

Block Editor

The IBEExpert Block Editor can be used to edit and execute IBEBlocks and IBEScripts.

The DBExplorer's [Scripts/Blocks](#) page displays all existing IBEScripts and IBEBlocks saved locally in the database. The DB Explorer Database page also has a new node, Scripts, displayed in all registered, connected databases. See also [Drag 'n' dropping objects into code editors](#) and the DB Explorer context-sensitive menu item, [Apply IBEBlock to selected object\(s\)](#).



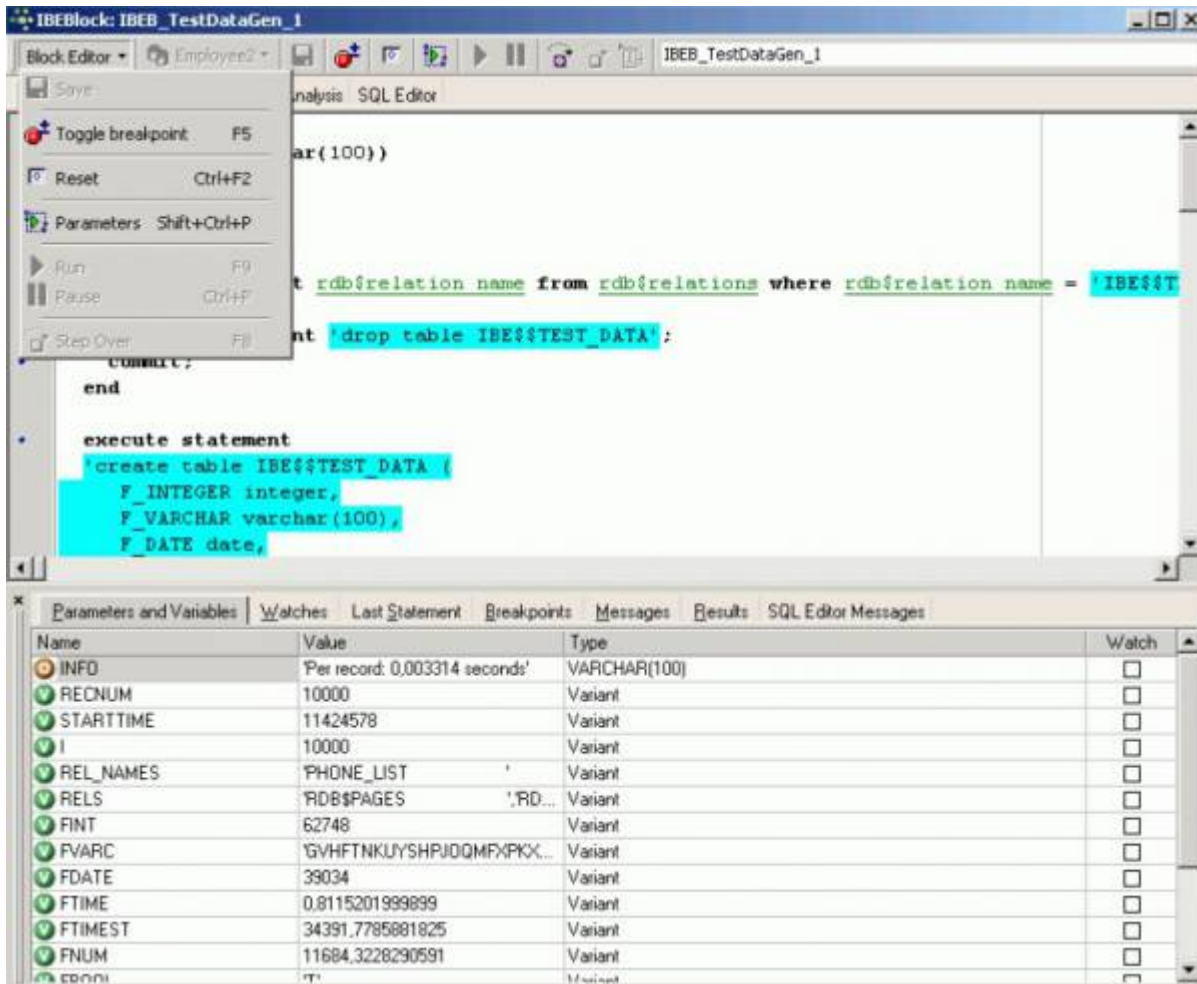
There are two ways to store blocks and scripts: (i) in a [registered database](#) or (ii) in the [IBExpert User Database](#), which can be activated using the IBEExpert Options menu item, [Environment Options / User Database](#). It is strongly recommended to use the IBEExpert *User Database* as the main storage for IBEExpert, even if you do not need the *Scripts/Blocks* feature.

To create a new script in a registered database, click on the *Scripts* node in the [connected database](#), and use the context-sensitive (right-click) menu to create a new script. You can also create IBEBlocks and Firebird 2 blocks (EXECUTE BLOCK) in this way within your database. Each script or block must have a unique name (up to 100 characters) within the database.

To create a new block or script in the User Database, first enable the option in the IBEExpert Options menu, [Environment Options / User Database](#) and restart IBEExpert. You should now see a new [table](#) in the [Database Explorer: Scripts/Blocks](#). This allows you to create scripts and blocks using the context-sensitive menu from the *Scripts/Blocks* tree and also organize them in folders.

It is even possible to execute Firebird 2.0 blocks stored in registered databases or in the IBEExpert User Database directly from the Database Explorer. Simply use the Database Explorer right-click context-sensitive menu or open the script in the *Block Editor* and execute using [F9].

When writing new IBEBlocks, do not forget to save the block by clicking on the Save icon, in order to commit it, before running it. Input parameters can be specified by clicking on the Parameters icon (or using [Shift + Ctrl + P]), and the block run in the usual IBEExpert way by using [F9] or the green arrow icon.



Please refer to [IBEBlock](#) and [IBEScript](#) for further information and examples of these comprehensive features. Similar to the [Debug procedure, trigger, function \(IBExpert Debugger\)|Procedure and Trigger Debugger](#), the Block Editor allows you to debug your script or block. It offers the same informational pages: [Parameters and Variables](#), [Watches](#), [Last Statement](#), [Breakpoints](#), [Messages](#), [Results](#) and [SQL Editor Messages](#).

Please refer to [pp02-ibexpert:02-03-database-objects:stored-procedure:#Debug procedure, trigger, function \(IBExpert Debugger\)|Debugger\]\]](#) for further details.

The data on the IBEBlock *Results* page can be sorted by clicking on a grid column caption. This data can also be exported.

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