

Using Drilldown in Barista

Go to the Barista Development Menu and select Maintenance, Inquiries, Drilldown Definitions. Here is an example of one that was defined for AddonSoftware:

The screenshot shows the 'Drilldown Definitions' window. The fields are as follows:

- Drilldown Definition ID: WO_QTY_ON_ORD
- Description: Work Order On Order Quantity
- Validate Data Table: SFE_WOMASTR (linked to Work Order Entry)
- Data Key Name: AO_WH_ITM_LOC_WO (linked to Warehouse/Item/WO)
- Data Key: [FIRM_ID]+[WAREHOUSE_ID]+[ITEM_ID]
- App Company ID: 01-007514 (linked to BASIS International)
- App Product ID: SF (linked to AddonSoftware Shop Floor)
- Filter Definitions:
 - Filter Column: WO_STATUS (linked to WO STATUS)
 - Filter Def: ='O'
 - Filter Column: (empty)
 - Filter Def: (empty)
 - Filter Column: (empty)
 - Filter Def: (empty)
- Program: (empty)

What this does is define a type of a query that uses the SFE_WOMASTR as the source for the Drilldown, with the secondary key AO_WH_ITM_LOC_WO. The data key tells Barista which records to include in the Drilldown. In this case it will only include records from the Work Order Header table where the Firm, Warehouse, and Item match the record from which the Drilldown will be called. The optional filter here would say only include those Work Orders whose status is 'O'pen. The actual Drilldown will be just like any other standard Barista Inquiry where the fields that will be included are defined in the Additional Options of each element on the SFE_WOMASTR form.

Once the Drilldown is defined, then it can be attached to another form by going to the form that you want to be able to Drilldown into this table. In the case of this particular Drilldown, it is used on the Item Warehouse Master form.

Here's a view of the Item Warehouse Master form with the element selected that will be using the Drilldown:

The screenshot shows the 'IVM_ITEMWHSE - Warehouse Master' form. On the left, a list of data names is shown, with '<<DISPLAY>>.ON_ORD_WO' selected. On the right, the 'Attributes' table is visible, with the 'Drilldown Def' attribute highlighted and its value 'WO_QTY_ON_ORD' shown in a red box.

Name	Value
Data Key	
Data Table	
Data Column	
Data Key Name	
Inquiry Option	
Data Calc	
Data Compress	
Data Expand	
Default Value	
Drilldown Def	WO_QTY_ON_ORD
Group Heading	
Help Tag ID	
List Data	(undefined)
Min Length	
Max Length	7
Max Rows	
Min Value	

You can see that the element was defined as a display only field. Then in the Attributes of that element, you double click on the field to the right of the Drilldown Def to get a list of all of the Drilldowns defined previously. Then, when you go to the (in this case) Item Warehouse Master form and pull up an Item/Warehouse record like this:

Warehouse Master

Inventory Item ID: 3101 [Titanium Main](#)

Warehouse ID: 01 [Oregon](#)

Warehouse: **Stocking**

Warehouse Information

Warehouse Location: C10-A

Distribution Code: C1 [Product C/Location 1](#)

Physical Inventory Cycle: D [Bi-Weekly WH 01](#)

Pricing

Current Price: 229.00 Prior Price: 218.00

Current Price Code: D6 Prior Price Code: D5

Unit Cost: 170.2206

Landed Cost: 137.1200

Last Purchase Cost: 100.0000

Quantities

PO On Order: 0.0000

WO On Order: 10.0000

On-Hand: 103.0000

Total On Order: 10.0000

Last Transaction Dates

You will see the Display field with a quantity of 10, and the Drilldown button next to it. When you click on the button, you get the query that was defined in step 1 above. Like this:

Work Order Entry					
Search: <input type="text"/>					
WO No	WO Type	Work Order	WO Stat	Cust ID	Sales Ord No
0001023	02	Inventory Item (I)	Open (O)		

The entire grid is presented here since it's so wide, but if you scroll to the right, you would see the Scheduled Production Quantity of 10, which matches the quantity shown on the Warehouse/Item form in the display only field. If there had been 2 Open Work Orders, each with a quantity of 5, the query would have shown both of those records.

Drill-downs are often set up to provide detailed information for a number, like a total quantity or customer balances, so the user can see where that value comes from.