel.



### 2.5.4.2 Defining the Search Options

You define the search options in the "Grid Configurator" dialog.

Step	Action
1	Click the Value column next to the Configure property and then press the  button. The "Grid Configurator" dialog appears.
2	Perform the following settings in the "Rows" area: <ol style="list-style-type: none"> <li>1. Select the "MainRow" row.</li> <li>2. Set the height of the row via the "Height" drop-down menu, e.g. increase to 30.</li> <li>3. Set the font via the "Font" button.</li> </ol>



Step	Action
3	Select the "Search panel" tab in the "Columns" area.
4	Select the options which are described in the «Options for the "Search panel" tab» table.
5	Close the dialog and save your settings by choosing <b>File -&gt; Save</b> .

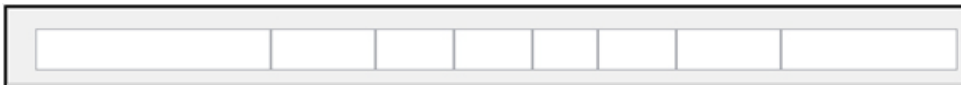
## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

Options for the "Search panel" tab:

Column Name	Field type	Search field	Umlaut mode
Name	InputField	sortname	German
Department	InputField	organization	No Umlaut
Location	InputField	address	No Umlaut
Building	InputField	building	No Umlaut
Room	InputField	room	No Umlaut
Station	InputField	intextension	No Umlaut
Fax	InputField	faxextension	No Umlaut
Keyword	InputField	text1	German

The search panel looks as follows after these settings:



The "Auto resize" checkbox is for simultaneous resizing of the search panel with the grid.


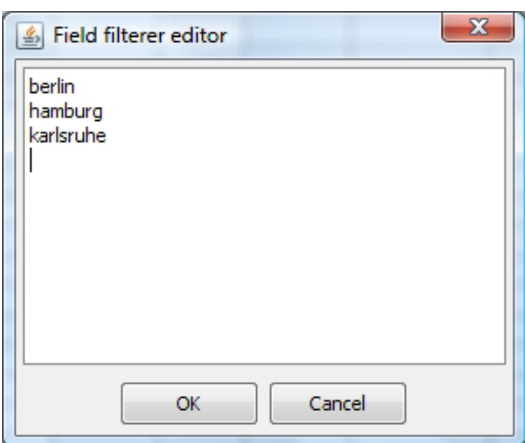
The "Acwin Input" checkbox is for focus set from AC-Win. Any keypress in AC-Win will focus on the DS-Win search field where this option is checked.



## Creating Data View Dialogs

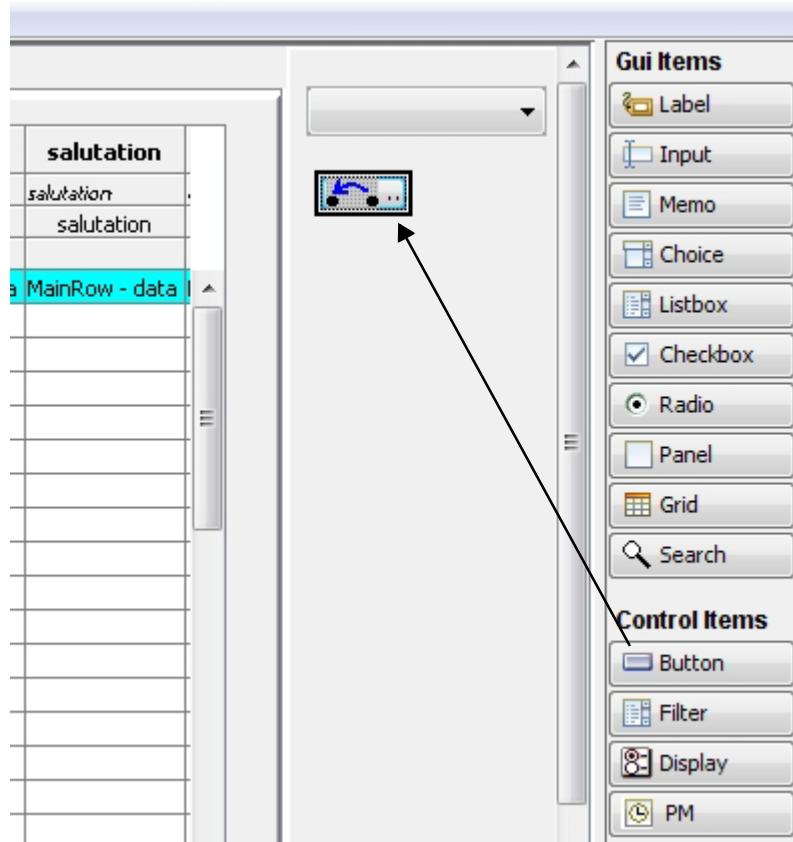
### Setting up the «Search for subscribers» Worksheet

Define the following properties:

Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	20	Vertical offset
3	Height	25	Button height
4	Width	120	Button width
5	Grid4Filter	Grid1	Select Grid1 from the drop-down list.
6	DataField	partition	Select partition from the drop-down list.
7	Filters		Click the Value column and then click the button.
7			In the "Field filterer editor" that opens, enter the values "Berlin", "Hamburg" and "Karlsruhe" and confirm your entries by pressing <b>OK</b> .

### 2.5.5.2 Creating the Subscriber Button

Click the Button element in the library and pull it onto ControlPanel5.



Define the following properties:

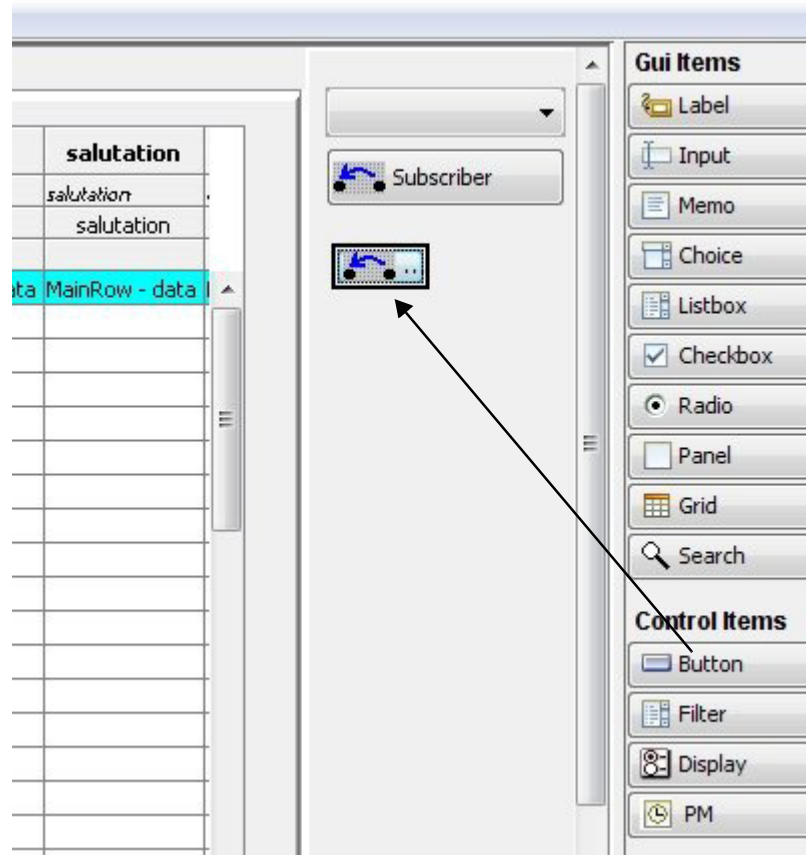
Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	50	Vertical offset
3	Height	30	Button height
4	Width	120	Button width
5	Text	Subscriber	Change the button label.
6	ActionType	PHONECALL	Keep PHONECALL as the action type.
7	Grid4Call	Grid1	Select Grid1 from the drop-down list.
8	CallNumber	0	Select 0 from the drop-down list.

## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

### 2.5.5.3 Creating the Send Mail Button

Click the Button element in the library and pull it onto ControlPanel5. The standard Call button is inserted.

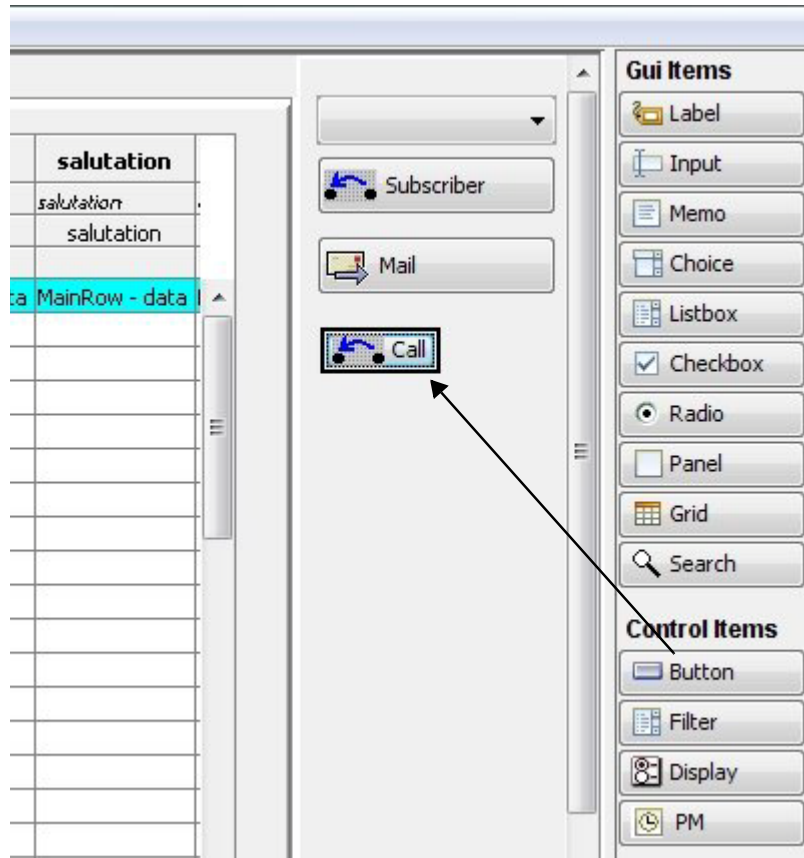


Define the following properties:

Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	90	Vertical offset
3	Height	30	Button height
4	Width	120	Button width
5	Text	Send Mail	Change the button label.
6	ActionType	MAIL	Select MAIL from the drop-down list.
7	Grid4Email	Grid1	Select Grid1 from the drop-down list.

### 2.5.5.4 Creating the Print Button

Click the Button element in the library and pull it onto ControlPanel5. The standard Call button is inserted.



Define the following properties:

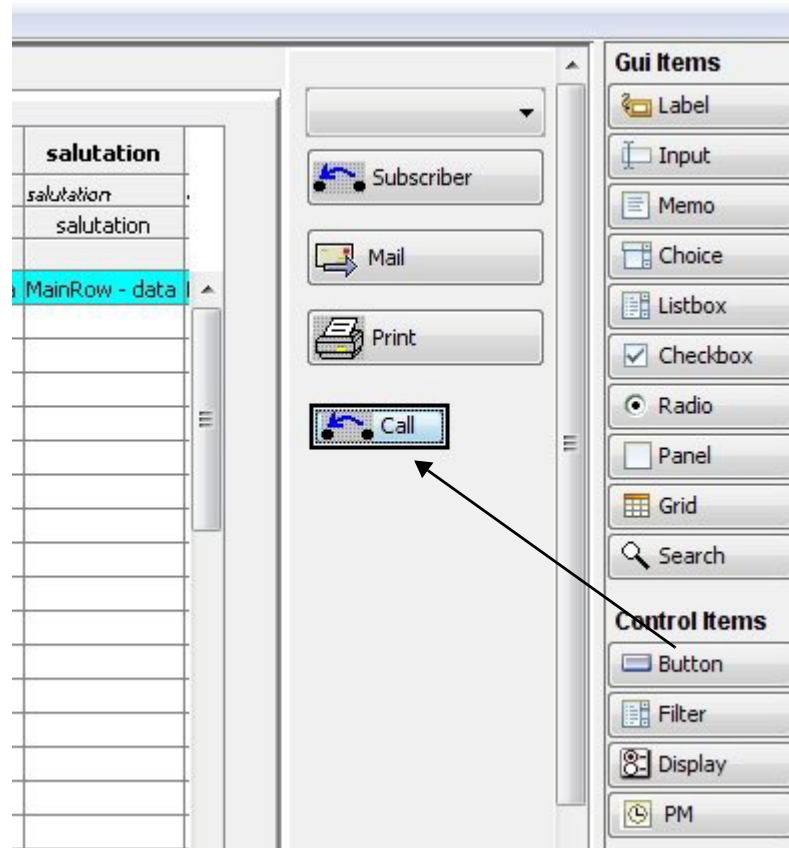
Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	130	Vertical offset
3	Height	30	Button height
4	Width	120	Button width
5	Text	Printing	Change the button label.
6	ActionType	PRINT	Select PRINT from the drop-down list.
7	Grid4Print	Grid1	Select Grid1 from the drop-down list.

## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

### 2.5.5.5 Creating the Result Button

Click the Button element in the library and pull it onto ControlPanel5. The standard Call button is inserted.

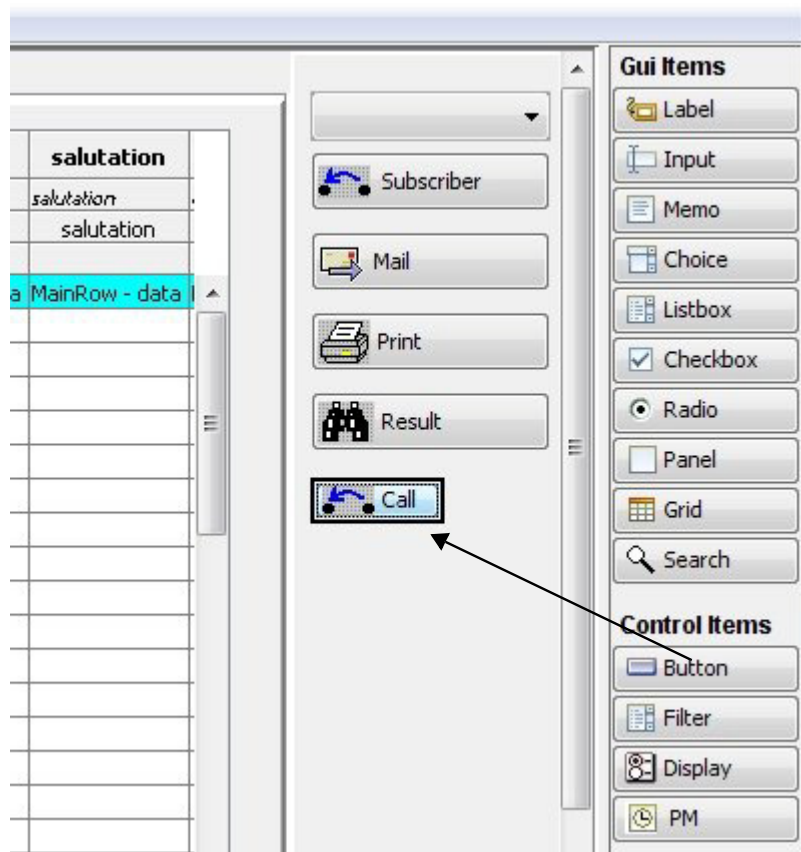


Define the following properties:

Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	170	Vertical offset
3	Height	30	Button height
4	Width	120	Button width
5	Text	Result	Change the button label.
6	ActionType	SEARCH	Select SEARCH from the drop-down list.
7	SearchPanel	SearchPanel1	Select SearchPanel1 from the drop-down list.

### 2.5.5.6 Creating the Clear Button

Click the Button element in the library and pull it onto ControlPanel5. The standard Call button is inserted.



Define the following properties:

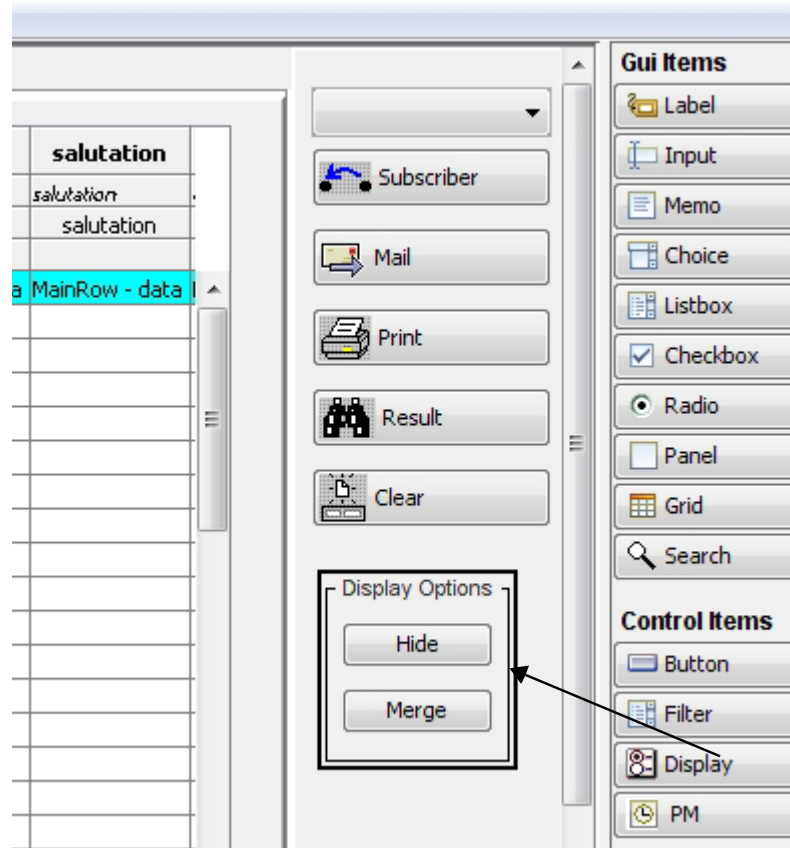
Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	210	Vertical offset
3	Height	30	Button height
4	Width	120	Button width
5	Text	Clear	Change the button label.
6	ActionType	CLEAR	Select CLEAR from the drop-down list.
7	Grid4Clear	Grid1	Select Grid1 from the drop-down list.

## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

### 2.5.5.7 Creating the Display Options Box

Click the Display element in the library and pull it onto ControlPanel5. The standard Display Options display element is inserted.

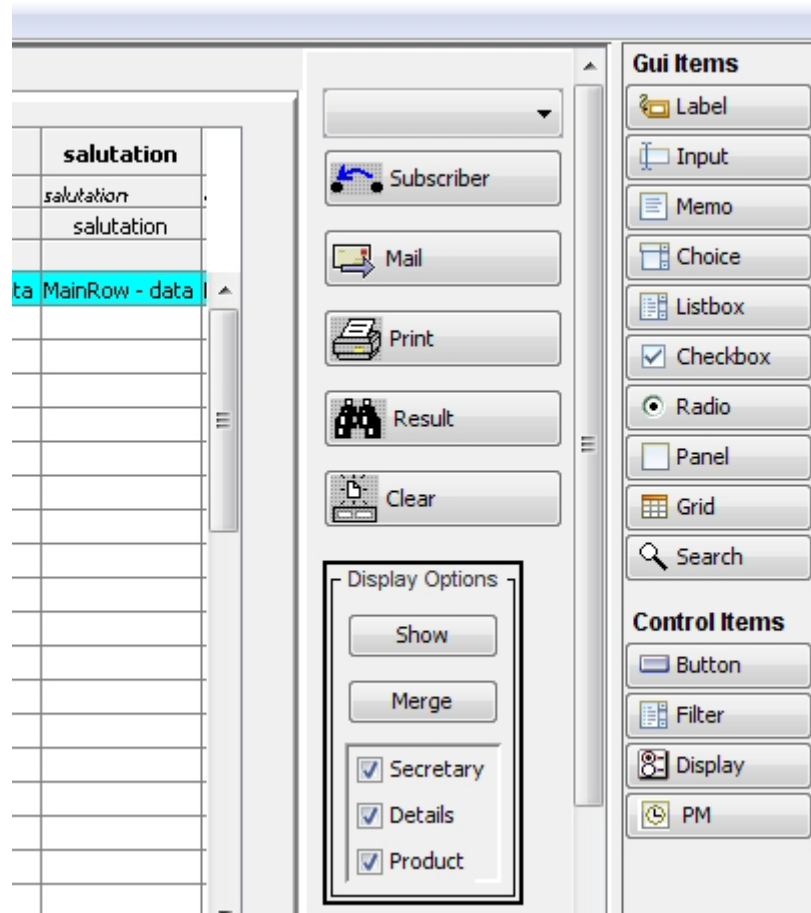


Define the following properties:

Step	Property	Value	Description
1	X	10	Horizontal offset
2	Y	256	Vertical offset
3	Height	172	Height of box
4	Width	100	Width of box
5	Border Title	Display Options	Change the button label.
6	Grid4Display	Grid1	Select Grid1 from the drop-down list.

Step	Property	Value	Description
<b>Properties of the 'Show' and 'Merge' Buttons</b>			
7			Click the 'Show' button.
8	Height	23	Button height
9	Width	80	Button width
10	Texts	Hide/Show	Change the button label.
11			Click the Merge button.
12	Height	23	Button height
13	Width	80	Button width
14	Texts	Structured/Unstructured	Change the button label.

The completed dialog control for the 'Search for subscribers' table should look roughly like this:



## Creating Data View Dialogs

Setting up the «Search for subscribers» Worksheet

### 2.5.6 Inserting a Presence Window

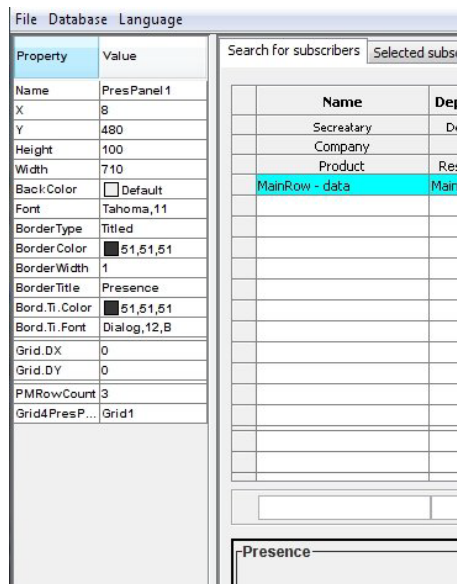
Click in the workspace to activate the properties window for **TabPanel5** in order to create the presence window.

Step	Action
1	Click the PM control item.
2	Pull the displayed box into the lower area of the worksheet and press the mouse button.

#### 2.5.6.1 Defining Properties for the Presence Window

Choose the following values in the dialog for the PresPanel1 properties:

Property	Value	Description
X	16	Position from left edge (same as for the table)
Y	480	Position from top edge (below the search panel)
Height	100	Height of box
Width	710	Width of box
Border Type	Titled	Select Titled from the drop-down list.
Border Title	Presence	Change to Presence.
RMRowCount	3	Select a value such as 3 from the list. The presence data is then displayed in three rows.
Grid4PresP	Grid1	Select table 1.



## 2.5.7 Increasing the Speed of the Subscriber Search

### Overview

In DS-Win, the records are sorted according to the selected column and the selected default order which was defined in the GUI Designer.

Indexes in the database increase the speed of the search result. These indexes depend on their definition in the GUI Designer. In DS-Win V4 R6.11.0 and later, there are correct indexes for the default user interface.

The standard order can be set in the Data Resource Manager at the "Data Sources" tab. Also refer to Section 2.3.2, "Defining the Connection to the Database, Tables, and Data Sources".

### Procedure

Proceed as follows:

1. Start the GUI Designer via **Start -> Programs -> DS-Win V4 -> GUI Designer**. The GUI Designer opens with an empty worksheet.
2. Open the Data Resource Manager via **Database -> Configure**. The Data Resource Manager opens; it contains the "Database Driver", "Database Connections", "Data Sources" tabs.
3. In the Data Resource Manager, switch to the **Data Sources** tab.
4. Select the **subscriber** entry in the "Data Sources" list, and select the **counter** entry in the "Def. Order" drop-down menu. This is also the default assignment.
5. Select the required output table, and open the "Grid Configurator" configuration window. Refer to Section 2.5.2, "Creating an Output Table" and Section 2.5.3, "Defining Properties for Table Rows".
6. Check the "MainRow" columns and check the "Search field" on the "Search panel" tab.
7. Create a new index for each column if not yet defined.

### Example of a PostgreSQL Database

For a PostgreSQL database, the index `subscriber_@organization_cnt` shall be created for the `Department` column. The index is defined as follows:

```
CREATE INDEX "subscriber_@organization_cnt"
  ON dsw.subscriber
  USING btree
  (organization,counter);
```

## Creating Data View Dialogs

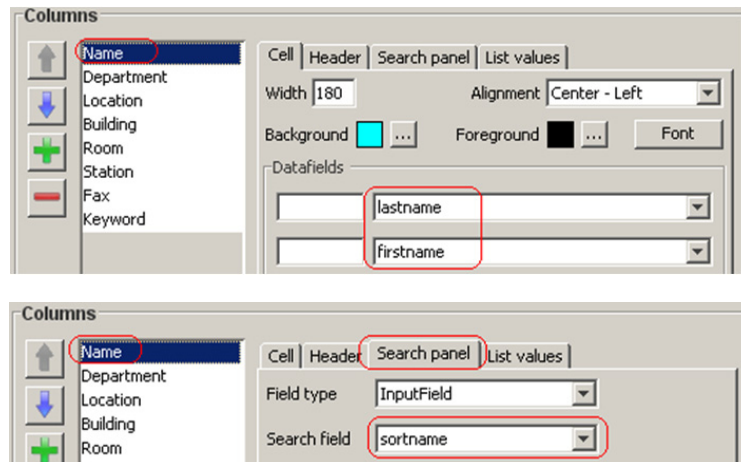
### Setting up the «Search for subscribers» Worksheet

On the "Cell" tab, the **Department** column is assigned to the **organization** value. In the "Search field" on the "Search panel" tab, the **Department** column is also assigned to the **organization** value.

Also, refer to Section 2.5.4.2, "Defining the Search Options".

### Multiple Data Records

On the "Cell" tab, the multiple data field in the **Name** column is assigned to the **lastname** and **firstname** values; on the "Search panel" tab in the "Search field", the multiple data field in the **Name** column is assigned to the **sortname** value.



For this multiple data record, the following indexes have to be added:

```
CREATE INDEX "subscriber_@firstname_cnt"
  ON dsw.subscriber
  USING btree
  (firstname, counter);
CREATE INDEX "subscriber_@lastname_cnt"
  ON dsw.subscriber
  USING btree
  (lastname, counter);
CREATE INDEX "subscriber_@sortname_cnt"
  ON dsw.subscriber
  USING btree
  (sortname, organization);
```

The order of the column indexes is very important.

#### Example

For the `subscriber_@sortname_cnt`, the correct order is `sortname`, `counter` because `sortname` is the column name which is used on the "Search panel" tab in the "Search field". This search field must be placed first. After this, the default order always applies which was defined in the GUI Designer.

#### Scripts for the Database Upgrade

To upgrade an already existing PostgreSQL database, the `postgre_index.sql` script already exists. This script can be found in the PostgreSQL folder of the installation data. You can start it by the following command: `C:\PSQL\9.2\bin\psql" -dpostgres -p5432 -Upostgres -f "postgre_index.sql"`

To upgrade an MySQL database, the `MySQL_index.sql` script exists. To upgrade an MSSQL database, the `mssql_index.sql` script exists.

## Creating Data View Dialogs

Setting up the «Selected subscriber» Worksheet

### 2.6 Setting up the «Selected subscriber» Worksheet

To enable you to gain a better view of a single record and to edit it, you arrange the data fields in logical groups on the second worksheet. This worksheet should look roughly like this:

The screenshot shows a software window titled "File Database Language" with a "Selected subscriber" tab. The window is divided into several sections for data entry:

- Subscriber:** Fields for Name, Title, First name, Salutation, and Sortname.
- Organization:** Fields for Department, Company, and City.
- Address:** Fields for Location, Building, Room, and a dropdown menu for Address.
- Keywords:** A text area for entering keywords.
- Info:** A large blacked-out area, likely for a photo or logo.
- eMail address:** A text field for an email address.
- Secretary:** A dropdown menu for selecting a secretary.
- Stations:** A table with columns for Country, Area code, Net code, Tie number, Extension, and Internal station. It includes input fields for Internal, Alternate, Mobile, and Fax.

On the right side, there are navigation buttons: Subscriber, Secretary, Print, First, Previous, Next, and Last.

#### 2.6.1 Creating Group Boxes

First, the following group boxes are created on the worksheet:

- Participant
- Organization
- Address
- Keywords
- Info
- eMail Address
- Secretary
- Stations

For each of these group boxes, pull a Panel GUI item into the workspace. Choose the following values in the dialog for the group box properties:

Property	Value	Description
<b>Subscriber group box (Panel1)</b>		
<b>X</b>	8	Position from left edge
<b>Y</b>	12	Position from upper edge
<b>Height</b>	110	Height of group box
<b>Width</b>	360	Width of group box
<b>Border Type</b>	Titled	Select Titled from the drop-down list.
<b>Border Title</b>	Subscriber	Change to Subscriber.
<b>Organization group box (Panel2)</b>		
<b>X</b>	375	Position from left edge
<b>Y</b>	12	Position from upper edge
<b>Height</b>	85	Height of group box
<b>Width</b>	335	Width of group box
<b>Border Type</b>	Titled	Select Titled from the drop-down list.
<b>Border Title</b>	Organization	Change to Organization.
<b>Address group box (Panel3)</b>		
<b>X</b>	8	Position from left edge
<b>Y</b>	122	Position from upper edge
<b>Height</b>	85	Height of group box
<b>Width</b>	360	Width of group box
<b>Border Type</b>	Titled	Select Titled from the drop-down list.
<b>Border Title</b>	Address	Change to Address.
<b>Keywords group box (Panel4)</b>		
<b>X</b>	375	Position from left edge
<b>Y</b>	97	Position from upper edge
<b>Height</b>	85	Height of group box
<b>Width</b>	335	Width of group box
<b>Border Type</b>	Titled	Select Titled from the drop-down list.
<b>Border Title</b>	Keywords	Change to Keywords.

## Creating Data View Dialogs

Setting up the «Selected subscriber» Worksheet

Property	Value	Description
<b>Info group box (Panel9)</b>		
X	8	Position from left edge
Y	207	Position from upper edge
Height	95	Height of group box
Width	360	Width of group box
Border Type	Titled	Select Titled from the drop-down list.
Border Title	Info	Change to Info.
<b>eMail Address group box (Panel7)</b>		
X	375	Position from left edge
Y	182	Position from upper edge
Height	60	Height of group box
Width	335	Width of group box
Border Type	Titled	Select Titled from the drop-down list.
Border Title	eMail Address	Change to eMail Address.
<b>Stations group box (Panel5)</b>		
X	8	Position from left edge
Y	302	Position from upper edge
Height	150	Height of group box
Width	705	Width of group box
Border Type	Titled	Select Titled from the drop-down list.
Border Title	Stations	Change to Stations.
<b>Secretary group box (Panel8)</b>		
X	375	Position from left edge
Y	242	Position from upper edge
Height	60	Height of group box
Width	335	Width of group box
Border Type	Titled	Select Titled from the drop-down list.
Border Title	Secretary	Change to Secretary.

## 2.6.2 Inserting Data Fields

In the group boxes (Subscriber, Organization, Address, Keywords, Info, eMail, Secretary and Stations), create the data fields as described in the example. For each data field, pull an **Input** GUI item into the group box in question. Choose the following values in the dialog for the data field properties:

Property	Value	Description
<b>Name (Input 3) in the Subscriber group box</b>		
X	85	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	170	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	lastname	Select lastname from the drop-down list.
<b>First Name (Input 1) in the Subscriber group box</b>		
X	85	Position from left edge
Y	50	Position from upper edge
Height	20	Height of group box
Width	140	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	firstname	Select firstname from the drop-down list.
<b>Title (Input 2) in the Subscriber group box</b>		
X	300	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	45	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	title	Select title from the drop-down list.
<b>Salutation (Input 6) in the Subscriber group box</b>		
X	300	Position from left edge
Y	50	Position from upper edge
Height	20	Height of group box
Width	45	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	salutation	Select salutation from the drop-down list.
<b>Sortname (Input 4) in the Subscriber group box</b>		
X	85	Position from left edge
Y	73	Position from upper edge
Height	20	Height of group box
Width	260	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.

## Creating Data View Dialogs

Setting up the «Selected subscriber» Worksheet

Property	Value	Description
DataField	sortname	Select sortname from the drop-down list.
<b>Department (Input 7) in the Organization group box</b>		
X	80	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	240	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	organization	Select organization from the drop-down list.
<b>Company (Input 8) in the Organization group box</b>		
X	80	Position from left edge
Y	50	Position from upper edge
Height	20	Height of group box
Width	100	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	company	Select company from the drop-down list.
<b>City (Input 9) in the Organization group box</b>		
X	220	Position from left edge
Y	50	Position from upper edge
Height	20	Height of group box
Width	100	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	partition	Select partition from the drop-down list.

Property	Value	Description
<b>Location (Input 10) in the Address group box</b>		
X	70	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	75	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	address	Select address from the drop-down list.
<b>Building (Input 11) in the Address group box</b>		
X	200	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	50	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	building	Select building from the drop-down list.
<b>Room (Input 12) in the Address group box</b>		
X	295	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	50	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	room	Select "room" from the drop-down list.
<b>Keywords (Input 14) in the Keywords group box</b>		
X	15	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	305	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	text1	Select text1 from the drop-down list.
<b>Keywords (Input 15) in the Keywords group box</b>		
X	15	Position from left edge
Y	50	Position from upper edge
Height	20	Height of group box
Width	305	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	text2	Select text2 from the drop-down list.
<b>eMail Address (Input 5) in the eMail Address group box</b>		
X	15	Position from left edge
Y	25	Position from upper edge
Height	20	Height of group box
Width	305	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.

## Creating Data View Dialogs

Setting up the «Selected subscriber» Worksheet

Property	Value	Description
DataField	email	Select email from the drop-down list.
<b>Pull a Choice element from the GUI items into each of the following two group boxes</b>		
<b>Address (ChoiceList1) in the Address group box</b>		
X	70	Position from left edge
Y	50	Position from upper edge
Height	22	Height of group box
Width	280	Width of group box
DataSource	Address	Select Address from the drop-down list.
DataField	location	Select location from the drop-down list.
<b>Secretary (ChoiceList2) in the Secretary group box</b>		
X	70	Position from left edge
Y	50	Position from upper edge
Height	22	Height of group box
Width	280	Width of group box
DataSource	Secretary	Select Secretary from the drop-down list.
DataField	sortname	Select sortname from the drop-down list.
<b>Use the Memo element from the GUI items for the following group box</b>		
<b>Info (Memo1) in the Info group box</b>		
X	15	Position from left edge
Y	25	Position from upper edge
Height	55	Height of group box
Width	330	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	info	Select info from the drop-down list.
<b>Country/Internal (Input 17) in the Stations group box</b>		
X	90	Position from left edge
Y	40	Position from upper edge
Height	20	Height of group box
Width	40	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	intcountry	Select intcountry from the drop-down list.
<b>Area code (Input 18) in the Stations group box</b>		
X	175	Position from left edge
Y	40	Position from upper edge
Height	20	Height of group box
Width	50	Width of group box
DataSource	Subscriber	Select Subscriber from the drop-down list.
DataField	intareacode	Select intareacode from the drop-down list.

<b>Property</b>	<b>Value</b>	<b>Description</b>
<b>Net code/Internal (Input 19) in the Stations group box</b>		
<b>X</b>	255	Position from left edge
<b>Y</b>	40	Position from upper edge
<b>Height</b>	20	Height of group box
<b>Width</b>	65	Width of group box
<b>DataSource</b>	Subscriber	Select Subscriber from the drop-down list.
<b>DataField</b>	intnetcode	Select intnetcode from the drop-down list.
<b>Tie number/Internal (Input 20) in the Stations group box</b>		
<b>X</b>	380	Position from left edge
<b>Y</b>	40	Position from upper edge
<b>Height</b>	20	Height of group box
<b>Width</b>	40	Width of group box
<b>DataSource</b>	Subscriber	Select Subscriber from the drop-down list.
<b>DataField</b>	inttienum	Select inttienum from the drop-down list.

## Creating Data View Dialogs

Setting up the «Selected subscriber» Worksheet

Property	Value	Description
<b>Extension/Internal (Input 21) in the Stations group box</b>		
<b>X</b>	470	Position from left edge
<b>Y</b>	40	Position from upper edge
<b>Height</b>	20	Height of group box
<b>Width</b>	80	Width of group box
<b>DataSource</b>	Subscriber	Select Subscriber from the drop-down list.
<b>DataField</b>	intextension	Select "intextension" from the drop-down list.

---

**NOTE:** .Position all other fields in accordance with the delivered example and assign the relevant values to complete the group boxes.

---

### 2.6.3 Giving Fields Labels

A label is added to each field.

<b>Drag the relevant number of label elements from the GUI items into the group boxes.</b>		
<b>Example: Label9 for Name</b>		
<b>X</b>	15	Position from left edge
<b>Y</b>	25	Position from upper edge
<b>Height</b>	20	Height of label
<b>Width</b>	41	Width of label
<b>Font</b>	Tahoma, 11	Choose a font and size.
<b>Text</b>	Name	Enter a text for the label.

Proceed for the other labels in the same way as for Name.

## 2.7 Saving and Triggering Dialogs

### 2.7.1 Saving Complete Dialogs

Save the dialog using the required name.

---

**NOTE:** When creating dialogs, save your work from time to time to prevent settings from being lost.

---

### 2.7.2 Triggering Complete Dialogs

Open the DS-Win application from the **DS-Win V4** program. The DS-Win data view is opened with a preset standard dialog. Load the required dialog under **Open File**. If you have already saved the new dialog as the default dialog, DS-Win automatically starts with this dialog open.

### 2.7.3 Defining a Dialog as the Default Dialog

In the application settings (see the DS-Win Data View manual), enter the name of your new dialog. Your dialog is then loaded automatically each time you trigger the DS-Win data view. You can also set a preferred language in the application settings.

**Creating Data View Dialogs**  
Saving and Triggering Dialogs

# Index

## A

Application areas 5

## C

Component  
Label 58

## D

Data Grid 12  
Data Resource Manager 14  
Data View Dialogs 9  
Database 6  
    Connection to 14  
Database Name 15  
Design Mode 13  
Dial functions 6  
Dialog  
    Display 37

## E

Export 6

## G

Group Boxes 9

## H

HDMS 6

## I

Import 6

## O

Output Table 12

## P

Print 6

## S

Saving  
    Dialogs 59  
Search modes 6

## T

Tab sheets 12  
Triggering  
    Dialogs 59

## U

User interface 6

## W

Worksheets 12  
    Create 18  
    Setting Up a Dialog 17

