

Custom Fields & Calculated Fields

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Overview

If you find that you need to set up information for one of your lists where there is no corresponding field, you can assign a **Custom Field** to fill that role. For example, if you're in the habit of sending your customers a greeting card every year on their birthday, you can establish a custom field that will let you track their birthday information.



Using the Custom Fields function allows you to establish your own criteria for each one of the Types (i.e. PO, Sales Orders, Repair Orders etc.) by creating a custom field where additional action is required.

In addition to information, custom fields can now contain calculations. **Calculated Custom Fields** allow you to create complex inventory formulas and add them to any Page or List in Order Time Inventory.

Setting up Custom Fields

To create a custom field you must be *logged in as the Admin user*. Click on the Gear icon on the top right of the screen then select **Custom Fields** under the **Settings Section**.

The screenshot displays the OrderTime Admin dashboard. At the top, there is a navigation bar with icons for Home, Sales, Purchasing, Production, Warehouse, and Reports. On the right side of the navigation bar, there are links for 'All Orders Demo', 'Logout', and a user profile icon. Below the navigation bar, the 'Admin' section is visible, showing the user 'Ian Benoiel' and the date 'Monday, March 25, 2019'. The main content area is divided into three columns: 'General', 'Settings', and 'Users & Roles'. The 'Settings' column is expanded, showing a list of options: 'Company Info', 'Company Preferences', 'Custom Fields' (highlighted with a red arrow), 'Page Layouts', 'Email Templates', 'Form Templates', and 'Label Templates'. The 'General' column contains options like 'Import', 'Profile Lists', 'Doc Status', 'Alerts', 'ECommerce Integration', 'Shipping Integration', 'Accounting Integration', 'Label Printing', and 'EDI Integration'. The 'Users & Roles' column contains 'Roles', 'Users', and 'Billing and Subscription'. At the bottom left, it says 'Powered by NumberCruncher', and at the bottom right, there is a 'Support' button.

In the scrolling list, on the left-hand side of your screen you will see a list of Record Types for which to create the Custom field. For example if you want to create a custom field for a customer, click the Customer Type from the left-hand side list.

OrderTime TennisTime Logout

Home Sales Purchasing Production Warehouse Reports

Admin > Custom Fields Add Custom Field

Custom Fields

Types ←

- Customer Nos
- Customers
- Item Vendor
- Items
- Locations
- Lot / Serial #s
- Order Line Promise Dates
- Price Level Detail
- Production Order
- Purchase Order
- Purchase Order Items
- Receive Items
- Receive Items Items
- Rental Contract Items
- Rental Contracts
- Reorder Analysis

Items 13/175

FIELD	CAPTION	TYPE	REQUIRED	CALCULATED	DELETE
ItemCust1	Promo Water Bottle	Yes/No	false	false	⊙
ItemCust2	Racquet Cover Yes/No	Yes/No	false	false	⊙
ItemCust3	Additional Information	Text	false	false	⊙
ItemCust4	Promo Water Bottle	Quantity	false	false	⊙
ItemCust5	Demo Racquet Return Date	Date	false	false	⊙
ItemCust6	Number of Promo Water Bottles	Integer	false	false	⊙
ItemCust7	Lunch for Stringers	Cost	false	false	⊙
ItemCust8	Racquet Consultation	Price	false	false	⊙
ItemCust9	Amount of Time for Racquet Stringing	Amount	false	false	⊙
ItemCust10	Stringer Memo	Memo	false	false	⊙
ItemCust11	Demo Percentage Off Price	Percent	false	false	⊙
ItemCust12	TennisTime Web Site	Url	false	false	⊙
ItemCust14	Margin%	Quantity	false	true	⊙

Custom Field Record Types:

- Activity
- Address
- Adjustment
- Adjustment Items
- Attachments
- Bin
- BOM Components
- Consignment
- Contact
- Customers Nos
- Customers
- Item Vendor
- Items
- Locations
- Lot / Serial #s
- Order Line Promise Dates
- Price Level Detail
- Production Order
- Purchase Order
- Purchase Order Items
- Receive Items
- Receive Items Items
- Rental Contract Items
- Rental Contracts
- Reorder Analysis
- Repair Order
- Repair Order Item
- Repair Order Item Component
- Repair Order Item Problem Code
- Sales Order
- Sales Order Items
- Sales Rep

- Ship Doc
- Ship Doc Items
- Ship Doc Package
- Ship Doc Package Item
- Ship Method
- Transfer
- Transfer Items
- Value Adjustment
- Value Adjustments Items
- Vendor Address
- Vendors
- Work Order
- Work Order Components

OrderTime All Orders Demo Logout

Home Sales Purchasing Production Warehouse Reports

Admin > Custom Fields Add Custom Field

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FIELD	CAPTION	TYPE	REQUIRED	CALCULATED	DELETE
ItemCust1	Ref No	Text	false	false	○
ItemCust2	Origin	Pick List	false	false	○
ItemCust3	Length	Quantity	false	false	○
ItemCust4	Commission Rate	Amount	false	false	○
ItemCust5	Vendor Qty	Quantity	false	false	○
ItemCust6	Measure	Text	false	false	○
ItemCust7	Calc 1	Text	false	true	○
ItemCust8	Calc 2	ID	false	true	○
ItemCust9	Cal 3	Quantity	false	true	○
ItemCust10	Calc 4	Date	false	true	○
ItemCust11	Calc 5	Text	false	true	○
ItemCust12	Do Not Export	Yes/No	false	false	○
ItemCust13	Website Item Id	Text	false	false	○
ItemCust14	Website Variant Id	Text	false	false	○
ItemCust15	Published Scope	Pick List	false	false	○
ItemCust16	Discontinued	Yes/No	false	false	○

After you click the desired Record Type, you will see a list of custom fields. The list contains the following columns.

- **Field** - Represents the actual name of the field in the database.
- **Caption** - Represents the name of the custom field that the users will see when entering data.
- **Type** - Is the type of field the user will be prompted to enter (i.e. Text, Date, Pick List, Yes/No).
- **Required** - Is the type of field where the user must input data.
- **Calculated** - Is the type of field where a calculation takes place based on the formula created.
- **Delete** - Remove the custom field.

Click the Add Custom Field in the upper right hand corner of the screen.

- The first thing you will enter is the **Caption** that will appear when users enter their data.
 - Type a caption you want added to a specific function (i.e. Tracking Number)
- After writing the caption, you will select if the user is **Required** to enter a value in the custom field before being able to save.
- Next you will select the Type of Custom Field
 - Text (you can select the Length of text in this field and whether Required or Calculated)

Custom Field Editor

Caption:

Required:

Calculated:

Type: Text

Length: 50

Save Cancel

- o Date (you can select if Required or Calculated)
- o Integer (you can select to Allow negative values)

Custom Field Editor

Caption:

Required:

Calculated:

Type: Integer

Allow negative values:

Save Cancel

- o Cost (you can select to Allow negative values)
- o Yes/No (you can select if Required or Calculated)
- o Quantity (you can select to Allow negative values)
- o Pick List (you can select the List Value)

Custom Field Editor

Caption:

Required:

Type: Pick List

List Values: Add

Name	Delete

Save Cancel

- o Price (you can select to Allow negative values)
- o Amount (you can select to Allow negative values)
- o Memo (you can select if Required or Calculated)
- o Percent (you can select if Required or Calculated)
- o URL (you can select if Required or Calculated)
- Click on Save when done

The software will automatically copy custom fields between records when the custom fields **Have the Same Name and Type**. For example, if you also had 'Cancel on B/O' on the Sales Order and Ship Doc custom fields, you would enter the value once on the Sales Order and it would be copied to the Ship Doc when the Sales Order is filled. The following table shows how custom fields are copied:

Custom Fields From	Copied To
Item	Sales Order Line Item Work Order Work Order Component Purchase Order Line Item Receiver Item Line Item Ship Doc Line Item

Customer	Sales Order Ship Doc
Vendor	Purchase Order Receiver
Sales Order	Ship Doc
Purchase Order	Receiver
Sales Order Line Item	Ship Doc Line Item Purchase Order Line Item (<i>Linked POs Only</i>)
Purchase Order Line Item	Receiver Line Item

Calculated Custom Fields

Alright let's create a basic calculation and add it to our Item Detail Screen & Item List.

Creating a Margin % Field —

Margin %

This is the amount of gross profit a business earns when an item is sold. For example, if you have to pay \$15 for each sweater, and you then sell it to customers for \$39, your retail margin equals \$24. This in turn is a 61.5% Margin.

Margin % Formula = $((\text{Retail Price} - \text{Cost}) \div \text{Retail Price}) \times 100$

Admin > Custom Fields

Custom Fields 19/100

FIELD	CAPTION	TYPE	REQUIRED	CALCULATED	DELETE
ItemCust1	Ref No	Text	false	false	⊘
ItemCust2	Origin	Pick List	false	false	⊘
ItemCust3	Length	Date	false	false	⊘

Click on Add Custom Field

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Custom Fields Add Custom Field

Types: Items 20/100

Custom Field Editor

Caption:

Required:

Calculated: 

Type:

Save Cancel


					ALCALATED	DELETE
ItemCust8	Calc 2	ID	raise	true	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust9	Calc 3	Quantity	false	true	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust10	Calc 4	Date	false	true	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust11	Calc 5	Text	false	true	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust12	Do Not Export	Yes/No	false	false	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust13	Website Item Id	Text	false	false	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust14	Website Variant Id	Text	false	false	<input type="checkbox"/>	<input type="checkbox"/>
ItemCust15	Published Scope	Pick List	false	false	<input type="checkbox"/>	<input type="checkbox"/>

Add your Caption and check Calculated

Custom Field Editor

Caption:

Calculated:

Type: 

Allow negative values:

Eval

Properties in use:

Save Cancel

Choose the appropriate Type

Custom Field Editor [Close]

Caption:

Calculated:

Type:

- Text
- Date
- Integer
- Cost
- Yes/No
- Quantity**
- Price
- Amount
- Memo
- Percent
- Url

Allow negative values:

Properties in use:

[Save] [Cancel]

For this example we are using Quantity

Custom Field Editor [Close]

Caption:

Calculated:

Type:

Allow negative values:

Property

Properties in use:

Building a Calculated Formula

- Amount of Time for Racquet Stringing
- AverageCost
- Build Amount
- Build Point
- Daily
- Demo Percentage Off Price
- Half Day
- Hourly
- Id
- Insurance Rider Percentage
- Last Purchase Cost
- Lunch for Stringers
- Make lead time
- Margin %
- Margin%
- Max Discount %
- Max Qty
- Monthly
- Number of Promo Water Bottles
- Price**
- Price

- Please note in building a Calculated Formula in Order Time you **MUST ALREADY KNOW THE FORMULA YOU WISH TO ENTER.**
 - The Calculated Formula field requires you to enter the formula items correctly. You are not able to move items around the field but you can Delete an item entered by right clicking on the item and selecting Delete.
 - When dragged into the Calculated Formula field the items will automatically be placed at the end of the formula being created.

The screenshot shows the 'Custom Field Editor' window. The 'Caption' field contains 'Margin%'. The 'Calculated' checkbox is checked. The 'Type' dropdown is set to 'Quantity'. The 'Allow negative values' checkbox is unchecked. A toolbar contains buttons for '+', '-', '*', '/', '^', '(', ')', 'Value', 'Property', and 'If'. The main formula area contains three opening parentheses '(', '(', '(', with a context menu open over the last one, showing 'Delete' and '< Quit' options. Below the formula area is an 'Eval' button and the text 'Pending evaluation'. At the bottom, there are 'Save' and 'Cancel' buttons.

- When selecting your Value you must click on the Value button. You are presented with a Text field to input your Value for the Calculated Formula.

Custom Field Editor ✕

Caption

Calculated

Type

Allow negative values

Value ✕

→

- Once you have completed your Calculated Formula click the green EVAL button in the bottom left hand corner of the field. If your Calculated Formula is correct the system will reflect Passed in green print on the bottom right of the field.

Custom Field Editor ✕

Caption

Calculated

Type

Allow negative values

←
→
Passed

Properties in use:



**** If the calculation includes a denominator that is equal to 0 then Order Time will set it to 1**

to prevent a divide by 0 error. **



During Release 1.0.35a we added the ability to add Entity Refs to your Calculated fields. This allows you to concatenate with fields like UOM and MANY others.

Adding a Custom Field to a Page

We'll Add our Margin % to the Item Details Page —

Admin

General	Settings	Users & Roles
<ul style="list-style-type: none">▶ Import▶ Profile Lists▶ Doc Status▶ Alerts▶ ECommerce Integration▶ Shipping Integration▶ Accounting Integration▶ Label Printing▶ EDI Integration	<ul style="list-style-type: none">▶ Company Info▶ Company Preferences▶ Custom Fields▶ Page Layouts ←▶ Email Templates▶ Form Templates▶ Label Templates	<ul style="list-style-type: none">▶ Roles▶ Users▶ Billing and Subscription

Go to your options and click on Page Layouts

Lot or Serial	Editor	✎
Lot or Serial	Details	✎
Customer	Editor	✎
Customer	Details	✎
Lead	Editor	✎
Lead	Details	✎
Customer Address	Editor	✎
Vendor Address	Editor	✎
Item	Editor	✎
<u>Item</u>	<u>Details</u>	✎ ←
Adjustment	Editor	✎
Adjustment	Details	✎
Value Adjustment	Editor	✎
Value Adjustment	Details	✎
Sales Order	Editor	✎
Sales Order	Details	✎
Quote	Editor	✎
Quote	Details	✎
Ship Doc	Editor	✎

Scroll down to the Item - Details Layout and click the Edit button

Sample Note
Sample Note

Inventory Custom On Order Detail Required Detail Transactions Vendors Related Items Customer Aliases Variations Attachments

Item Image Barcodes Alias

Ref No Sample Ref No
Origin Sample Origin
Length 10.00
Commission Rate 100.00
Vendor Qty 10.00
Measure Sample Measure
Calc 1 Sample Calc 1
Calc 2 Sample Calc 2
Calc 3 10.00
Calc 4 4/1/2019
Calc 5 Sample Calc 5
Do Not Export
Website Item Id Sample Website Item Id
Website Variant Id Sample Website Variant Id
Published Scope Sample Published Scope
Discontinued
Margin % 10.00

Click & Drag Margin % to its new location

Click on the Custom Tab (Your Custom Field can be placed virtually anywhere)
Click and Drag the new Margin % field over where you'd like it
Click Save up at the top-right to save your new layout

Home > Items > Item

Created By Ian Benoitel 5/8/2018 3:22 PM Modified By Ian Benoitel 4/1/2019 1:58 PM

Item - Hard Drive **Edit** Print Label

General

Description HARD DRIVE WITH 2 GIG
Type Part
Group Hardware Change group
UOM EA
Price 1,000.00
Std. Cost 500.0000

Summary

Available	14.00
Required	1.00
On order	16.00 ETA-5/24/2018

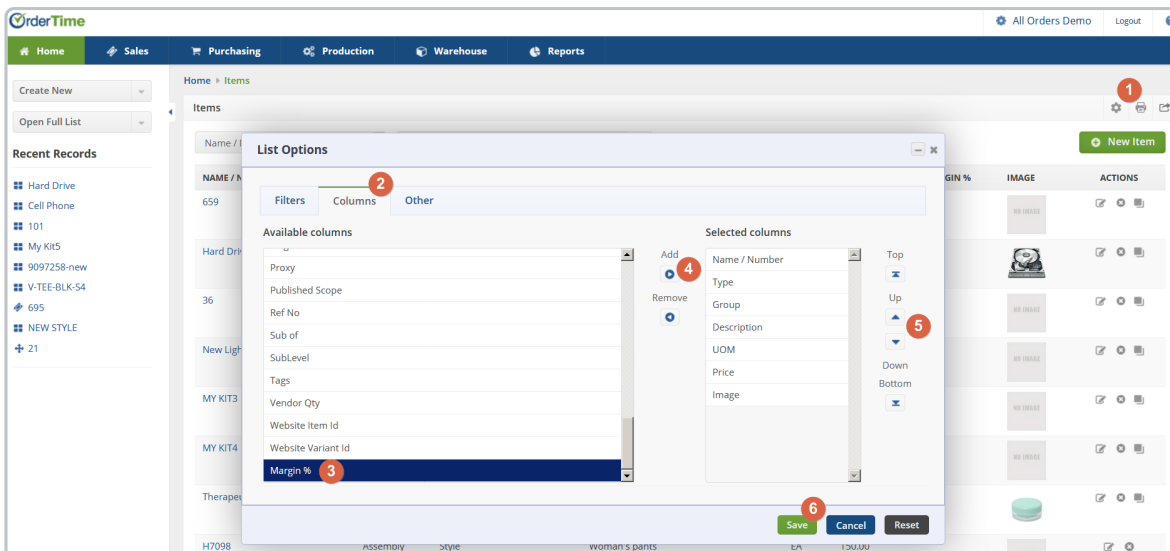
Note **Edit**

Inventory Custom On Order Detail Required Detail Transactions Vendors Related Items Customer Aliases Attachments Item Image

Ref No
Origin
Length
Commission Rate
Vendor Qty
Measure
Calc 1 HARD DRIVE WITH 2 GIG Boo
Calc 2 23
Calc 3 12000
Calc 4 12/1/2018
Calc 5 Y
Do Not Export
Website Item Id
Website Variant Id
Published Scope
Discontinued
Margin % 50

Now when you go to an Item Details page and click the Custom tab, you'll see the new Margin % field.

We'll Add our Margin % to a column on the Item List —



If you wanted to add it to your Item List, click Open Full List on the left and click on Items

1. Click on the cog to set List Options

2. Click on the Columns tab

3. Click on the new Margin % field in the menu

4. Click Add to move it over into the Selected Columns

5. Sort it to the position you want, remember everything is customizable

6. Hit save when you are finished and enjoy your new Margin % Column on the Item List