### **IBExpert Edit Menu**

The IBExpert Edit menu offers typical manipulation options found in the majority of windows applications. It includes:

- Load and save to file
- Cut, Copy and Paste
- Find, Search Again and Replace
- Incremental Search
- Go to...
- Print Preview, Print and Page Setup

# Load from File / Save to File

These first two items in the IBExpert Edit menu can also be called using the SQL Editor right-click menu (available in the SQL and object editors) or the key combinations [Ctrl + L] or [Ctrl + S] respectively. These items can also be found in the Edit toolbar. They allow SQL scripts etc. to be loaded or saved to file.

## Cut / Copy / Paste / Select All

These three items can be found in the IBExpert Edit menu and SQL Editor right-click menu (available in the SQL and object editors). They can also be executed using the key combinations:

- *Cut* [Ctrl + X]
- Copy [Ctrl + C]
- Paste [Ctrl + V]

These items can also be found in the Edit toolbar. They allow selected (i.e. marked) text to be cut or copied into the clipboard, and then pasted - either directly in IBExpert or in other applications, such as Windows Editor, Word etc.

The menu item Select All [Ctrl + A] selects a complete text (e.g. SQL script).

# Find / Search Again / Replace

These three items can be found in the IBExpert Edit menu and SQL Editor right-click menu (available in the SQL and object editors, and in the IBExpert Script Executive). They can be executed using the key combinations:

- Find [Ctrl + F]
- Search Again [F3]

• Replace [Ctrl + R]

or the respective icons in the Edit toolbar.

They are useful for finding individual words/digits or word/digit strings in longer texts or metadata. The Find dialog offers a number of options:

••••Find	
Find Find in metadata	
Find what job_country (1)  Options (2)  Case sensitive Whole words only Regular expression  Scope (4)  Global C Selected text	<ul> <li>Direction (3)</li> <li>Forward</li> <li>Backward</li> <li>Origin (5)</li> <li>From cursor</li> <li>Entire scope</li> </ul>
	Find Cancel Help

#### Find page:

(1) **Find What:** the Find dialog automatically offers the word, where the cursor is currently standing, or a selected text. This can be altered as wished. *Previous Find* criteria can be selected using the pull-down list.

- (2) Options: This includes Case Sensitive, Whole Words Only and Regular Expressions (e.g. \*,?).
- (3) **Direction:** i.e. forwards or backwards.
- (4) Scope: i.e. global or just the selected text.
- (5) Origin: From cursor (searches from the cursor position onwards), or entire scope (complete text).

The Find in Metadata page offers alternative options:

🐺 Find	
Find Find in metadata	
Find what job_country	•
Database [Employee_2_1	×
Options Case sensitive Whole words only Regular expression	Search in Domains Tables Views Stored procedures Triggers Exceptions
Search in object descriptions	UDFS
	Find Cancel Help

These include database selection (or even a *Search in all active databases* option using the checkbox at the bottom of the dialog) and, in addition to the options offered on the *Find* page, a check list of the database object categories to be searched.

#### **Replace:**

The *Replace* dialog is similar to the Find page:

Replace Text	×
Text to find: job_country	•
<u>Replace with:</u> job_lang	•
Options <u>C</u> ase sensitive <u>W</u> hole words only <u>Regular expressions</u> <u>P</u> rompt on replace	<ul> <li>Direction</li> <li>Forward</li> <li>Backward</li> </ul>
Scope C Global Selected text OK Replace	Origin C From cursor Entire scope All Cancel Help

with the following additions:

#### **Replace with:**

Enter the word(s)/number(s) that are to replace the searched for text. Previous *Replace* entries can be selected using the pull-down list.

The *Options* check list contains the additional check *Prompt* on *Replace* (default), allowing the user to check that the found word/number string is correctly replaced.

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### **Incremental Search**

The *Incremental Search* [Ctrl + F] allows a simple search for individual entries by simply marking the desired column header, clicking the right mouse button menu item, *Incremental Search*, and then typing the relevant digits/letters, until the required dataset(s) is/are found. Alternatively, the [Ctrl + Enter] keys can be used to search for the next occurrence of a substring.

This menu item can also be found in the context-sensitive menus in the Table Editor / Data page and in all editors containing an SQL Editor window and right-click SQL Editor Menu.

### Go to...

Particularly useful with long blocks of code, use the IBExpert Edit menu item, *Go to*, found in the IBExpert Edit menu, text editor right-click menu, or [Ctrl + G], to jump to a specified line number in your code.

Goto Line			×
	Enter li	ine number: 65	
OK		Cancel	Help

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### **Print Preview**

This item can be found in the IBExpert Edit menu and in the Script Executive and SQL Editor right-click menus (available in the SQL and Object Editors).

The *Print Preview* dialog is part of the Fast Report Manager and, when opened, displays the current script/report. It offers a number of options:

Preview	
😂 😂 🖬 🖏 🖊 🛍 🔲 🗐 🖽 100% ▪ 🗐 😒 📽 🥎 🔍 🎽 🖄 🕅 I∢ ∢ 1 🛛 ► ► I 🖉 Cancel	
Database: C:\Programme\Firebird\Firebird_1_User: SYSDBA 5\examples\EMPLOYEE_COMP.FDB UDF: ABS	
UDF: ABS	- 88
DDL	- 88
DOUBLE PRECISION RETURNS DOUBLE PRECISION FREE_IT ENTRY_POINT 'doubleabs' MODULE_NAME 'FreeAdhocUDF';	
Description	
UDF: ACOS	
DDL	
DECLARE EXTERNAL FUNCTION <u>"ACOS"</u> DOUBLE PRECISION RETURNS DOUBLE PRECISION FREE_IT ENTRY_POINT 'arccos_rad' MODULE_NAME 'FreeAdhocUDF';	
Description	
UDF: ADDHOUR	
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It is possible to specify the view scale, using the respective icon or the right-click menu:

<b>†</b> 100%
200%
150%
• 100%
75%
50%
25%
10%
Page width
Whole page
Two pages

Further options include opening a report/script, saving it, printing the report/script previewed, and even searching for text within the script:

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Find Text	X
Text to find:	
Search options	
Search from begin	
Case sensitive	
OK	Cancel

The last icon in the *Print Preview* toolbar allows the *Print Preview* window to be closed.

The right-click menu, in addition to scale specification, also offers options to add a page (for example, for a front cover or introduction) or delete one, and also to edit the page previewed, by opening the *Report Designer*.

The *Report Designer* (part of the Report Manager) can also be automatically opened by doubleclicking on the report, enabling the user to make alterations to the layout as wished.

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## Print

This item can be found in the IBExpert Edit menu and SQL Editor right-click menu (available in the SQL and Object Editors), and as an icon on the relevant toolbars, for printing scripts, reports or database object metadata.

It opens a standard Windows Print dialog:

Print	×		
Printer			
Acrobat Distiller	Properties		
Type: Acrobat Distiller	Print to file		
Where:	Reverse pages		
Pages	Copies		
	Number of copies 1		
C Current page			
C Pages:	Collate		
Enter page numbers and/or page ranges, separated by commas. For example, 1,3,5-12			
Print All pages	OK Cancel		

including the usual options such as printer specification (and properties), page range and number of copies.

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### Page Setup

This item can be found in the IBExpert Edit menu and SQL Editor right-click menu (available in the SQL and Object Editors).

It opens a standard *Windows Page Setup* dialog, where the following options can be specified:

- Paper size
- Source (i.e. printer tray specification)
- Portrait or landscape
- Margins

as well as a *Printer* button to specify the printer.

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## **Convert Identifiers/Keywords**

The menu item, *Convert Identifiers/Keywords*, can be found in the IBExpert Edit menu or in the rightclick text editor/code editor menu. It offers the following options to alter the appearance of the SQL characters:

😞 Convert Identifiers/Keywords 🕨	Convert Keywords 🕨		To UpperCase	Shift+Ctrl+Up
	Convert Identifiers	•	To LowerCase	Shift+Ctrl+Down

- 1. **Convert keywords:** allows all keywords (i.e. statements, commands etc.) in the current SQL script to be converted completely to lower or upper case.
- Convert identifiers: allows all identifiers (i.e. object names, field names etc.) in the current SQL script to be converted completely to lower or upper case.

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