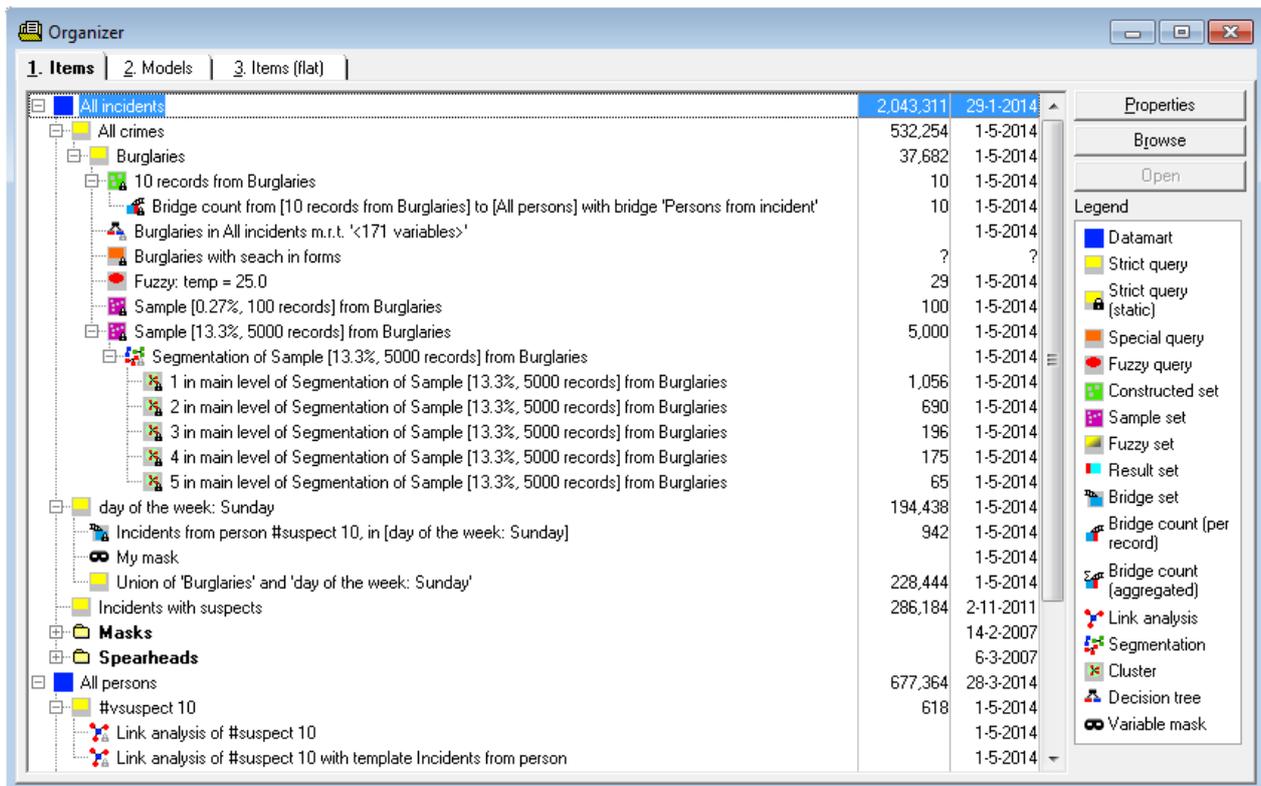# DataDetective 2014

What's New

Overview of the most important changes

New look

The **Organizer** has simpler icons. In these icons you can also see whether the set will change automatically when there is new data: a set with a lock in the bottom right does not change automatically.
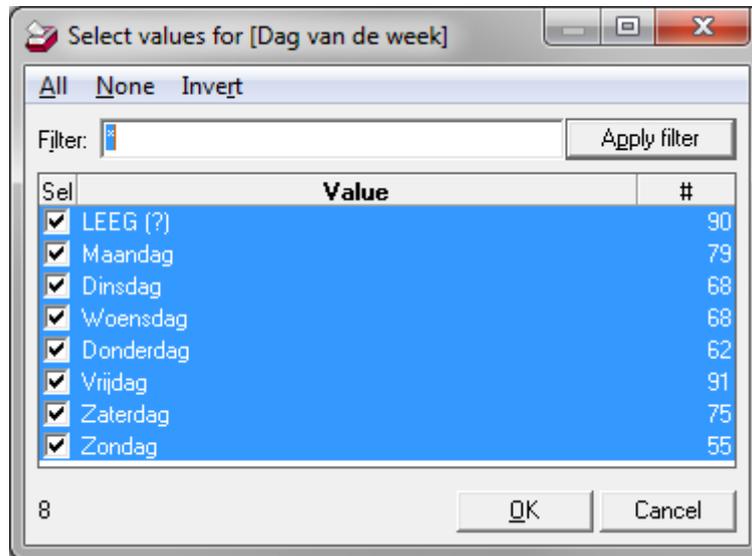

An Organizer with new icons
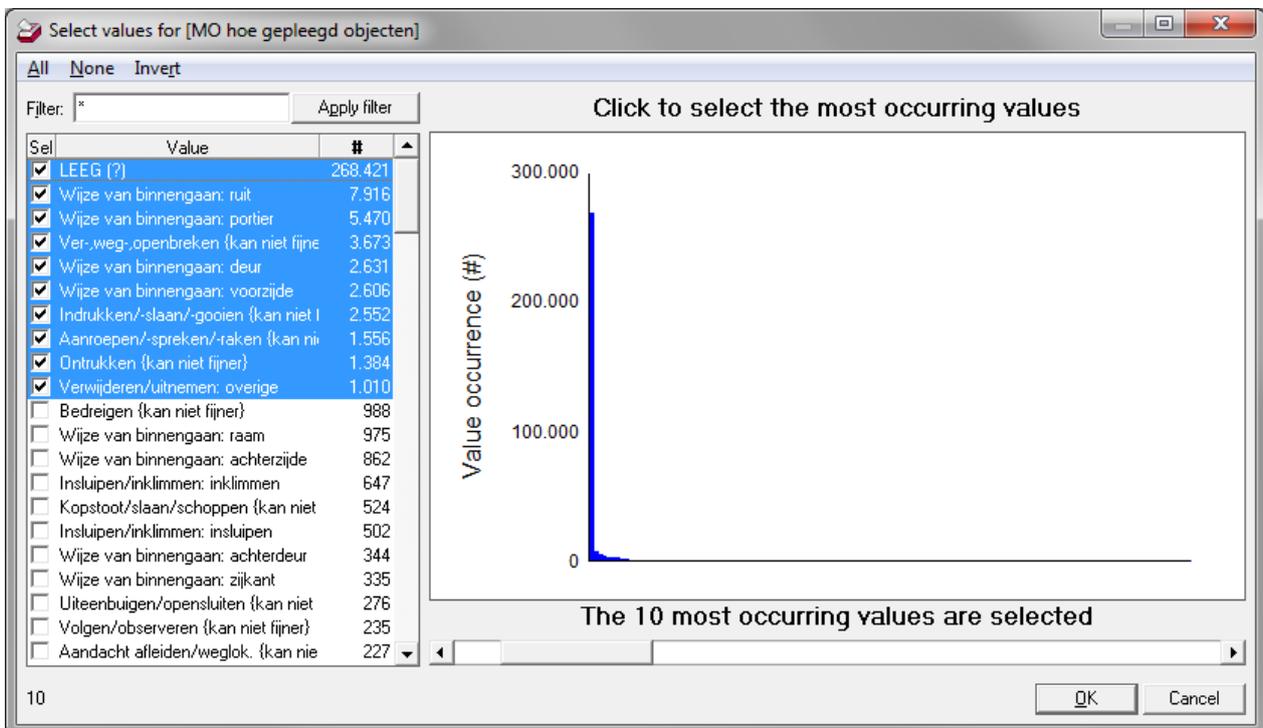
DataDetective now works better with multiple monitors

Counts in the value selection list

The value selection list now shows how often each values occurs, e.g. for **Split on variable** or for **Cross table**. This makes it easier to make the decision which values to use.

A value selection list with counts

When there are many values, or you sort the list on counts yourself (double click on the # column), a diagram will be shown. Click in the diagram (or use the scrollbar below) to set a threshold: the values that occur more often than the threshold will be used.
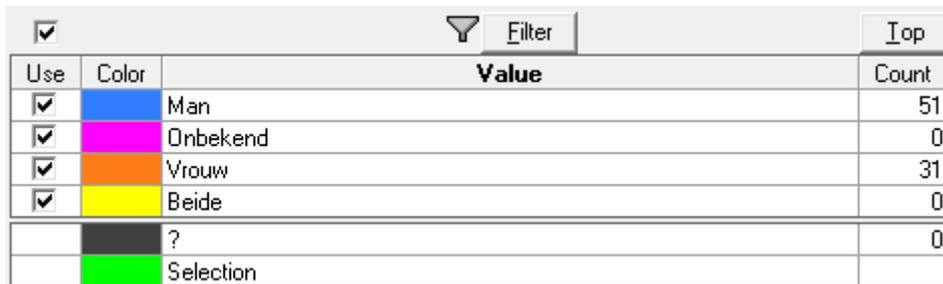

A value selection list with counts diagram

When splitting on variables without a fixed value list, such as surnames or administrative numbers, you will only see the values that occur in the set.

Easier value picking in the Layout assistant/PaintTool

In the **Layout assistant (Link analysis)** and the **PaintTool (Segmentation)** selecting values to color/size with has become easier. You can filter to find a value, or sort on the number of occurrences (like with the value selection list above).
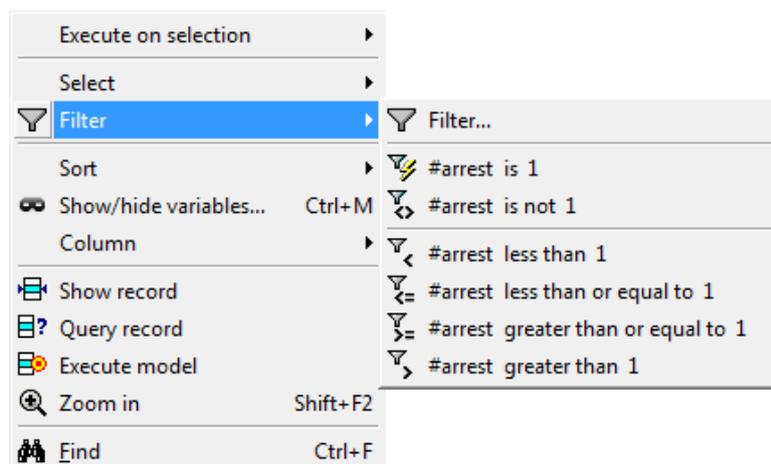
Use	Color	Value	Count
☑	(blue)	Man	51
☑	(magenta)	Onbekend	0
☑	(orange)	Vrouw	31
☑	(yellow)	Beide	0
	(black)	?	0
	(green)	Selection	

Selecting values in the layout assistant

You can now also color on multiple datasets at once, each having its own color.
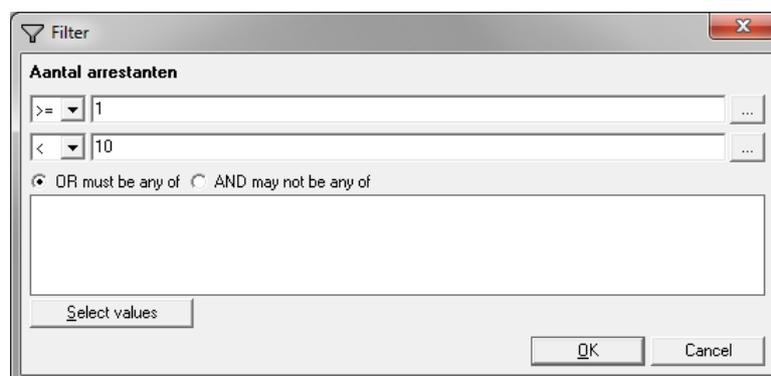
Filtering in browse clearer ánd more powerful

In **Browse** you can click on a value with the right mouse button to choose a filter. In this right click menu it is now shown what will happen when filtering.

The right click menu for filtering in Browse

The new function **Filter...** will show a dialog. In there you can choose a value yourself (or type it) which might not be able to (easily) find in the browse window, or you can create a complex filter.
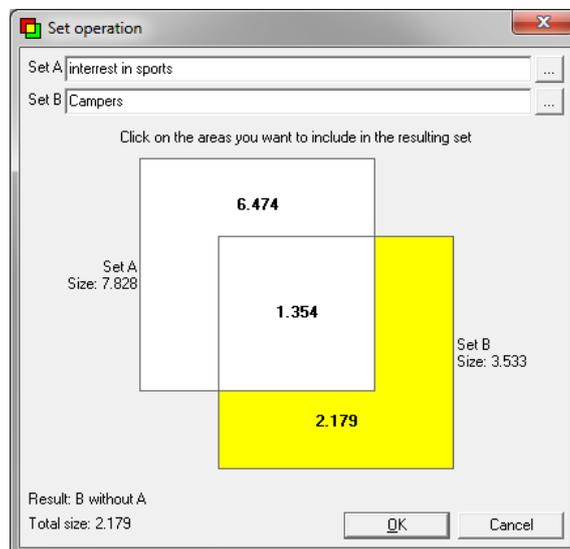
The filter dialog

Remove filter can now also be done per variable, besides removing all filters at once.

Insight in Set operations

Everyone knows the **Set operations**: create a U**nion, Intersection** or **Difference** of two (sometimes more) sets. When using two sets this can now also be done via a dialog, using **Set operation...**, in which you will get an insight in the result. This way also some sets can be created in one step instead of two: records that are in set B but not in set A.

The set operation dialog

And much more, for example:

- More user friendly **Search**: after searching until the end it will continue from the beginning, **Search previous** is added, you can see in which variable **Also search in labels** works, now also search in short variable names (e.g. day o/t week, housenr), wildcards are now always allowed but never required (*, ?, [a-z]).
- Easily transfer a MapInfo selection to DataDetective, with the 🌀 button: **Export records to DataDetective**.
- In MapInfo dots get a default label when there are few dots. With many dots the tooltip shows the amount of records on the location for (large) dots.
- You can do a **Bridge count** for multiple start datasets at once.
- In P**rofile analysis** you could 'zoom in' on a feature, this is now called **Profile, only this value**. **Profile, without this value** is now also possible.
- You can specify a **Default mask** for exporting. Using **Export to XML** (actually to Word, possibly with photo's) now links are also exported.
- **Paste new dataset**: empty lines are skipped, when pasting a single line this can treated as a column.
- **Link analysis**: clearer start dialog, the start dataset is automatically large, better **Automatic layout**, object and line sizing can be done with **Reversed sizing** (large with low values, small with high values), **Show map** uses the default object colors, you can set labels/descriptions for collapsed objects, **Export to Analyst's Notebook** labels the white dots (connections with 3+ objects) now the same as lines.
- Creating a **Histogram** is now easier, especially for date variables.
- When creating/editing a bridge, naming one direction is sufficient.
- Starting up is faster, because labels are only loaded when they are used.
- Several other function are (sometimes a lot) faster.

Improvements 'on the background' (for administration):

- Administrators can now specify all kinds of export functions.
- Indexing can be done parallel, making the creation of a new environment much faster.
- You can now use an environment while it is being indexed; if you do need an index file you will see how long it will take before it is available.
- The cache uses less disk space.
- The data limit for index files is removed (was 4GB).