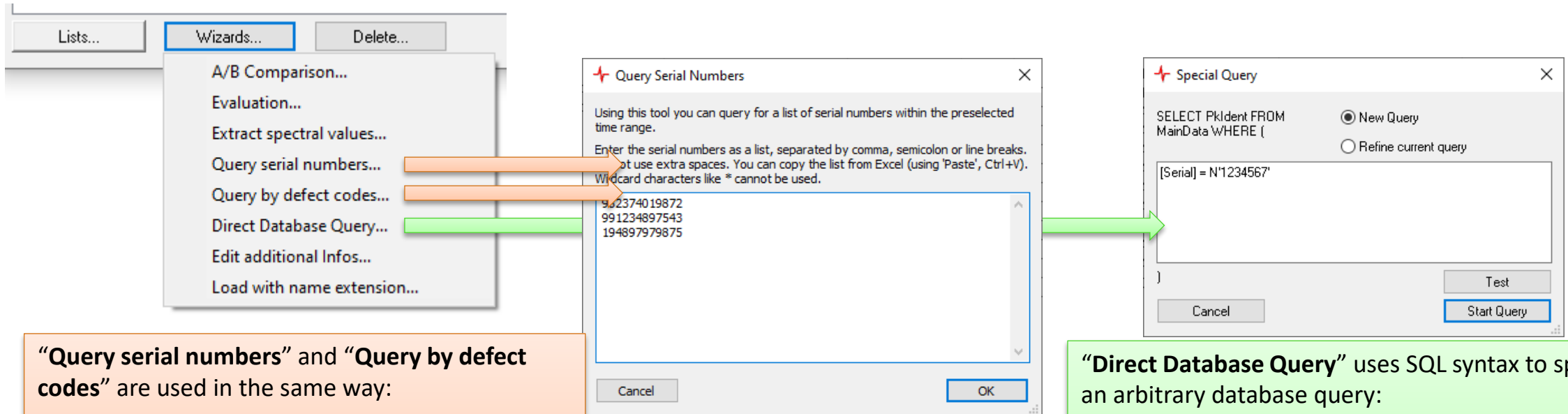# Result Database Query Assistants

Query Assistants can help to select measurements by specific criteria.

In the Result Database Query window, you will find the [Wizards…] button below the list:

"**Query serial numbers**" and "**Query by defect codes**" are used in the same way:

You can enter a list of serial numbers or defect codes, or copy the list e.g. from Excel. The query selects all measurements for these serial numbers or where these defect codes have occurred within the pre-selected time range.

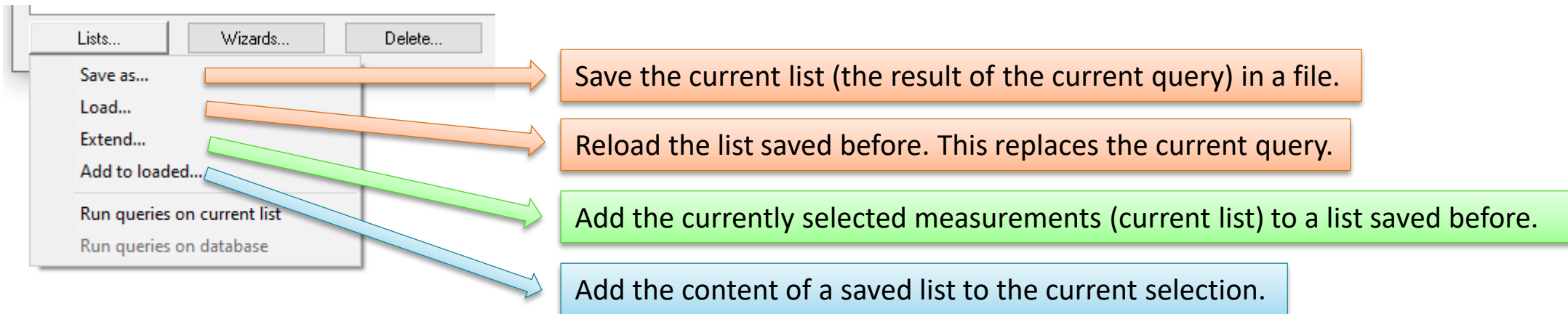Note that you must enter the full serial numbers and cannot use * as wildcard character.

"**Direct Database Query**" uses SQL syntax to specify an arbitrary database query:

The text you enter is inserted as SQL 'WHERE' clause in the query, so you need some knowledge about the internal database tables. Please get assistance from Discom if you have a selection problem requiring this approach.

The 'direct query' can be applied to all measurements within the given time range ("new query") or only to the list of measurements already selected in the list ("refine query").

Working with Query Lists

You can save the result of a database query (the list of measurements in the query window) in a file.
Later, you can re-load the measurements using this file instead of a database query.
Open the [Lists...] menu in the database query window to access these functions:

Lists...	Wizards...	Delete...
Save as...		
Load...		
Extend...		
Add to loaded...		
Run queries on current list		
Run queries on database		

Save the current list (the result of the current query) in a file.

Reload the list saved before. This replaces the current query.

Add the currently selected measurements (current list) to a list saved before.

Add the content of a saved list to the current selection.

The list files (extension ".ml") are text files containing the unique database keys of the selected measurements.
They can be edited with a standard text editor, if necessary.