



Update Bulletin 2.2.1.17

Hello

Portions of the current update have been requested by various users and have finally made their way to the runtime version. Since many features are packed together a special bulletin beyond the standard "What's New" text has been provided.

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**Takeoff MAIN\_GRID**

| Reception              |    |                 |              |          |          |            |              |                         |         |        |  |
|------------------------|----|-----------------|--------------|----------|----------|------------|--------------|-------------------------|---------|--------|--|
| Drawing: 2/A12         |    | Section: 43/A20 |              | <b>A</b> |          |            |              |                         |         |        |  |
| Scope: Include Chairs. |    |                 |              |          |          |            |              |                         |         |        |  |
| Location               | ID | Qty             | Product      | Width    | Height   | Depth      | Construction | Comments                | Phase   | Revisi |  |
| Recep...               | 16 | 1               | Wall 1       | 120      | 42       | 6          | Default(C)   | Wall to reception       | Phase 3 | Origin |  |
| Recep...               | 17 | 2               | B302         | 18       | 42       | 24         | Cab-Birch    |                         | Phase 3 | Origin |  |
| Recep...               | 18 | 1               | C822         | 122      | 12       | 32         | Default(C)   |                         | Phase 3 | Origin |  |
| Recep...               | 19 | 4               | Chairs       |          |          |            | Cab-Birch    |                         | Phase 3 | Origin |  |
| ▶ Recep...             | 26 | 2               | Frame 4 inch |          | 42       | 96         | Default(C)   | Entry frames to Offices | Phase 2 | CCO 1  |  |
| <b>B</b>               |    |                 |              |          |          |            |              |                         |         |        |  |
|                        |    | Direct          | [Indirect]   |          | Markup   | Profit     | Total Sell   |                         |         |        |  |
| Material               |    | \$1,692.29      |              | <b>C</b> | \$338.46 | \$1,015.38 | \$3,046.13   |                         |         |        |  |
| Labor(21.2)            |    | \$424.84        |              |          | \$127.45 | \$276.14   | \$828.43     |                         |         |        |  |
|                        |    |                 |              |          |          |            | \$3,874.56   |                         |         |        |  |

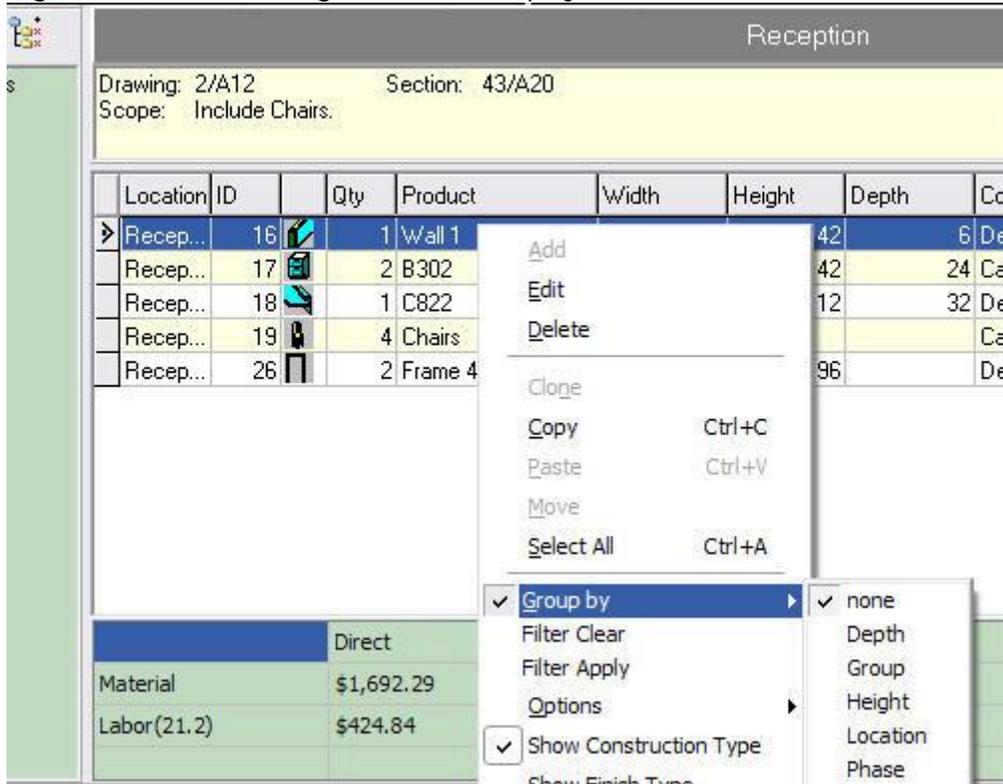
- 1) Location properties from the project outline are shown here along with the location name. Remember that the labels "Drawing, Section and Scope" may be modified in Edit|Preferences.
- 2) Alternating colour scheme added. Right click menus added for Grouping and Filtering of column values.
- 3) Similar to other summary pages location totals are now shown. Currently [Indirect] cost is part of direct cost. Remember that material distinctions between direct/indirect are done at Admin|Materials and Labor at Catalog|Labor. Formula Total Sell:  

$$\text{Total\_Sell} = ((\text{directcost} * \text{markup\_directcost}) + \text{indirect\_cost} * \text{markup\_indirectcost}) * \text{profit}.$$
 See Edit|Project:Bid Results – for modifying % mark-up and Profit.

**Group by**

- 1) Grids often have common data that should occur together for easy reading. "Grouping" can accomplish this and then not repeat the common data. Let's say that we wish to group like phases.

2) Right click over location grid. Select Group by.



3) Select "Phase"

4) Result.

| Location | ID | Qty | Product      | Width | Height | Depth | Construction | Comments                | Phase   | Revisi  |
|----------|----|-----|--------------|-------|--------|-------|--------------|-------------------------|---------|---------|
| Recep... | 26 | 2   | Frame 4 inch | 42    | 96     |       | Default(C)   | Entry frames to Offices | Phase 2 | CCO 1   |
| Recep... | 16 | 1   | Wall 1       | 120   | 42     | 6     | Default(C)   | Wall to reception       | Phase 3 | Origin. |
| Recep... | 17 | 2   | B302         | 18    | 42     | 24    | Cab-Birch    |                         |         | Origin. |
| Recep... | 18 | 1   | C822         | 122   | 12     | 32    | Default(C)   |                         |         | Origin. |
| Recep... | 19 | 4   | Chairs       |       |        |       | Cab-Birch    |                         |         | Origin. |

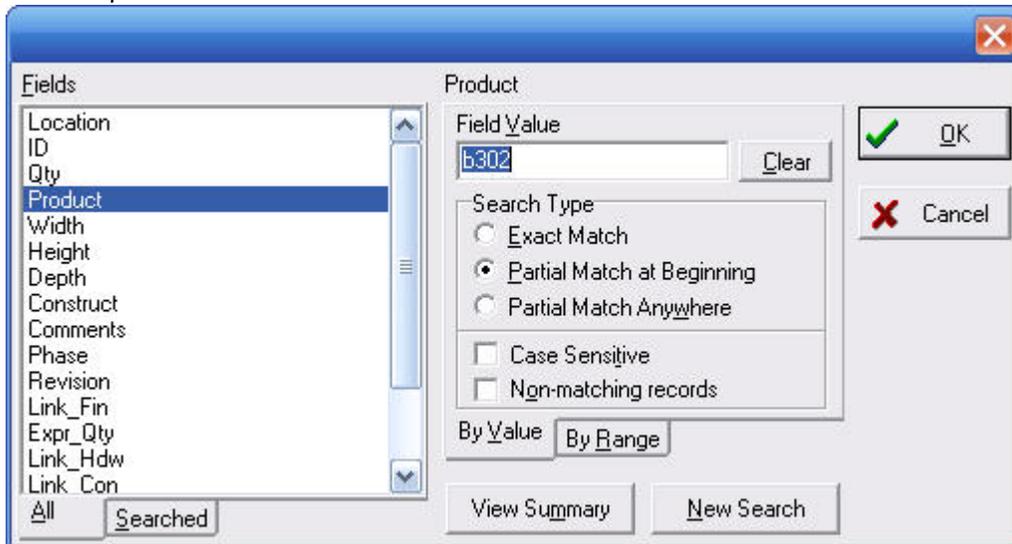
Since grouping doesn't actually sort and only redraws the grid, the user will need to provide their own sorting by clicking on the header column title.

**Filter by**

- 1) Often with large data grids too many rows are shown. Filtering will reduce the number of rows shown by selectively showing certain rows, thus “Filtering”. Lets say we wish to do a common operation on all 2 Drawer units {B302}.
- 2) Start with right click menu. Select Filter Apply.



- 3) Filter expression:



- a) Select column from left.
- b) Simple expression – By value: type a filter value. This returns all products beginning with “b302”.

- c) More complex expression – By Range: provide a start and end value. Thus all Width between 24 and 36 inclusive.
- d) Power user – Multiple columns may be used for filtering.
- 4) Click OK.
- 5) Result:

| Location | ID | Qty | Product | Width | Height | Depth | Construction | Comments | Phase   | Revision |
|----------|----|-----|---------|-------|--------|-------|--------------|----------|---------|----------|
| Office 2 | 10 | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          | Phase 1 | Original |
| Office 2 | 11 | 2   | B302    | 30    | 30     | 18    | Cab-Birch    |          | Phase 1 | Original |
| Office 2 | 12 | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          | Phase 1 | Original |

|             | Direct   | [Indirect] | Markup   | Profit   | Total Sell |
|-------------|----------|------------|----------|----------|------------|
| Material    | \$556.64 |            | \$111.33 | \$333.99 | \$1,001.96 |
| Labor(12.8) | \$255.14 |            | \$76.54  | \$165.84 | \$497.53   |
|             |          |            |          |          | \$1,499.49 |

Note that only products like B302 are shown. The other records still exist but are hidden for now. Also note that the footer totals have been updated to reflect current filter.

- 6) Other nodes:

| Location  | ID | Qty | Product | Width | Height | Depth | Construction | Comments | Phase   |
|-----------|----|-----|---------|-------|--------|-------|--------------|----------|---------|
| Office 1  | 3  | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          | Phase 1 |
| Office 1  | 4  | 2   | B302    | 30    | 30     | 18    | Cab-Birch    |          |         |
| Office 1  | 5  | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          |         |
| Office 2  | 10 | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          |         |
| Office 2  | 11 | 2   | B302    | 30    | 30     | 18    | Cab-Birch    |          |         |
| Office 2  | 12 | 1   | B302    | 30    | 30     | 18    | Cab-Birch    |          |         |
| Reception | 17 | 2   | B302    | 18    | 42     | 24    | Cab-Birch    |          | Phase 3 |

|             | Direct     | [Indirect] | Markup   | Profit   | Total Sell |
|-------------|------------|------------|----------|----------|------------|
| Material    | \$1,466.97 |            | \$293.39 | \$880.18 | \$2,640.55 |
| Labor(32.6) | \$651.92   |            | \$195.58 | \$423.75 | \$1,271.24 |
|             |            |            |          |          | \$3,911.79 |

The current filter will remain in effect for all future nodes selected during this session. In fact if sub-locations are also showing then the filter will act on that too.

**CLEAR**

- 1) To reset filter use “Filter Clear” right click mene.

**Statusbar**

- 1) Group by and Filtering text are shown in statusbar at bottom.

3 Line Items. Grouped by: Phase. Filtered by: [ STARTING\_WITH Product=b302].

**Takeoff Material page**

- 1) A new column "Classification", which is the material library has been added. Grouping is automatically applied.

| Takeoff                       | Material   | Labor  | Summary |                               |
|-------------------------------|------------|--------|---------|-------------------------------|
| Tutorial - Starlight Jewelers |            |        |         |                               |
| +                             | 1st Floor  | Qty    | UOM     | Classification / Name         |
|                               |            | 69     | Linft.  | Edging 15/16 x .018 PVC Birch |
|                               |            | 110    | Linft.  | 15/16 x 1/8 PVC Birch         |
| -                             | 2nd Floor  |        |         |                               |
|                               | Office 1   | 144    | Each    | Hardware 8mm Beech Dowell     |
|                               | Office 2   | 14     | Pair    | Blum bs230 20                 |
|                               | Reception  | 14     | Each    | Chrome 4 inch wire D pull     |
|                               | Staff Room | 14     | Each    | Kenstin cabinet lock          |
|                               |            | 100    | Linft.  | Mouldings Crown 1x4 birch     |
|                               |            | 69     | Sqft.   | Sheet Goods 1/2 Baltic beech  |
|                               |            | 74     | Sqft.   | 1/2 Birch G1S                 |
|                               |            | 22     | Sqft.   | 3/4 Beech G1S                 |
|                               |            | 38     | Sqft.   | 3/4 Beech G2S                 |
|                               |            | 79.667 | Sqft.   | 3/4 Birch G1S                 |
|                               |            | 30.083 | Sqft.   | 3/4 Sheathing                 |
|                               |            | 15.417 | Sqft.   | Brown backer                  |
|                               |            | 22.208 | Sqft.   | PL1 GP                        |

**Takeoff Labor page**

- 1) Similar to Material

| Takeoff                       | Material  | Labor | Summary |                             |
|-------------------------------|-----------|-------|---------|-----------------------------|
| Tutorial - Starlight Jewelers |           |       |         |                             |
| +                             | 1st Floor | Qty   | UOM     | Classification / Name       |
|                               |           | 2.55  | Hours   | Manufacturing Assemble case |
|                               |           | 5.25  | Hours   | Assemble drawer             |
|                               |           | 0.518 | Hours   | Assemble top                |
|                               |           | 2.24  | Hours   | Attach hardware             |
|                               |           | 0.605 | Hours   | Edge band                   |
|                               |           | 1.205 | Hours   | End bore                    |
|                               |           | 4.363 | Hours   | Handling parts              |
|                               |           | 0.157 | Hours   | Line bore                   |
|                               |           | 0.301 | Hours   | Panel layout                |
|                               |           | 1.599 | Hours   | Panel saw                   |
|                               |           | 0.612 | Hours   | Router                      |
|                               |           | 3     | Hours   | Site Install cabinet        |
|                               |           | 0.25  | Hours   | Install counter             |
|                               |           | 10    | Hours   | Install moulding            |

Any comments are welcome for future enhancements.

Thank you

People Logic Software