



ScaleNorth NetSuite MasterClass – Session 8 – Advanced Saved Search Formulas

May 23, 2025

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Objective

- ▲ We have started hosting these monthly NetSuite Master Classes, because we have found most common challenges people have with NetSuite
 - Lack of Training
 - Take advantage of saved search reporting
 - CSV Imports
 - Mass Updates
 - Simple workflows to automate processes
 - Custom Records, Forms, Fields
 - Advanced PDFs
 - Don't Know what I don't Know
- ▲ Our goal is to teach these things so companies and more importantly their employees can maximize the value and utility they get out of the NetSuite Platform/Ecosystem

Agenda

▲ Introductions

- ScaleNorth
 - Quick ScaleNorth Overview

▲ Examples and Use Cases

- Case When Variations
- Character Functions
 - Length
 - Replace
 - INSTR
 - SUBTR
- Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet
 - Decode

▲ Live Q&A

▲ Next Steps

Introductions



Charles Stevenson

Vice President, Sales

- ▲ Managed Sales Teams for Two Fortune 500 Companies over two decades
- ▲ BS Accounting from USC



Dean Carazza, CPA

Sr. Business Development Manager

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- ▲ 14 years of experience
- ▲ Public and Private Accounting
- ▲ 8 years NetSuite Experience
 - 2 Years Private/User - Assistant Controller for \$100M Distributor in Irvine
 - 6 years ScaleNorth
 - Led some of the largest and most complex implementations and integrations. Have done over 20 implementations.
 - Industry experience
 - Manufacturing, E-Commerce and Warehouse/Distribution SaaS, Professional Services

Meet The Team

“

We wanted a partner that could deliver fast solutions, communicate with us and keep us up to date on the status of our ERP project...ScaleNorth covered all of these bases while delivering world-class service. It's been fantastic.

Jerod Schoneman
General Manager, Total Energy Systems



275+
Team
Members



1,650+
Years of Collective
NetSuite ERP
Experience

ORACLE NETSUITE
BPO Partner



680+
NetSuite
Certifications
Held by Staff



8.5+
Avg Years of
NetSuite
Experience

ORACLE NETSUITE
Solution Provider



\$2.5B+
Annual Revenue
Transactions
Processed



57%
Percentage
of staff with
CPAs

ORACLE NETSUITE
SuiteCloud Developer Network

Services at a Glance



NetSuite
Implementation



Outsourced
Accounting



NetSuite
Consulting &
Managed Services



Technical
Services

Technology Partners



Case When Variations



Case When Variations

▲ Use Cases

- Customer Record Saved Search
 1. Case When Or
 2. Case When In
 3. Aggregate Functions within Formula Field Nested Case When
 4. Case When Formula Text as Available Filter

Case When Variations – Continued

1. Case When Or

- Going to start off by Creating a Customer Saved Search
 - Navigate to Reports>New Search

Search

SEARCH TYPE

Consolidated Exchange Rates

Contact

Country

Customer

- Click on Create Saved Search

Customer Search

Submit | **Export** ▼ | **Personalize Search** | **Create Saved Search**

USE ADVANCED SEARCH

Criteria **Results**

- Name the Search

Saved Customer Search

Save & Run ▼ | **Cancel** | **Preview** | **Actions**

SEARCH TITLE *
SN MC Case When Variations

ID

PUBLIC
 AVAILABLE AS LIST VIEW

AVAILABLE AS DASHBOARD VIEW
 AVAILABLE AS SUBLIST VIEW
 AVAILABLE FOR REMINDERS
 SHOW IN MENU

Case When Variations - Continued

1. Case When Or

- Add the following Criteria

Criteria Results Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

Use this tab to specify criteria that narrow down your search.

USE EXPRESSIONS

FILTER *	DESCRIPTION *
Address	is not empty
State/Province	is any of United States - California, United States - Texas

- Add the following Results and Hit Save and Run

Columns • Drill Down Fields

Remove all Add Multiple

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA
ID			
Name			
Email			
Phone			
Primary Contact			
Address			
City			
State/Province			

✓ Add ✕ Cancel + Insert 🗑 Remove ⬆ Move Up ⬇ Move Down 📄 Move To Top

Save & Run Cancel Preview New Template Change ID Actions

Case When Variations - Continued

1. Case When Or

- Add the following Criteria

Criteria Results Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

Use this tab to specify criteria that narrow down your search.

USE EXPRESSIONS

FILTER *	DESCRIPTION *
Address	is not empty
State/Province	is any of United States - California, United States - Texas

- Add the following Results and Hit Save and Run

Columns • Drill Down Fields

Remove all Add Multiple

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA
ID			
Name			
Email			
Phone			
Primary Contact			
Address			
City			
State/Province			

✓ Add ✕ Cancel + Insert 🗑 Remove ⬆ Move Up ⬇ Move Down 📄 Move To Top

Save & Run Cancel Preview New Template Change ID Actions

Case When Variations - Continued

1. Case When Or

SN MC Case When Variations: Results List Search Audit Trail

Edit this Search Add

FILTERS

NEW	EDIT VIEW	INTERNAL ID	ID *	NAME	EMAIL	PHONE	PRIMARY CONTACT	ADDRESS	CITY	STATE/PROVINCE	TOTAL: 36
	<a>Edit View	252	Davidson Supplies	Davidson Supplies	info@davidsonsupplies.com	(415) 555-0199	Edgar Henry	Davidson Supplies 805 Cherry Avenue San Mateo CA 94403 United States	San Mateo	CA	
	<a>Edit View	253	Davis Supplies	Davis Supplies	info@davisissupplies.com	(626) 599-9562	Brandon Norris	Davis Supplies 88 King Street #719 San Mateo CA 94403 United States	San Mateo	CA	
	<a>Edit View	254	Dazzlesphere Company	Dazzlesphere Company	info@dazzlespherecompany.com	(855) 410-9294	Cesar Hicks	Dazzlesphere Company 1210 Daphne Avenue, Gardena Los Angeles CA 90011 United States	Los Angeles	CA	
	<a>Edit View	255	Demizz Consulting	Demizz Consulting	info@demizzconsulting.com	(954) 586-0037	Maryann Bishop	Demizz Consulting 4361 Mammoth Lakes Ave. Dallas TX 75211 United States	Dallas	TX	
	<a>Edit View	256	Dermack Services	Dermack Services	info@dermackservices.com	(415) 230-9600	Erik Nash	Dermack Services 9600 Lakeshore Blvd Escondido CA 92025 United States	Escondido	CA	

- Edit the Search

- Now we are going to add our first simple Case When Or formula Text Field
 - case when {state}='CA' or {state}='TX' then 'West Coast' else 'Other' End

Criteria Results Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

Use this tab to indicate columns to be included in the search results as well as sort order.

Sort BY: ID [DESCENDING]

Then BY: [DESCENDING]

Then BY: [DESCENDING]

Columns • Drill Down Fields

Remove all Add Multiple

FIELD *	SUMMARY TYPE	FUNCTION
ID		
Name		
Email		
Phone		
Primary Contact		
Address		
City		
State/Province		

Formula (Text)

Set Cancel

FUNCTION

FIELD

FORMULA

```
case when (state)='CA' or (state)='TX' then 'West Coast' else 'Other' End
```

Add Cancel Insert Remove Move Up Move Down Move To Top Move To Bottom

Case When Variations – Continued

1. Case When Or

- Can add Custom Label and add the Formula text Field
 - Labeled it Case When Or – Territory

The screenshot shows the search configuration interface. The 'Columns' section is expanded, showing a table with columns: FIELD*, SUMMARY TYPE, FUNCTION, FORMULA, WHEN ORDERED BY FIELD, and CUSTOM LABEL. The 'Formula (Text)' row contains the formula: `case when (state)='CA' or (state)='TX' then 'West Coast' else 'Other' end`. A 'Custom Label' button is visible next to the formula. The 'Case When Or - Territory' label is highlighted in yellow.

- Can Save/Run the Search to See Results

SN MC Case When Variations: Results List Search

[Edit this Search](#) [Add](#)

FILTERS

NEW	EDIT VIEW	INTERNAL ID	ID ▲	NAME	EMAIL	PHONE	PRIMARY CONTACT	ADDRESS	CITY	STATE/PROVINCE	CASE WHEN OR
	Edit View	252	Davidson Supplies	Davidson Supplies	info@davidsonsupplies.com	(415) 555-0199	Edgar Henry	Davidson Supplies 805 Cherry Avenue San Mateo CA 94403 United States	San Mateo	CA	West Coast
	Edit View	253	Davis Supplies	Davis Supplies	info@davissupplies.com	(626) 599-9562	Brandon Norris	Davis Supplies 88 King Street #719 San Mateo CA 94403 United States	San Mateo	CA	West Coast
	Edit View	254	Dazzlesphere Company	Dazzlesphere Company	info@dazzlespherecompany.com	(855) 410-9294	Cesar Hicks	Dazzlesphere Company 1210 Daphne Avenue, Gardena Los Angeles CA 90011 United States	Los Angeles	CA	West Coast
	Edit View	255	Demizz Consulting	Demizz Consulting	info@demizzconsulting.com	(954) 586-0037	Maryann Bishop	Demizz Consulting 4361 Mammoth Lakes Ave. Dallas TX 75211 United States	Dallas	TX	West Coast

Case When Variations – Continued

2. Case When In

- Now we can show how to get the same results using a different variation of Case When that for this use case is easier than last using Case When In. Easier because can just continue to list comma separated the values you want to apply conditions to.
 - Add the following Formula Text Field for Case When In
 - › case when {state} IN ('CA','TX') then 'West Coast' else 'Other' End
 - Added a custom label called Case When In – Territory

Columns • Drill Down Fields

Remove all Add Multiple

FIELD*	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL
ID					
Name					
Email					
Phone					
Primary Contact					
Address					
City					
State/Province					
Formula (Text)			case when {state}='CA' or {state}='TX' then 'West Coast' else 'Other' End		Case When Or - Territory
Formula (Text)			case when {state} IN ('CA','TX') then 'West Coast' else 'Other' End		Case When In - Territory

▼

Add Cancel Insert Remove Move Up Move Down Move To Top Move To Bottom

Case When Variations - Continued

2. Case When In

- Save and Run to See Results

SN MC Case When Variations: Results

List Search Audit Trail

Edit this Search

Add

+ FILTERS

   |   | EDIT

TOTAL: 36

URNAL ID	ID ▲	NAME	EMAIL 	PHONE 	PRIMARY CONTACT	ADDRESS	CITY	STATE/PROVINCE	CASE WHEN OR - TERRITORY	CASE WHEN IN - TERRITORY
252	Davidson Supplies	Davidson Supplies	info@davidsonsupplies.com	(415) 555-0199	Edgar Henry	Davidson Supplies 805 Cherry Avenue San Mateo CA 94403 United States	San Mateo	CA	West Coast	West Coast
253	Davis Supplies	Davis Supplies	info@davissupplies.com	(626) 599-9562	Brandon Norris	Davis Supplies 88 King Street #719 San Mateo CA 94403 United States	San Mateo	CA	West Coast	West Coast

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Use Case

- To calculate the Average Invoice Value on the Customer Record Search
 1. First use Formula Numeric Field to get the Count # of Invoices
 2. Then use Formula Numeric Field to get the Amount
 3. Then combine to two formulas above into a single Formula Currency Field using aggregate functions for Sum and Count
 4. Case When Formula Text as Available Filter

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Use Case

- To calculate the Average Invoice Value on the Customer Record Search

1. First use Formula Numeric Field to get the Count # of Invoices

case when {transaction.type}='Invoice' then {transaction.internalid} end

- **Note – need to Join to the Transaction Fields since this is a Customer Search**
- **Make Sure to Group Results**

Columns • Drill Down Fields						
FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL	
⋮ ID						
⋮ Name	Group					
⋮ Email						
⋮ Phone						
⋮ Primary Contact						
⋮ Address						
⋮ City						
⋮ State/Province						
⋮ Formula (Text)	Group		case when {state}='CA' or {state}='TX' then 'West Coast' else 'Other' End		Case When Or - Territory	
⋮ Formula (Text)	Group		case when {state} IN ('CA','TX') then 'West Coast' else 'Other' End		Case When In - Territory	
⋮ Formula (Numeric)	Count		case when {transaction.type}='Invoice' then {transaction.internalid} end			Count # of Invoices

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Can Save and Run to see if returning the Count of Invoices

SN MC Case When Variations: Results

List Search Audit Trail

Edit this Search

FILTERS

NAME ▲	CASE WHEN OR - TERRITORY	CASE WHEN IN - TERRITORY	COUNT OF COUNT # OF INVOICES
- None -	West Coast	West Coast	110
Davidson Supplies	West Coast	West Coast	11
Davis Supplies	West Coast	West Coast	14
Dazzlesphere Company	West Coast	West Coast	0
Demizz Consulting	West Coast	West Coast	12
The Altima Technology	West Coast	West Coast	15
Total			162

- Can validate by spot checking on a transaction search. Example, did a quick Transaction Search for Davidson Supplies for Transaction Type = Invoice and Main Line is True and can see also came up with a 11 invoices.

Transaction Search: Results

List Search Audit Trail

Return To Criteria Save This Search

FILTERS

NEW	EDIT VIEW	INTERNAL ID	ORDER TYPE ▲	DATE	AS-OF DATE	PERIOD	TAX PERIOD	TYPE	DOCUMENT NUMBER	NAME	ACCOUNT	MEMO	AMOUNT	PREFERRED ENTITY BANK	VENDOR BANK FEES	BANK FEE	MX OPERATION TYPE	IMPORT PERMIT NO.	IMPORT DECLARATION NO.	DISABLE TRANSACTION DIST.
	Edk View	9153	*	01/17/2025	05/21/2025	Jan 2025	Jan 2025	Invoice	136	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		2,310.00							No
	Edk View	12230	*	02/09/2025	05/21/2025	Feb 2025	Feb 2025	Invoice	155	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		854.85							No
	Edk View	13160	*	02/23/2025	05/21/2025	Feb 2025	Feb 2025	Invoice	165	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,212.00							No
	Edk View	13993	*	03/07/2025	05/21/2025	Mar 2025	Mar 2025	Invoice	176	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		770.00							No
	Edk View	16892	*	04/24/2025	05/21/2025	Apr 2025	Apr 2025	Invoice	209	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,072.00							No
	Edk View	17522	*	04/30/2025	05/21/2025	Apr 2025	Apr 2025	Invoice	219	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,010.00							No
	Edk View	18682	*	03/21/2025	05/21/2025	Mar 2025	Mar 2025	Invoice	239	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,980.00							No
	Edk View	21578	*	02/03/2025	06/02/2025	Feb 2025	Feb 2025	Invoice	275	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		39,975.00							No
	Edk View	28648	*	01/20/2025	06/03/2025	Jan 2025	Jan 2025	Invoice	304	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		9,093.00							No
	Edk View	29372	*	03/31/2025		Mar 2025	Mar 2025	Invoice	318	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,645.00							No
	Edk View	29479	*	03/31/2025		Mar 2025	Mar 2025	Invoice	337	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		7,794.00							No

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Use Case

- To calculate the Average Invoice Value on the Customer Record Search

2. Then use Formula Numeric Field to get the Amount

case when {transaction.type}='Invoice' and {transaction.mainline}='*' then {transaction.amount} end

- **Note – need to Join to the Transaction Fields since this is a Customer Search**

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL	CUSTOM LABEL TRANSLATION	SUMMARY LABEL	SUMMARY LABEL TRANSLATION
:: ID								
:: Name	Group							
:: Email								
:: Phone								
:: Primary Contact								
:: Address								
:: City								
:: State/Province								
:: Formula (Text)	Group		case when {state}='CA' or {state}='TX' then 'West Coast' else 'Other' End			Case When Or - Territory		
:: Formula (Text)	Group		case when {state} IN ('CA','TX') then 'West Coast' else 'Other' End			Case When In - Territory		
:: Formula (Numeric)	Count		case when {transaction.type}='Invoice' then {transaction.internalid} end			Count # of Invoices		
:: Formula (Numeric)	Sum		case when {transaction.type}='Invoice' and {transaction.mainline}='*' then {transaction.amount} end			Invoice Amount		

▼ ✕ Cancel + Insert 🗑 Remove ⬆ Move Up ⬇ Move Down 📄 Move To Top 📄 Move To Bottom

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Can Save and Run to see if returning Invoice Amount
 - Some helpful formula concepts shown in this example
 - > Showed Case When with And Condition
 - > * = Main Line

SN MC Case When Variations: Results

[Edit this Search](#)

+ FILTERS				
NAME ▲	CASE WHEN OR - TERRITORY	CASE WHEN IN - TERRITORY	COUNT OF COUNT # OF INVOICES	SUM OF INVOICE AMOUNT
- None -	West Coast	West Coast	110	882,062.13
Davidson Supplies	West Coast	West Coast	11	67,715.85
Davis Supplies	West Coast	West Coast	14	64,335.7
Dazzlesphere Company	West Coast	West Coast	0	
Demizz Consulting	West Coast	West Coast	12	63,692.75
The Altima Technology	West Coast	West Coast	15	71,739.95
Total			162	1,149,546.38

- Can validate by spot checking on a transaction search. Example, did a quick Transaction Search for Davidson Supplies for Transaction Type = Invoice and Main Line is True and can see Total matches 67,715.85

NEW	EDIT VIEW	INTERNAL ID	ORDER TYPE ▲	*	DATE	AS-OF DATE	PERIOD	TAX PERIOD	TYPE	DOCUMENT NUMBER	NAME	ACCOUNT	MEMO	AMOUNT
	Edit View	9153		*	01/17/2025	05/21/2025	Jan 2025	Jan 2025	Invoice	136	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		2,310.00
	Edit View	12230		*	02/09/2025	05/21/2025	Feb 2025	Feb 2025	Invoice	155	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		854.85
	Edit View	13160		*	02/23/2025	05/21/2025	Feb 2025	Feb 2025	Invoice	165	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,212.00
	Edit View	13993		*	03/07/2025	05/21/2025	Mar 2025	Mar 2025	Invoice	176	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		770.00
	Edit View	16892		*	04/24/2025	05/21/2025	Apr 2025	Apr 2025	Invoice	209	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,072.00
	Edit View	17522		*	04/30/2025	05/21/2025	Apr 2025	Apr 2025	Invoice	219	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,010.00
	Edit View	18682		*	03/21/2025	05/21/2025	Mar 2025	Mar 2025	Invoice	239	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,980.00
	Edit View	21578		*	02/03/2025	06/02/2025	Feb 2025	Feb 2025	Invoice	275	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		39,975.00
	Edit View	28648		*	01/20/2025	06/03/2025	Jan 2025	Jan 2025	Invoice	304	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		9,093.00
	Edit View	29372		*	03/31/2025		Mar 2025	Mar 2025	Invoice	318	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		1,645.00
	Edit View	29479		*	03/31/2025		Mar 2025	Mar 2025	Invoice	337	Davidson Supplies Davidson Supplies	1110 Accounts Receivable : Trade Receivables		7,794.00
											Total			67,715.85

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Use Case

- To calculate the Average Invoice Value on the Customer Record Search

3. Then combine to two formulas above into a single Formula Currency Field using aggregate functions for Sum and Count

`sum(case when {transaction.type}='Invoice' and {transaction.mainline}='*' then {transaction.amount} end)/count(distinct(case when {transaction.type}='Invoice' then {transaction.internalid} end))`

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	ORDERED BY FIELD	CUSTOM LABEL	CUSTOM LABEL TRANSLATION
:: ID						
:: Name	Group					
:: Email						
:: Phone						
:: Primary Contact						
:: Address						
:: City						
:: State/Province						
:: Formula (Text)	Group		case when {state}='CA' or {state}='TX' then 'West Coast' else 'Other' End			Case When Or - Territory
:: Formula (Text)	Group		case when {state} IN ('CA','TX') then 'West Coast' else 'Other' End			Case When In - Territory
:: Formula (Numeric)	Count		case when {transaction.type}='Invoice' then {transaction.internalid} end			Count # of Invoices
:: Formula (Numeric)	Sum		case when {transaction.type}='Invoice' and {transaction.mainline}='*' then {transaction.amount} end			Invoice Amount
:: Formula (Currency)	Average		sum(case when {transaction.type}='Invoice' and {transaction.mainline}='*' then {transaction.amount} end)/count(distinct(case when {transaction.type}='Invoice' then {transaction.internalid} end))			Average Invoice Amount

Case When Variations – Continued

3. Aggregate Functions within Formula Field Nested Case When

- Can Save and Run to See if Returning the Average Invoice Amount
 - Some helpful formula concepts show in this example
 - > Using Sum
 - > Using Count
 - > Using Distinct to get unique count

SN MC Case When Variations: Results

List Search Audit Trail

Edit this Search

FILTERS

NAME ▲	CASE WHEN OR - TERRITORY	CASE WHEN IN - TERRITORY	COUNT OF COUNT # OF INVOICES	SUM OF INVOICE AMOUNT	AVERAGE OF AVERAGE INVOICE AMOUNT
- None -	West Coast	West Coast	110	882,062.13	8,018.75
Davidson Supplies	West Coast	West Coast	11	67,715.85	6,155.99
Davis Supplies	West Coast	West Coast	14	64,335.7	4,595.41
Dazzlesphere Company	West Coast	West Coast	0		
Demizz Consulting	West Coast	West Coast	12	63,692.75	5,307.73
The Altima Technology	West Coast	West Coast	15	71,739.95	4,782.66
Total			162	1,149,546.38	1.00

Calculator

Standard

History Memory

67715.85 ÷ 11 =

6,155.986363636364

67715.85 ÷ 11 = 6,155.986363636364

Case When Variations – Continued

4. Case When Formula Text as Available Filter

- Use Case

- Create a Chart of Account Search with Case When Formula Text Field that can be used as Available Filter
- Navigate to Reports>New Search>Select Account
- Check Used Advanced Search and Create Saved Search Button

Account Search

| | |

USE ADVANCED SEARCH

Criteria | Results

Use this tab to specify criteria that narrow down your search.

- Name the Search

Saved Account Search

| | |

SEARCH TITLE *

SN MC Case When Formula Text Field Available Filter

ID

PUBLIC

Criteria | Results | Highlighting | Available Filters | Audience | Roles

Use this tab to specify criteria that narrow down your search.

Case When Variations - Continued

4. Case When Formula Text as Available Filter

- Save and Run

SN MC Case When Formula Text Field Available Filter: Results

[Edit this Search](#)

FILTERS

EDIT VIEW	INTERNAL ID	NAME ▲	DISPLAY NAME	ACCOUNT TYPE	DESCRIPTION	BALANCE
Edit View	24	Accounts Payable	2000 Accounts Payable	Accounts Payable		-8,583.00
Edit View	158	Accounts Payable : Accounts Payable - Trade	2010 Accounts Payable : Accounts Payable - Trade	Accounts Payable		-500,452.68
Edit View	140	Accounts Receivable	1100 Accounts Receivable	Accounts Receivable		0.00
Edit View	141	Accounts Receivable : Allowance for Doubtful Accounts	1120 Accounts Receivable : Allowance for Doubtful Accounts	Accounts Receivable		0.00
Edit View	6	Accounts Receivable : Trade Receivables	1110 Accounts Receivable : Trade Receivables	Accounts Receivable		-790,624.22
Edit View	159	Accrued Liabilities	2200 Accrued Liabilities	Other Current Liability		0.00

- Edit the Search
- Add following Formula Text Case When Field to Results
 - case when {type} IN ('Income', 'Other Income', 'Cost of Goods Sold', 'Expense', 'Other Expense') then 'IS' else 'BS' end

Criteria **Results** Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

Use this tab to indicate columns to be included in the search results as well as sort order.

Sort Options:
SORT BY: Name [DESCENDING]
THEN BY: [DESCENDING]
THEN BY: [DESCENDING]

Output Options:
OUTPUT TYPE: Normal
 SHOW TOTALS
 RUN UNRESTRICTED MAX RESULTS DISALLOW DRILL DOWN
 MY PREFERRED SEARCH RESULTS

Columns • Drill Down Fields

[Remove all](#) [Add Multiple](#)

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL
Name					
Display Name					
Account Type					
Description					
Balance					
Formula (Text)			case when (type) IN ('Income','Other Income','Cost of Goods Sold','Expense','Other Expense') then 'IS' else 'BS' end		IS (BS or IS)?

Case When Variations – Continued

4. Case When Formula Text as Available Filter

- Save and Run to see if added

SN MC Case When Formula Text Field Available Filter: Results

Edit this Search

FILTERS							
						Accounts — Employee	TOTAL: 248
EDIT VIEW	INTERNAL ID	NAME	DISPLAY NAME	ACCOUNT TYPE	DESCRIPTION	BALANCE	BS (BS OR IS)
Edit View	24	Accounts Payable	2000 Accounts Payable	Accounts Payable		-8,583.00	BS
Edit View	158	Accounts Payable : Accounts Payable - Trade	2010 Accounts Payable : Accounts Payable - Trade	Accounts Payable		-500,452.68	BS
Edit View	140	Accounts Receivable	1100 Accounts Receivable	Accounts Receivable		0.00	BS
Edit View	141	Accounts Receivable : Allowance for Doubtful Accounts	1120 Accounts Receivable : Allowance for Doubtful Accounts	Accounts Receivable		0.00	BS
Edit View	6	Accounts Receivable : Trade Receivables	1110 Accounts Receivable : Trade Receivables	Accounts Receivable		-790,624.22	BS

- Edit the Search and add the formula to the Criteria Tab also as below
- case when {type} IN ('Income','Other Income','Cost of Goods Sold','Expense','Other Expense') then 'IS' else 'BS' end
- Note to use Contains and enter a blank space

Saved Account Search
SN MC Case When Formula Text Field Available Filter

SEARCH TITLE *
SN MC Case When Formula Text Field Available Filter

ID
customsearch2594

OWNER
Dean Carazza

Criteria Results Highlighting Available Filters Audience Roles Email Audit

Use this tab to specify criteria that narrow down your search.

USE EXPRESSIONS

Standard Summary

FILTER *
Formula (Text)

Formula *

case when (type) IN ('Income','Other Income','Cost of Goods Sold','Expense','Other Expense') then 'IS' else 'BS' end

Formula (TEXT)
contains

Case When Variations – Continued

4. Case When Formula Text as Available Filter

- Add the Following Available Filters

Saved Account Search
SN MC Case When Formula Text Field Available Filter

Save & Run Cancel Preview New Template Change ID Actions

SEARCH TITLE *
SN MC Case When Formula Text Field Available Filter

ID
customsearch2594

OWNER
Dean Carazza

PUBLIC
 AVAILABLE FOR REMINDERS
 SHOW IN MENU

Criteria Results Highlighting **Available Filters** Audience Roles Email Audit Trail Execution Log Search Title Translation

i Limit the set of filters available on the form when you reuse this search, or to set filters for the results (such as when used as a list view). Remove all filters to use advanced search.

MY PREFERRED SEARCH FORM HIDE FILTER DROPDOWNS DEFAULT TEXT FIELD FILTER Any

Remove all Add Multiple

FILTER *	SHOW IN FILTER REGION	SHOW AS MULTI-SELECT	ACTION
FormulaText	Yes		REMOVE
Type	Yes		REMOVE

- Go back to Results and Sort the Search in ascending order

Saved Account Search

SN MC Case When Formula Text Field Available Filter

Save & Run Cancel Preview New Template Change ID Actions

SEARCH TITLE *
SN MC Case When Formula Text Field Available Filter

ID
customsearch2594

OWNER
Dean Carazza

Criteria **Results** Highlighting Available Filters Audience Roles Email

i Use this tab to indicate columns to be included in the search results as well as sort order.

SORT BY
Number DESCENDING

Case When Variations – Continued

4. Case When Formula Text as Available Filter

- Save and Run
- Can test out the Filters. If want to see only Balance Sheet can Type BS into Filter. If want to see only IS can type IS into filter.

SN MC Case When Formula Text Field Available Filter: Results

[Return To Criteria](#) [Edit this Search](#)

FILTERS

FS (BS OR IS)? TYPE STYLE

1000 — 2000 < > TOTAL: 132

EDIT VIEW	INTERNAL ID	NAME	DISPLAY NAME	ACCOUNT TYPE	DESCRIPTION	BALANCE	FS (BS OR IS)?
Edit View	139	Cash	1000 Cash	Bank		-297,799.00	BS
Edit View	1	Cash : Checking - West	1010 Cash : Checking - West	Bank		2,663,519.38	BS
Edit View	225	Cash : Checking - East	1011 Cash : Checking - East	Bank		743,330.51	BS
Edit View	2	Cash : Savings	1012 Cash : Savings	Bank		0.00	BS

SN MC Case When Formula Text Field Available Filter: Results

[Return To Criteria](#) [Edit this Search](#)

FILTERS

FS (BS OR IS)? TYPE STYLE

4000 — 6460 < > TOTAL: 116

EDIT VIEW	INTERNAL ID	NAME	DISPLAY NAME	ACCOUNT TYPE	DESCRIPTION	BALANCE	FS (BS OR IS)?
Edit View	54	Sales	4000 Sales	Income		0.00	IS
Edit View	176	Sales : Revenue - Services	4210 Sales : Revenue - Services	Income		-33,898,849.60	IS
Edit View	177	Sales : Revenue - Products	4310 Sales : Revenue - Products	Income		-6,515,394.10	IS

Case When Variations - Continued

4. Case When Formula Text as Available Filter

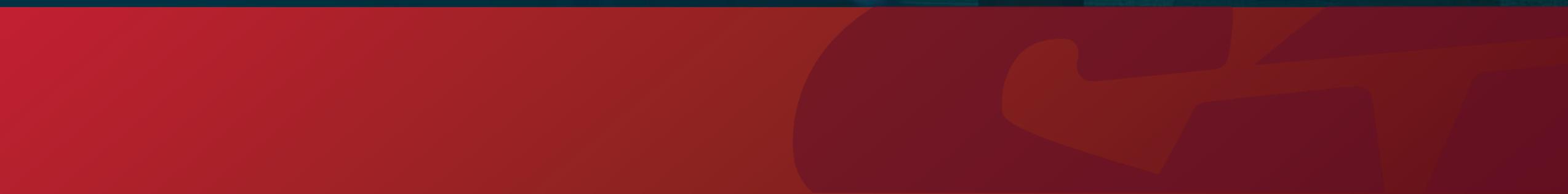
- Value shown in Use Case
 - Example of Case When IN
 - Showing how can use Formla Text Field as a dynamic filter with Case When
 - Account Search has for filtering and better user experience than native Chart of Accounts Page which has no filtering options available
- > Can only view or export

Chart of Accounts

View All

										TOTAL: 242
EDIT VIEW	SUMMARY	INTERNAL ID	NUMBER	ACCOUNT	TYPE	DESCRIPTION	CURRENCY	FOREIGN CURRENCY BALANCE	BALANCE	
Edit View	No	267		Customer Deposits	Other Current Liability				-23,418.28	
Edit View	No	268		External Inventory In Transit	Other Current Asset				0.00	
Edit View	No	266		IC Netting Clearing Account	Other Current Asset				0.00	
Edit View	No	139	1000	Cash	Bank		US Dollar	(\$297,799.00)	5,219,588.01	
Edit View	No	1	1010	Checking - West	Bank		US Dollar	\$2,663,519.38	2,663,519.38	
Edit View	No	225	1011	Checking - East	Bank		US Dollar	\$743,330.51	743,330.51	
Edit View	No	2	1012	Savings	Bank		US Dollar	\$0.00	0.00	

Character Functions



Character Functions

▲ Use Cases

- Item Search using Character Functions to find Child Value
 1. Length
 2. Replace
 3. Instring
 4. Substring
- Below is the Criteria Used

SEARCH TITLE *
SN MC Character Functions Search

ID
customsearch2592

OWNER
Dean Carazza

PUBLIC
 AVAILABLE AS LIST VIEW

Criteria Results Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

 Use this tab to specify criteria that narrow down your search.

USE EXPRESSIONS

Standard • Summary

FILTER *	DESCRIPTION *
Sub-Item Of	is not none

Character Functions - Continued

▲ Use Cases

- Item Search using Character Functions to find Child Value

1. Length
2. Replace
3. Instring
4. Substring

- Below are the Results Used

Criteria **Results** Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

 Use this tab to indicate columns to be included in the search results as well as sort order.

SORT BY
UPC Code DESCENDING

THEN BY
 DESCENDING

THEN BY
 DESCENDING

OUTPUT TYPE
Normal SHOW TOTALS

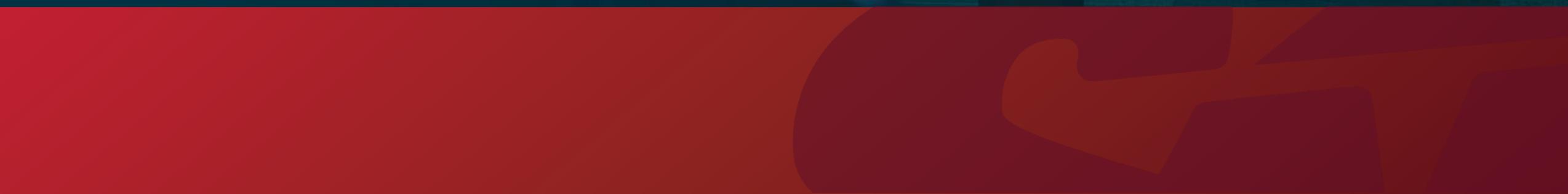
RUN UNRESTRICTED DISALLOW DRILL DOWN

MY PREFERRED SEARCH RESULTS

Columns • Drill Down Fields

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL	CUSTOM LABEL TRANSLATION
:: Name						
:: Display Name						
:: Description						
:: Type						
:: Base Price						
:: Formula (Numeric)			LENGTH({name})			Length of Item Name
:: Formula (Text)			REPLACE({name},':','')			Item Name Without Colons
:: Formula (Numeric)			LENGTH(REPLACE({name},':',''))			Length of Item Name Without Colons
:: Formula (Text)			INSTR({name},':')			Start Colon Position
:: Formula (Text)			SUBSTR({name},INSTR({name},':')+1,LENGTH({name})-INSTR({name},':'))			Sub Item

Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet



Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet

▲ Use Cases

- Creating Transaction Saved Search that Can help show breakdown of Open Customer Deposit Balances that tie back to the Balance Sheet
 - Use Decode Formula to create Unique Identifier for Customer Deposit # so can group/Sum Search by Customer Deposit Number
 - › Customer Deposits increase the balance
 - › Deposit Applications Reduce the balance
 - › Can only return those that don't net to zero and tie back to the Balance Sheet

Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet-Continued

▲ Can Start by Running a Balance Sheet to determine current balance in Customer Deposits

- Navigate to Reports>Financial>Balance Sheet

Balance Sheet [View Detail](#)

FINANCIAL ROW	AMOUNT
Total ASSETS	\$10,100,327.66
Liabilities & Equity	
Current Liabilities	
Accounts Payable	
2000 - Accounts Payable	
2000 - Accounts Payable	\$9,467.00
2010 - Accounts Payable - Trade	\$367,923.89
Total - 2000 - Accounts Payable	\$377,390.89
2900 - Intercompany Payable	\$4,660.00
Total Accounts Payable	\$382,050.89
Credit Card	
1050 - Credit Card	
1051 - Credit Card - Sub 1	\$375.00
Total - 1050 - Credit Card	\$375.00
Total Credit Card	\$375.00
Other Current Liability	
2200 - Accrued Liabilities	
2210 - Accrued Expenses	\$1,698,326.69
2220 - Inventory Received Not Billed	\$1,400.00
Total - 2200 - Accrued Liabilities	\$1,699,726.69
2300 - Liabilities - Taxes	
2305 - Sales Taxes Payable CA	\$5,325.03
Total - 2300 - Liabilities - Taxes	\$5,325.03
2450 - Other Project Cost Variance	
2455 - Project Cost Variance	\$23,420.00
Total - 2450 - Other Project Cost Variance	\$23,420.00
2510 - Deferred Revenue	\$1,811,084.48
Customer Deposits	\$23,418.28
Total Other Current Liability	\$3,562,974.48
Total Current Liabilities	\$3,945,400.37
Equity	
3210 - Owner's Capital	(\$200,000.00)
3510 - Capital Stock	\$4,560,709.63
Retained Earnings	\$1,872,814.16
Net Income	(\$78,596.49)
Total Equity	\$6,154,927.29
Total Liabilities & Equity	\$10,100,327.66

DATE: today AS OF: 05/22/2025 SUBSIDIARY CONTEXT: Parent Company (Consolidated)

Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet-Continued

- ▲ Next we can create a Transaction Saved Search that Will give us the Breakdown of this balance by Customer Deposit
 - Navigate to Reports>New Search
 - Criteria

Saved Transaction Search

SN MC Unique Identifier to Group/Reconcile to Balance Sheet

Save & Run | **Cancel** | **Preview** | **New Template** | **Change ID** | **Actions**

SEARCH TITLE *

SN MC Unique Identifier to Group/Reconcile to Balance Sheet

ID

customsearch2593

OWNER

Dean Carazza

PUBLIC

AVAILABLE AS LIST VIEW

AVAILABLE AS DASHBOARD VIEW

AVAILABLE AS SUBLIST VIEW

AVAILABLE FOR REMINDERS

SHOW IN MENU

Criteria | Results | Highlighting | Available Filters | Audience | Roles | Email | Audit Trail | Execution Log | Search Title Translation

 Use this tab to specify criteria that narrow down your search.

USE EXPRESSIONS

Standard • Summary

FILTER *

Account

DESCRIPTION *

is Customer Deposits

Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet-Continued

▲ Results Tab

▲ DECODE({type},'Customer Deposit',{number},'Deposit Application',{createdfrom.number},{number})

Criteria **Results** Highlighting Available Filters Audience Roles Email Audit Trail Execution Log Search Title Translation

Use this tab to indicate columns to be included in the search results as well as sort order.

SORT BY
Order Type DESCENDING

THEN BY
 DESCENDING

THEN BY
 DESCENDING

OUTPUT TYPE
Normal

CONSOLIDATED EXCHANGE RATE
Per-Account

SHOW TOTALS

RUN UNRESTRICTED DISALLOW DRILL DOWN

MY PREFERRED SEARCH RESULTS

Columns • Drill Down Fields

Remove all Add Multiple

FIELD *	SUMMARY TYPE	FUNCTION	FORMULA	WHEN ORDERED BY FIELD	CUSTOM LABEL
:: Order Type					
:: *					
:: Date					
:: As-Of Date					
:: Period					
:: Tax Period					
:: Type					
:: Document Number					
:: Name	Group				
:: Formula (Text)	Group		DECODE({type},'Customer Deposit',{number},'Deposit Application',{createdfrom.number},{number})		Customer Deposit #
:: Account					
:: Memo					
:: Amount	Sum				
:: Created From : Type					Created from Type
:: Created From : Document Number					Created From Document #

Creating Unique Identifier to Group/Reconcile Searches to Balance Sheet-Continued

- ▲ Can Run and See Results and Ties to Balance Sheet. Can also Drill down to detail to see supporting detail.
 - Helpful as can use this same approach on other similar accounts with created from transactions that can be used as unique grouping
 - Example Accrued Purchases, Undeposited Funds, etc

SN MC Unique Identifier to Group/Reconcile to Balance Sheet: Results

List Search Audit Trail

Edit this Search

+ FILTERS

			TOTAL: 3
NAME ▲	CUSTOMER DEPOSIT #		SUM OF AMOUNT
137 V3 Test Lead	2		5,000.00
Biggs Supplies	1		63.28
Davidson Supplies Davidson Supplies	3		18,355.00
Total			23,418.28

Questions?

Next Steps

- ▲ Follow me and ScaleNorth on LinkedIn. Will be posting the materials from today on our LinkedIn Group “NetSuite Made Easy”. Material from prior classes are posted out there as well. Can request to join group using link below
 - <https://www.linkedin.com/groups/14571179/>
- ▲ Will be hosting monthly with next one targeted to be Friday 06/20/25 12–1PM PST
 - Target Agenda:
 - Workflow Automation
- ▲ If you have any NetSuite pain points, enhancements, integrations or any questions we would be happy to setup a quick chat and see how we can help
 - Send me an email or give me a call or grab time on my calendar
 - dcarazza@scalenorth.com
 - 714–350–6211
 - <https://calendly.com/dcarazza-1>



NetSuite Consulting, Implementation and
Outsourced Accounting Services

THANK YOU!

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