IbaAnalyzer 5.12.0 new functionality description

Grids

General

Every grid in ibaAnalyzer has been replaced by a nicer looking grid supporting XP themed controls. The functionality present in the old grids is present in the new grids except for hiding columns and rows by dragging the column or row separators onto each other (accidentally hiding rows or columns isn't possible anymore). Additional copy/paste functionality is implemented. Checkbox columns and *X-Type* selection box columns have additional functionality to alter a range of values at once.

oldgrid:

newgrid:

Checkboxes and XType selection

Similarly to ibaPDA, if you click on the header of a checkbox column, every checkbox from the selected row up to the last rows is checked or unchecked if the checkbox for the selected row was resp. checked or unchecked. Similar functionality is present to set the value of an X-Type (*computed columns* dialog and *logicals* dialog).

Copy/paste functionality

You can select a single cell, any part of the grid or the entire grid at once. You can clear the selected area by pressing the delete button on the keyboard, cut and copy to clipboard the selected area by pressing *Ctrl + 'X'* or copy the selected area by pressing *Ctrl + 'C'*. From the clipboard the selected area can than be copied in a program like for example Ms Excel.

A row can be selected at once by clicking the row header.

The entire grid can be selected at once by clicking the header cell in the upper left corner.

You can select multiple parts of the grid by holding the *Ctrl* key while selecting an additional part of the grid.

You can also select a part of the grid and paste the contents of the clipboard in it by pressing *Ctrl + 'V'*.

Resizable dialogs

The database, report, logicals, query and marker dialogs are now resizable. Also, the position and size of the dialog is stored and restored the next time you visit one of the dialogs.

Text import

In previous versions of ibaAnalyzer, when importing text files, you had the option to let ibaAnalyzer know that a time column was present. The *timebase* of the signal was then taken as the difference of the first two entries in the time column, other entries in the time column were ignored and the data was presented as equidistant data.
In the current version of ibaAnalyzer, you can select to import non-equidistant data from a text file. When doing so, each entry in the time column is used for the X-coordinate of the sample corresponding with the row of that entry.
Additionally you can specify that the timestamps are not in ibaAnalyzer format (which is the European default date/time format with any microseconds added as decimal part to the seconds) but in the local date/time format defined in the regional settings of your computer. When selecting the latter format, milliseconds are again expected to be specified as the decimal part of the seconds.
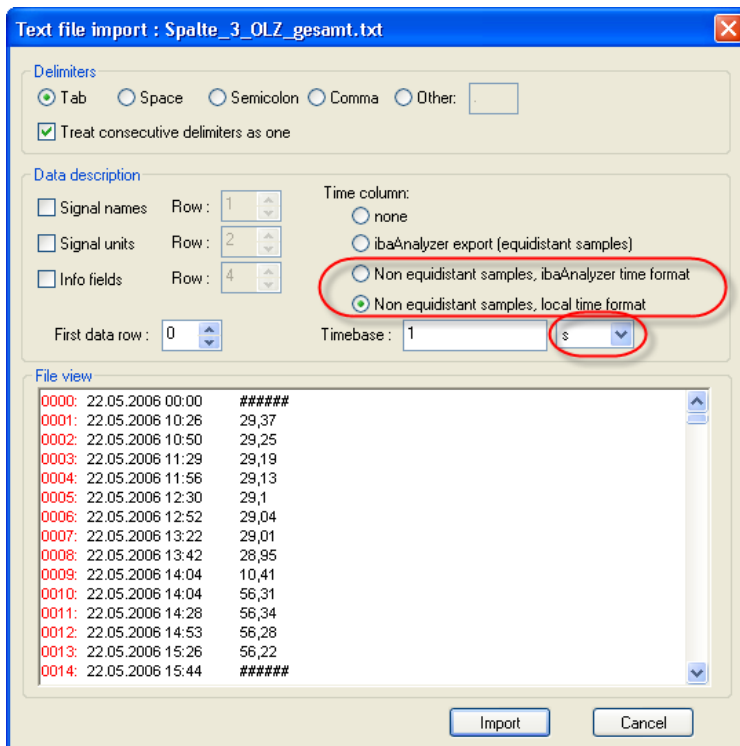
Even selecting one of the non equidistant data options, you can still specify a timebase manually; this timebase will then be used to resample the data to equidistant data when equidistant data is needed in a calculation performed on the imported data.
Note also that you can specify the timebase in another time unit than milliseconds by specifying the time unit from the dropdown list next to it.
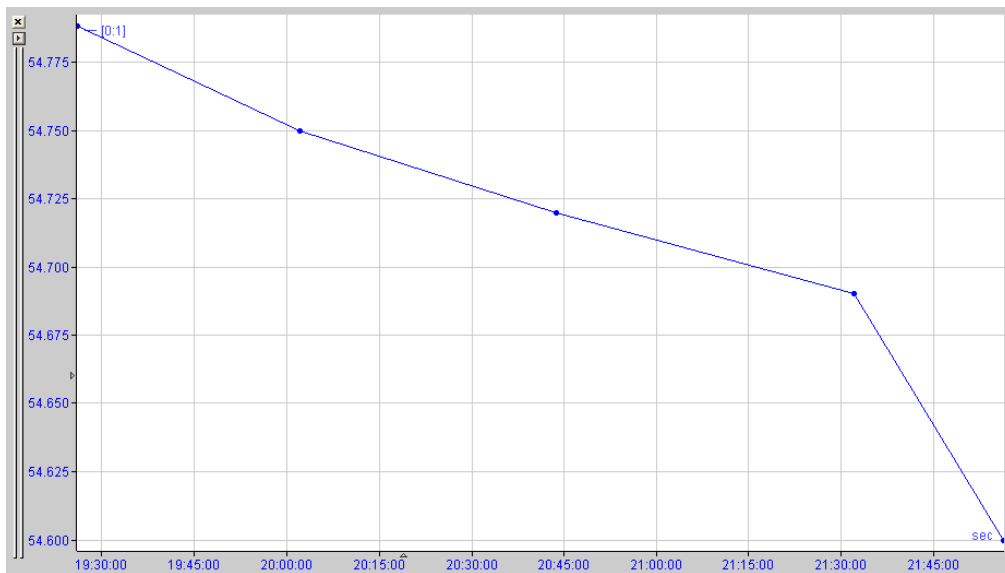
Example text file:

```
22.05.2006 19:05:30.002   54,87
22.05.2006 19:26:10.601   54,81
22.05.2006 20:02:10.708   54,75
22.05.2006 20:43:50.022   54,72
22.05.2006 21:32:00.340   54,69
22.05.2006 21:56:10.211   54,60
```
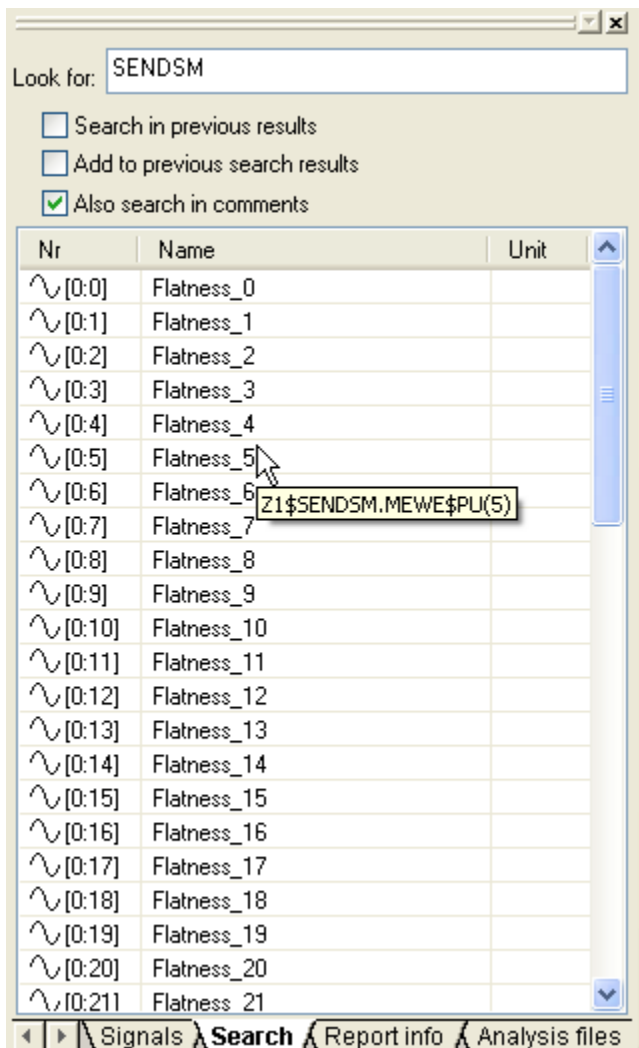
Imported equidistantly:
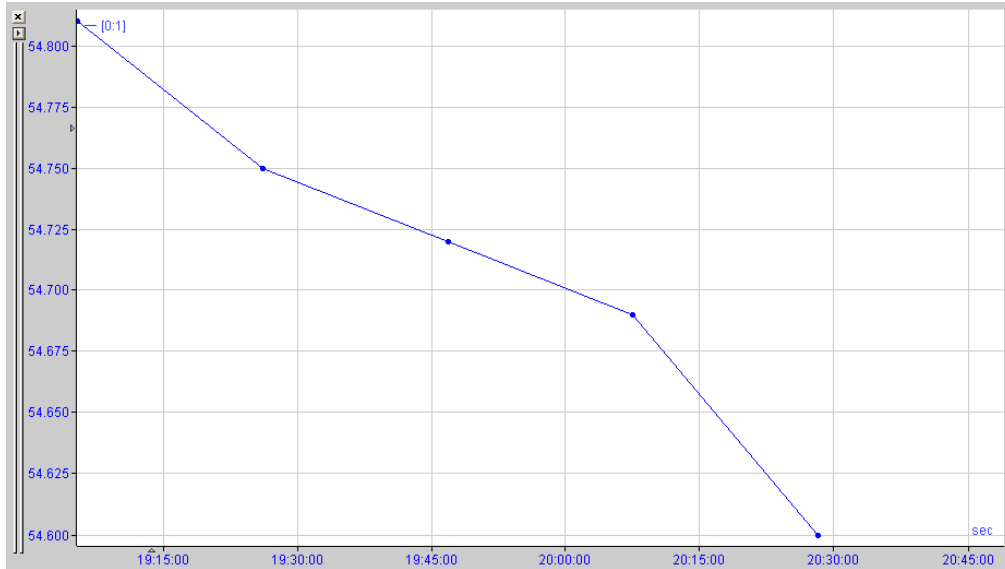
Imported with non equidistant timestamps:

Search dialog

In the search dialog, any comments of signals or expressions are now visible as tooltips. Also you can select to have a signal or expression included in the search results when the search text matches with any of the comments of that signal or expression.

Module names in signalgrid

An option is available in the *signalgrid* preferences to have the module name automatically prefixed to the signal name when opening a signal from the signal tree, search dialog or analysis tree.