

User:Stefanw/Werkstatt/Testcases Sorting

User-Bereich von Stefan Weigel

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Test Cases for new sorting features in Calc

Stefan Weigel 12:09, 11 December 2008 (CET)

Sortingbuttons detect columnheaders

Issue #22758 ^[1]

Situation	Steps
	<ul style="list-style-type: none"> Open new Spreadsheet document
<p>List has column headers. One single cell is selected. Check behaviour of toolbar buttons.</p>	<ul style="list-style-type: none"> In column A enter: Number; 3; 4; 6; 2 In column B enter: Misc; s; d; f; g Select cell A3 Press toolbar button for descending sorting Verify that cell A1 still contains "Number" and B1 "Misc" UNDO Select cell B3 Press toolbar button for ascending sorting Verify that cell A1 still contains "Number" and B1 "Misc" UNDO
<p>List has column headers. One single cell is selected. Check presetting of option "Range contains column labels" in sort dialog</p>	<ul style="list-style-type: none"> Select cell A3 Open sort dialog by DATA - SORT Switch to tabpage Options Verify that option "Range contains column labels" is set Cancel dialog
<p>List has column headers. Whole range is selected. Check behaviour of toolbar button.</p>	<ul style="list-style-type: none"> Select Range A1:B5 Press toolbarbutton for descending sorting Verify that cell A1 still contains "Number" and B1 "Misc"
	<ul style="list-style-type: none"> Close document Open new Spreadsheet document
<p>List has no column headers. Check behaviour of toolbar buttons.</p>	<ul style="list-style-type: none"> In column A enter: 5; 3; 4; 6; 2 In column B enter: e; s; d; f; g Select cell A3 Press toolbarbutton for ascending sorting Verify that cell A1 no longer contains "5" and B1 no longer contains "e" UNDO

List has no column headers. Check presetting of option "Range contains column labels" in sort dialog	<ul style="list-style-type: none"> • Select cell B3 • Open sort dialog by DATA - SORT • Switch to tabpage Options • Verify that option "Range contains column labels" is not set • Cancel dialog
	<ul style="list-style-type: none"> • Close document • Open new Spreadsheet document
List has column headers of same data type as the list entries but of different format.	<ul style="list-style-type: none"> • In column A enter: t; p; x; u; r • In column B enter: e; s; d; f; g • In cells A1 and B1 change the typeface to "bold" • Select cell A3 • Press toolbarbutton for ascending sorting • Verify that cell A1 still contains "t" and B1 still contains "e" • UNDO twice
List has column headers of same data type as the list entries but of different style.	<ul style="list-style-type: none"> • In cells A1 and B1 apply style "Heading" • Select cell A3 • Press toolbarbutton for ascending sorting • Verify that cell A1 still contains "t" and B1 still contains "e"
	<ul style="list-style-type: none"> • Close document

Sorting default to selected column

Issue #7277 [2]

Situation	Steps
	<ul style="list-style-type: none"> • Open new Spreadsheet document
<p>One single cell is selected. Check behaviour of toolbar buttons.</p>	<ul style="list-style-type: none"> • In column A enter: Number; 3; 4; 6; 2 • In column B enter: Misc; s; d; f; g • Select cell A3 • Press toolbar button for ascending sorting • Verify that the sortorder was determined for column A (Number;2;3;4;6) • UNDO • Select cell B3 • Press toolbar button for descending sorting • Verify that the sortorder was determined for column B (Misc;s;g;f;d) • UNDO
<p>Whole range is selected. Check behaviour of toolbar buttons.</p>	<ul style="list-style-type: none"> • Select Range A1:B5 • Move the active cell inside the range to column A by using the TAB key • Press toolbar button for ascending sorting • Verify that the sortorder was determined for column A (Number;2;3;4;6) • UNDO • Select range A1:B5 • Move the active cell inside the range to column B by using the TAB key • Press toolbar button for ascending sorting • Verify that the sortorder was determined for column B (Misc;d;f;g;s) • UNDO
<p>One single cell is selected. Check presetting of sort criteria in sort dialog.</p>	<ul style="list-style-type: none"> • Select cell A3 • Open sort dialog by DATA - SORT • Verify that the first sort criteria is set to "Number (ascending)" • Cancel dialog • Select cell B3 • Open sort dialog by DATA - SORT • Verify that the first sort criteria is set to "Misc (ascending)" • Cancel dialog
<p>Whole range is selected. Check presetting of sort criteria in sort dialog.</p>	<ul style="list-style-type: none"> • Select Range A1:B5 • Move the active cell inside the range to column A by using the TAB key • Open sort dialog by DATA - SORT • Verify that the first sort criteria is set to "Number (ascending)" • Cancel dialog • Select range A1:B5 • Move the active cell inside the range to column B by using the TAB key • Open sort dialog by DATA - SORT • Verify that the first sort criteria is set to "Misc (ascending)" • Cancel dialog

	<ul style="list-style-type: none"> • Close document
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Stable sorting

Issue #20491 ^[3]

What the hell means "stable sorting" ? ;-)

- Wikipedia english ^[4]
- Wikipedia german ^[5]

Situation	Steps
	<ul style="list-style-type: none"> • Open document Image:Testcase-sortorder-issue20491.ods
Must keep sort order of previous sorting using sort dialog.	<ul style="list-style-type: none"> • Select cell A1 and open sort dialog by DATA - SORT • Switch to tabpage Options • Check option "Range contains column labels" • Switch to tabpage "Sort Criteria" • Choose "Salesman(ascending)" as first criteria • Choose "Product (ascending)" as second criteria • Choose "Sales (ascending)" as third criteria • Close dialog by OK • Again, open sort dialog by DATA - SORT • Switch to tabpage Options • Check option "Range contains column labels" • Switch to tabpage "Sort Criteria" • Choose "Region (ascending)" as first criteria • Choose "-undefined-" as second criteria
	<ul style="list-style-type: none"> • Close dialog by OK • Verify that the numbers in column "CheckOrder" are ascending
	<ul style="list-style-type: none"> • Close document • Open document Image:Testcase-sortorder-issue20491.ods
Must keep sort order of previous sorting using toolbar button. Ascending.	<ul style="list-style-type: none"> • Open document testcase-sortorder-issue20491.ods • Select cell E1 ("Sales") and press toolbar button for ascending sorting. • Select cell D1 ("Product") and press toolbar button for ascending sorting. • Select cell C1 ("Salesman") and press toolbar button for ascending sorting. • Select cell B1 ("Region") and press toolbar button for ascending sorting. • Verify that the numbers in column "CheckOrder" are ascending
	<ul style="list-style-type: none"> • Close document • Open document Image:Testcase-sortorder-issue20491.ods
Must keep sort order of previous sorting using toolbar button. Descending.	<ul style="list-style-type: none"> • Open document testcase-sortorder-issue20491.ods • Select cell E1 ("Sales") and press toolbar button for descending sorting. • Select cell D1 ("Product") and press toolbar button for descending sorting. • Select cell C1 ("Salesman") and press toolbar button for descending sorting. • Select cell B1 ("Region") and press toolbar button for descending sorting. • Verify that the numbers in column "CheckOrder" are descending
	<ul style="list-style-type: none"> • Close document

External links

- [1] http://de.openoffice.org/issues/show_bug.cgi?id=22758
- [2] http://de.openoffice.org/issues/show_bug.cgi?id=7277
- [3] http://de.openoffice.org/issues/show_bug.cgi?id=20491
- [4] http://en.wikipedia.org/wiki/Stable_sorting#Stability
- [5] http://de.wikipedia.org/wiki/Stabiles_Sortierverfahren

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