




Chapter 2: The Testability Framework

 MyFirstTestFunction

 Test Codeunit 60000 MyFirstTestCodeunit
MyFirstTestFunction: SUCCESS
MySecondTestFunction: FAILURE
MySecondTestFunction
FAILURE

 Test Codeunit 60001 MySecondTestCodeunit
MyNegativeTestFunction: FAILURE
MyNegativeTestFunction
MyPostiveNegativeTestFunction: SUCCESS
FAILURE

```

1  codeunit 60002 MyThirdTestCodeunit
2  {
3      Subtype = Test;
4
5      [Handler]
6      procedure MyMessageHandler()
7      begin
8
9      end;
10 }
11
12

```

0 references

- ConfirmHandler
- FilterPageHandler
- HyperlinkHandler
- MessageHandler
- ModalPageHandler
- PageHandler
- RecallNotificationHandler
- ReportHandler
- RequestPageHandler
- SendNotificationHandler
- StrMenuHandler

```

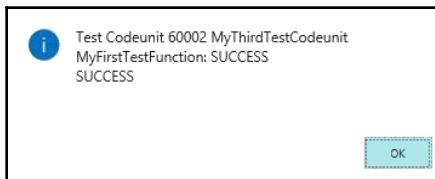
1  codeunit 60002
2  {
3      Subtype =
4
5      [MessageHandler]
6      procedure MyMessageHandler()
7      begin
8
9      end;
10 }

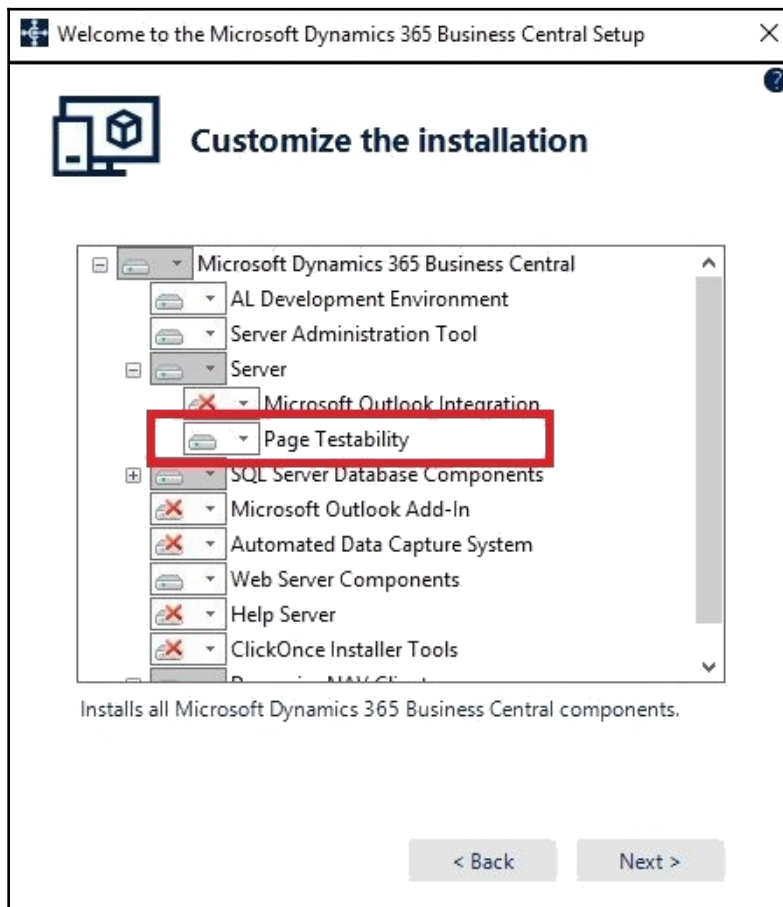
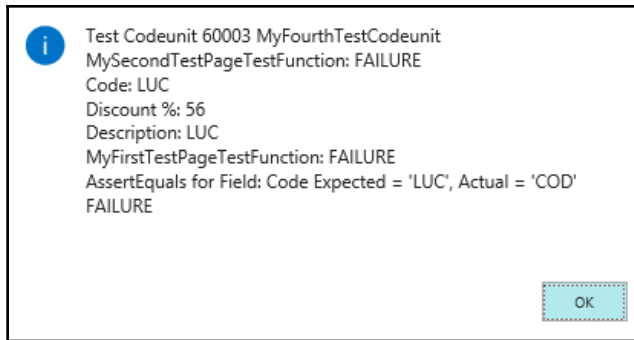
```

The signature of procedure 'MyMessageHandler' does not match the signature required by attribute 'MessageHandler'. The expected signature is: MyMessageHandler(Message: Text[1024]). AL(AL0241)

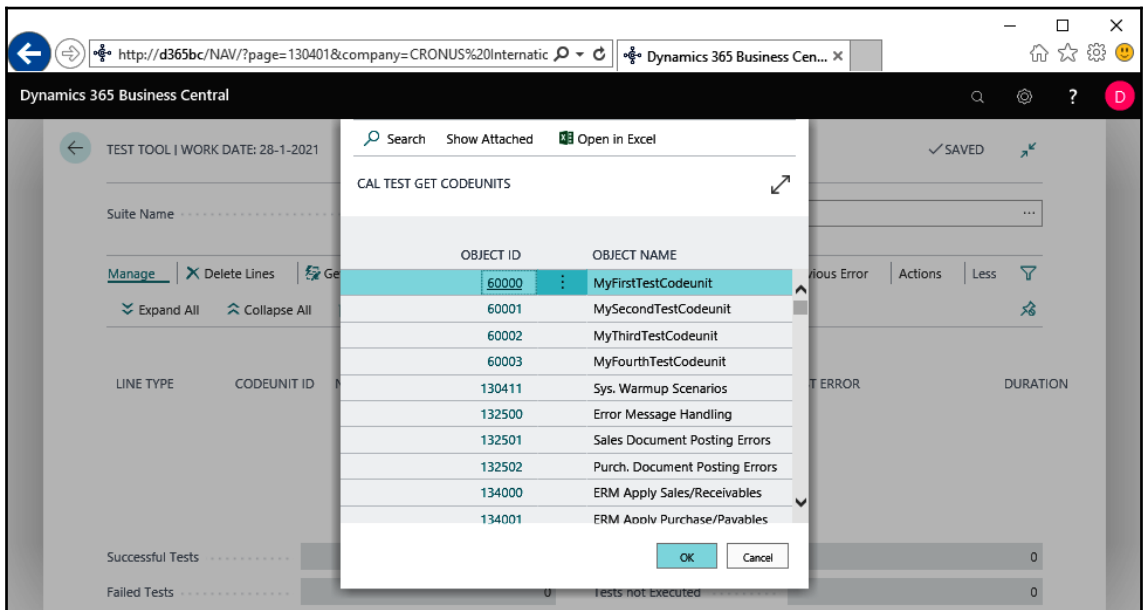
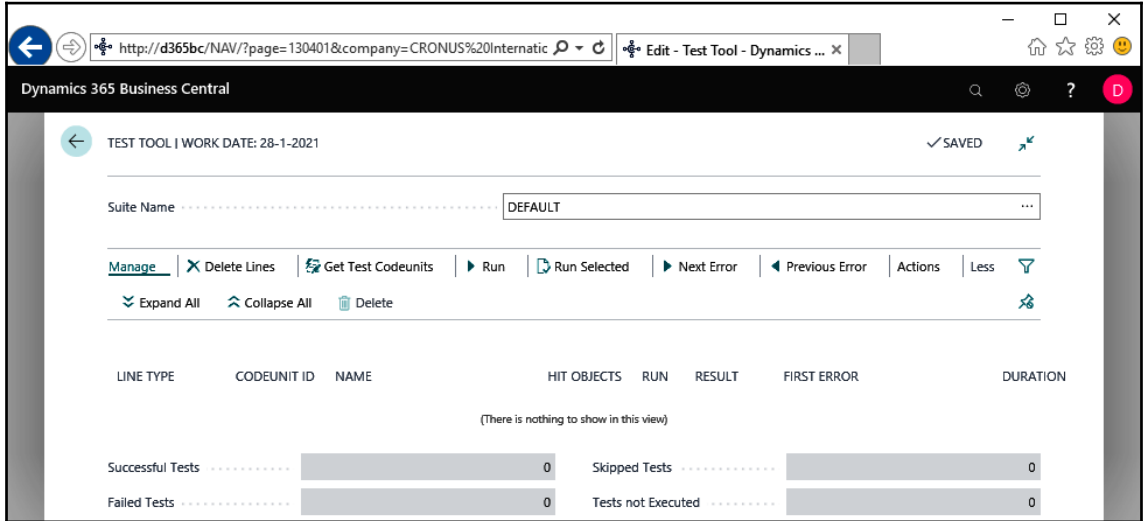
0 references

procedure MyMessageHandler()





Chapter 3: The Test Tool and Standard Tests



TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name:

[Manage](#) | [Delete Lines](#) | [Get Test Codeunits](#) | [Run](#) | [Run Selected](#) | [Next Error](#) | [Previous Error](#) | [Actions](#) | [Less](#)

[Expand All](#) | [Collapse All](#) | [Delete](#)

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	60000	MyFirstTestCodeunit	-	<input checked="" type="checkbox"/>	-		27 milliseconds
Function	60000	MyFirstTestFunction	-	<input checked="" type="checkbox"/>	-		
Function	60000	MySecondTestFunction	-	<input checked="" type="checkbox"/>	-		
Codeunit	60001	MySecondTestCodeunit	-	<input checked="" type="checkbox"/>	-		10 milliseconds
Function	60001	MyNegativeTestFunction	-	<input checked="" type="checkbox"/>	-		

Successful Tests 0 Skipped Tests 0
 Failed Tests 0 Tests not Executed 7

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name:

[Manage](#) | [Delete Lines](#) | [Get Test Codeunits](#) | [Run](#) | [Run Selected](#) | [Next Error](#) | [Previous Error](#) | [Actions](#) | [Less](#)

[Expand All](#) | [Collapse All](#) | [Delete](#)

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	60000	MyFirstTestCodeunit	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Message MyFirst...	217 milliseconds
Function	60000	MyFirstTestFunction	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Message MyFirst...	97 milliseconds
Function	60000	MySecondTestFunction	-	<input checked="" type="checkbox"/>	Failure	MySecondTestFunction	27 milliseconds
Codeunit	60001	MySecondTestCodeunit	-	<input checked="" type="checkbox"/>	Failure	MyNegativeTestFunction	23 milliseconds
Function	60001	MyNegativeTestFunction	-	<input checked="" type="checkbox"/>	Failure	MyNegativeTestFunction	7 milliseconds

Successful Tests 2 Skipped Tests 0
 Failed Tests 5 Tests not Executed 0

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name: ALL W1

[Manage](#) | [Delete Lines](#) | [Get Test Codeunits](#) | [Run](#) | [Run Selected](#) | [Next Error](#) | [Previous Error](#) | [Actions](#) | [Less](#)

[Expand All](#) | [Collapse All](#) | [Delete](#)

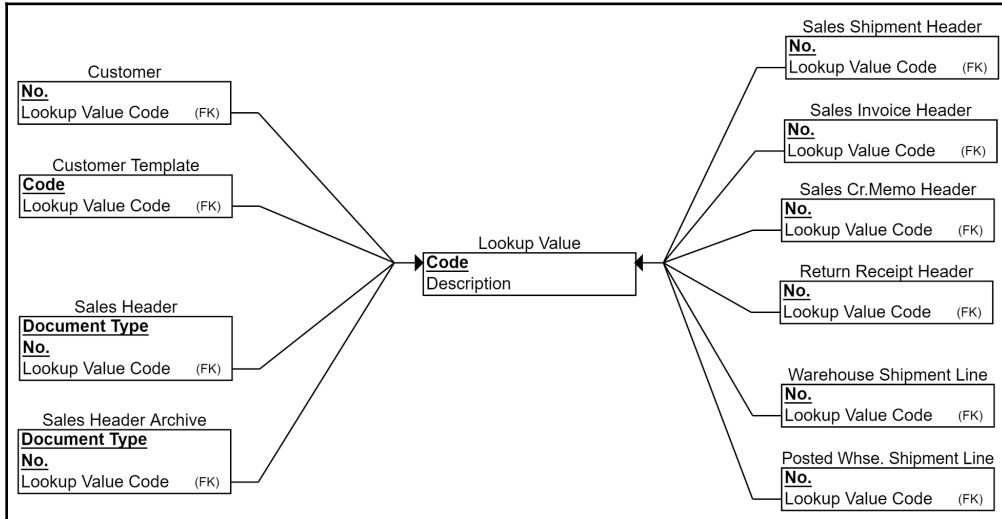
LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR
Codeunit	137413	SCM Item Attributes	-	✓	-	
Codeunit	137414	SCM Item Categories	-	✓	-	
Codeunit	137423	SCM WMS Item Unit of Measure	-	✓	-	
Codeunit	137501	SCM Available to Pick UT	-	✓	-	
Codeunit	137502	SCM Dedicated Bins	-	✓	-	
Codeunit	137503	SCM Qty on Comb. Invoice	-	✓	-	
Codeunit	137504	SCM Warehouse Unit Tests	-	✓	-	
Codeunit	137510	SMB Service Item	-	✓	-	
Codeunit	137511	SMB Cancel Sales/Purch. Inv.	-	✓	-	
Codeunit	137601	SCM CETAF Purchase	-	✓	-	
Codeunit	137602	SCM CETAF Sales-Purchase	-	✓	-	
Codeunit	137603	SCM CETAF Costing Revaluation	-	✓	-	
Codeunit	137606	SCM CETAF Costing Reval. WIP	-	✓	-	
Codeunit	137608	SCM CETAF Inventory Valuation	-	✓	-	
Codeunit	137609	SCM CETAF Add. Cost Sales	-	✓	-	
Codeunit	137611	SCM Costing Rollup Sev 1	-	✓	-	
Codeunit	137612	SCM Costing Rollup Sev 2	-	✓	-	
Codeunit	137614	SCM Costing Rollup Sev 3	-	✓	-	

Successful Tests: 0 Skipped Tests: 0
 Failed Tests: 0 Tests not Executed: 22768

The image shows a screenshot of the Visual Studio Code editor. The top menu bar includes File, Edit, Selection, View, Go, Debug, Terminal, and Help. The title bar reads 'COD131902.TXT - Test Objects - Visual Studio Code'. On the left, a search pane shows 686 results for 'CreateServiceItem' across various files. The main editor window displays the code for 'COD131902.TXT'. The code is a PL/SQL procedure named 'CreateServiceItem' with several parameters and a 'Parent Service Item No.' parameter. The code includes logic for validating service hours, inserting records, and handling customer numbers. The status bar at the bottom indicates 'Ln 438, Col 32 (17 selected) Spaces: 2 UTF-8 CRLF Plain Text'.

```
429 // Use a random Ending Time that does not fall in the next day.
430 ServiceHour.VALIDATE(
431     "Ending Time",
432     ServiceHour."Starting Time" + LibraryRandom.RandInt(LibraryUtili
433 ServiceHour.VALIDATE(Day,Day);
434 ServiceHour.INSERT(TRUE);
435 END;
436
437 [External]
438 PROCEDURE CreateServiceItem@2(VAR ServiceItem@1000 : Record...
439
440 PROCEDURE CreateServiceItemComponent@39(VAR ServiceItemCompon...
441
442 PROCEDURE CreateServiceItemGroup@9(VAR ServiceItemGroup@1000 : ...
443
444 PROCEDURE CreateServiceItemLine@5(VAR ServiceItemLine@1000 : Reco...
445
446 COD131904.TXT
447 LibraryService.CreateServiceItem(ServiceItem, Customer."No.");
448
449 LibraryService.CreateServiceItemLine(ServiceItemLine, ServiceHeader, Servi...
450
451 COD131920.TXT
452 LibraryService.CreateServiceItemLine(ServiceItemLine, ServiceHeader, Servi...
453
454 COD134030.TXT
455 LibraryService.CreateServiceItem(ServiceItem, ServiceHeader."Customer N...
456
457 COD134074.TXT
458 LibraryService.CreateServiceItemLine(ServiceItemLine, ServiceHeader, Servi...
459
460 COD134091.TXT
461 LibraryService.CreateServiceItemLine(ServiceItemLine, ServiceHeader, Servi...
462
463 COD134328.TXT
464 Item.GET(CreateServiceItem);
465 LOCAL PROCEDURE CreateServiceItem@450 : Code[20];
466
467 COD134382.TXT
468 LibraryService.CreateServiceItemLine(ServiceItemLine, ServiceHeader,");
```


Chapter 4: From Customer Wish to Test Automation - The Basics



Screenshot of Dynamics 365 Business Central Test Tool interface. The browser address bar shows: <http://d365bc/NAV/?company=CRONUS%20International%20Ltd.&bookmark=31%3bYf0>

TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81000	LookupValue UT Customer	-	<input checked="" type="checkbox"/>	Success	-	80 milliseconds
Function	81000	AssignLookupValueToCustomer	-	<input checked="" type="checkbox"/>	Success	-	70 milliseconds

Summary:

- Successful Tests: 1
- Failed Tests: 0
- Skipped Tests: 0
- Tests not Executed: 0

TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	ERROR MESSAGE	DURATION
Codeunit	81000	LookupValue UT Customer	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<LUC> (Text). Actual:<GU00000000> (Text). Lookup Value Code on Customer.	277 milliseconds
Function	81000	AssignLookupValueToCustomer	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<...>	257 milliseconds

Successful Tests: 0 | Skipped Tests: 0
Failed Tests: 1 | Tests not Executed: 0

Open record "Assert.AreEqual failed. Expected:<LUC> (Text). Actual:<GU00000000> (Text). Lookup Value Code on Customer." in a new window

CAL TEST RESULTS | WORK DATE: 28-1-2021

Search | Manage | Process | Call Stack | Show Attached | Open in Excel | More options

TEST RUN NO.	CODEUNIT ID	FUNCTION NAME	RESULT	START TIME	EXECUTION TIME	ERROR MESS
2656	81000	AssignLookupValueToCustomer	Passed	21-4-2019 08:33	207 millisecond...	
2657	81000	AssignLookupValueToCustomer	Failed	21-4-2019 08:39	278 millisecond...	Assert.AreEq

DURATION: 300 milliseconds, 277 milliseconds

Successful: 0 | Failed Tests: 0

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED ✕

Suite Name: DEFAULT

Manage Delete Lines Get Test Codeunits ▶ Run ▶ Run Selected ▶ Next Error ◀ Previous Error | Actions Fewer options

Functions ▾ TCM ▾ Projects ▾ ▶ Next Error ◀ Previous Error

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81000	LookupValue UT Customer	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<L...	300 milliseconds
Function	81000	AssignLookupValueToCustomer	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<L...	277 milliseconds

Successful Tests 0 Skipped Tests 0

Failed Tests 1 Tests not Executed 0

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED ✕

Suite Name: DEFAULT

Manage Delete Lines Get Test Codeunits ▶ Run ▶ Run Selected ▶ Next Error ◀ Previous Error | Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81000	LookupValue UT Customer	-	<input checked="" type="checkbox"/>	Success	-	154 milliseconds
Function	81000	AssignLookupValueToCustomer	-	<input checked="" type="checkbox"/>	Success	-	130 milliseconds
Function	81000	AssignNonExistingLookupValueToC...	-	<input checked="" type="checkbox"/>	Success	-	14 milliseconds

Successful Tests 2 Skipped Tests 0

Failed Tests 0 Tests not Executed 0

TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN
Codeunit	81000	LookupValue UT Customer	-	✓
Function	81000	AssignLookupValueToCustomer	-	✓
Codeunit	81000	LookupValue UT Customer	-	Failure

Open record "Assert.ExpectedError failed. Expected: The field Lookup Value Code of table Customer contains a value (LUQ) that cannot be found in the related table (Lookup Value).. Actual: The field Lookup Value Code of table Customer contains a value (SC #0002)!" in a new window

Assert.ExpectedError failed. Expect... 150 milliseconds

Successful Tests: 1 | Skipped Tests: 0
Failed Tests: 1 | Tests not Executed: 0

TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

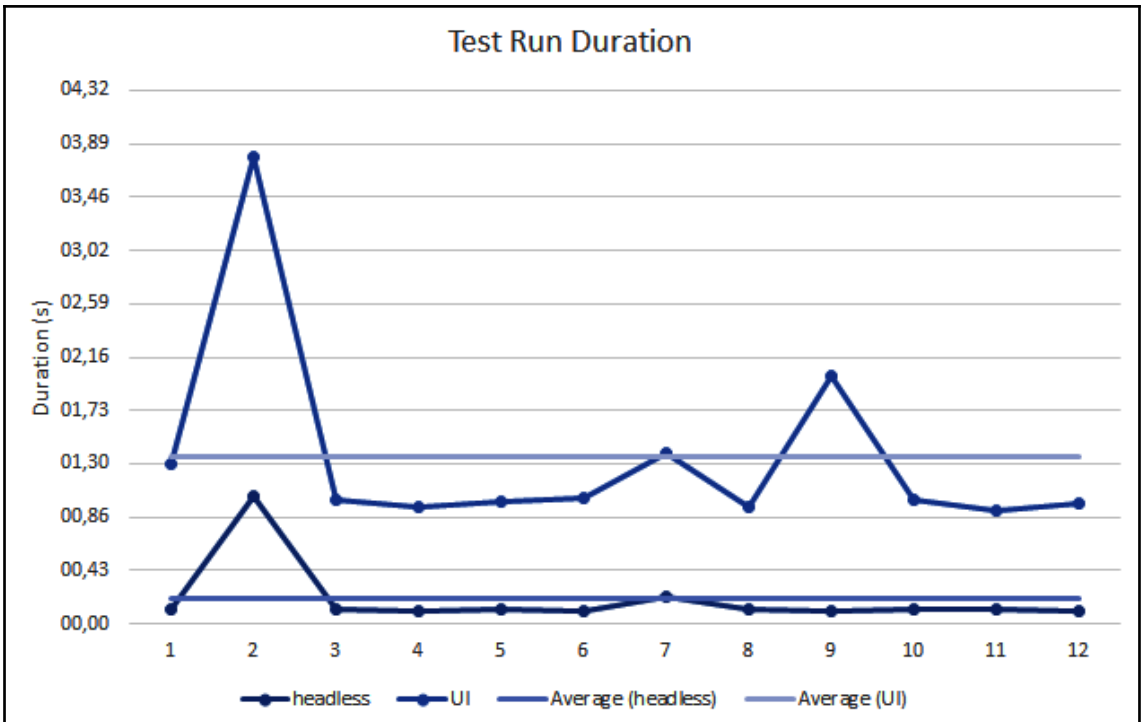
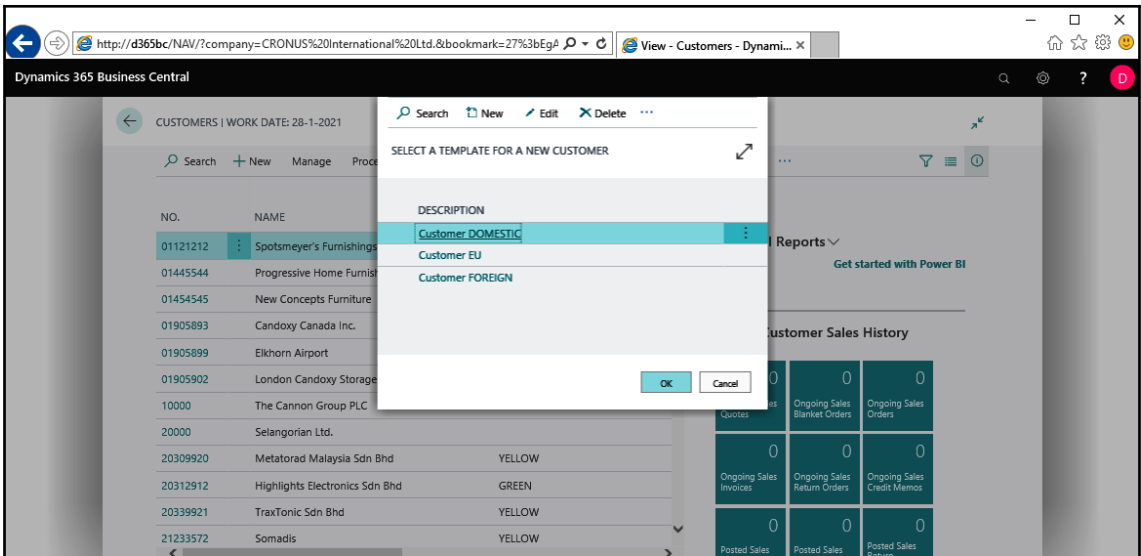
Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN
Codeunit	81000	LookupValue UT Customer	-	✓
Function	81000	AssignLookupValueToCustomer	-	✓
Function	81000	AssignNonExistingLookupValueToC...	-	✓
Codeunit	81000	LookupValue UT Customer	-	Failure

Open record "Unexpected CLR exception thrown.: Microsoft.Dynamics.Framework.UI.FormAbortException: Page New - Customer Card has to close ---> Microsoft.Dynamics.Nav.Types.Exceptions.NavNCLMissingUIHand... Unhandled UI: ModalPage 1340 ----> System.Reflect" in a new window

Unexpected CLR exception thrown... 3 seconds 676 m...

Successful Tests: 2 | Skipped Tests: 0
Failed Tests: 1 | Tests not Executed: 0



Chapter 6: From Customer Wish to Test Automation - Next Level

Dynamics 365 Business Central

TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81001	LookupValue UT Sales Document	-	<input checked="" type="checkbox"/>	Success	-	6 seconds 374 m
Function	81001	AssignLookupValueToSalesHeader	-	<input checked="" type="checkbox"/>	Success	-	1 second 50 mill
Function	81001	AssignNonExistingLookupValueToS...	-	<input checked="" type="checkbox"/>	Success	-	7 milliseconds
Function	81001	AssignLookupValueToSalesQuoteD...	-	<input checked="" type="checkbox"/>	Success	-	1 second 317 mi
Function	81001	AssignLookupValueToSalesOrderD...	-	<input checked="" type="checkbox"/>	Success	-	1 second 197 mi
Function	81001	AssignLookupValueToSalesInvoice...	-	<input checked="" type="checkbox"/>	Success	-	710 milliseconds
Function	81001	AssignLookupValueToSalesCreditM...	-	<input checked="" type="checkbox"/>	Success	-	627 milliseconds
Function	81001	AssignLookupValueToSalesReturn...	-	<input checked="" type="checkbox"/>	Success	-	660 milliseconds
Function	81001	AssignLookupValueToBlanketSales...	-	<input checked="" type="checkbox"/>	Success	-	770 milliseconds

Successful Tests: 8 | Skipped Tests: 0
Failed Tests: 0 | Tests not Executed: 0

Dynamics 365 Business Central

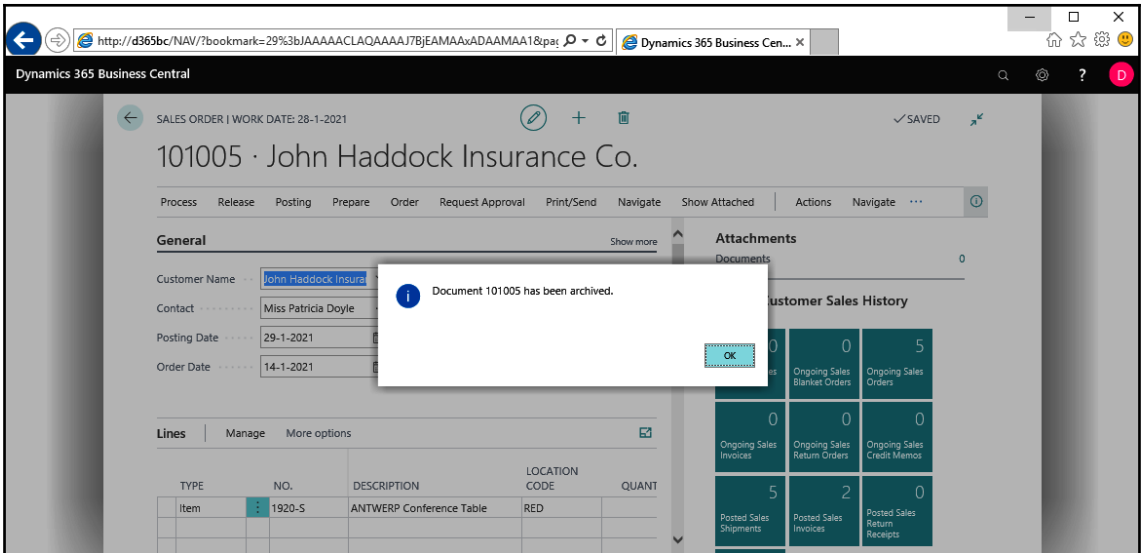
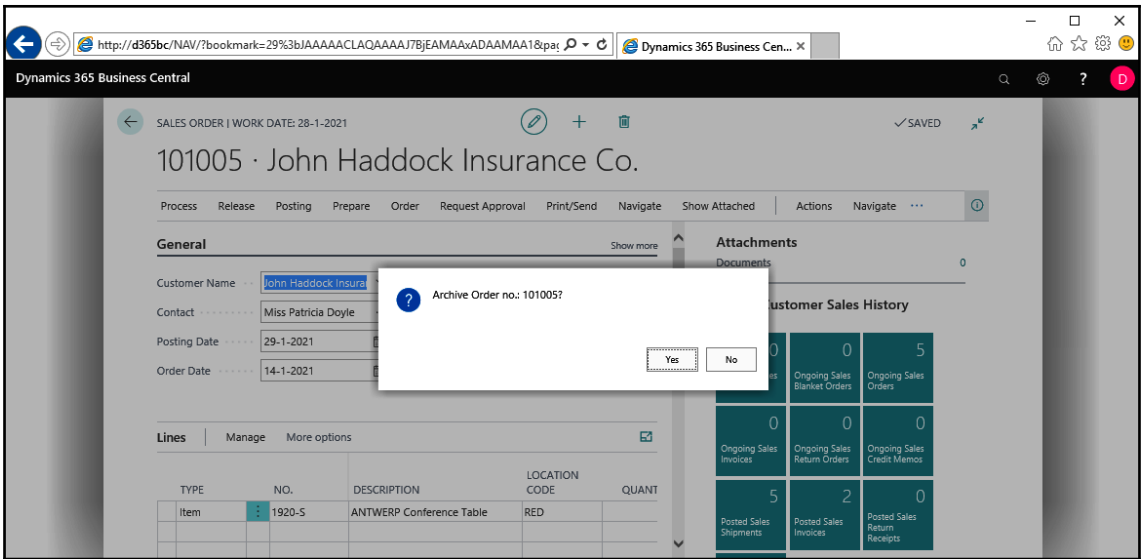
TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage | Delete Lines | Get Test Codeunits | Run | Run Selected | Next Error | Previous Error | Actions | Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81004	LookupValue Sales Archive	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Confirm Archive Or...	740 milliseconds
Function	81004	ArchiveSalesOrderWithLookupValue	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Confirm Archive Or...	537 milliseconds
Function	81004	ArchiveSalesQuoteWithLookupValue	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Confirm Archive Qu...	53 milliseconds
Function	81004	ArchiveSalesReturnOrderWithLook...	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Confirm Archive Re...	54 milliseconds
Function	81004	FindLookupValueOnSalesListArchive	-	<input checked="" type="checkbox"/>	Failure	Unhandled UI: Confirm Archive Or...	53 milliseconds

Successful Tests: 0 | Skipped Tests: 0
Failed Tests: 4 | Tests not Executed: 0



TEST TOOL | WORK DATE: 28-1-2021

Suite Name: DEFAULT

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81004	LookupValue Sales Archive	-	<input checked="" type="checkbox"/>	Success	-	690 milliseconds
Function	81004	ArchiveSalesOrderWithLookupValue	-	<input checked="" type="checkbox"/>	Success	-	477 milliseconds
Function	81004	ArchiveSalesQuoteWithLookupValue	-	<input checked="" type="checkbox"/>	Success	-	50 milliseconds
Function	81004	ArchiveSalesReturnOrderWithLook...	-	<input checked="" type="checkbox"/>	Success	-	47 milliseconds
Function	81004	FindLookupValueOnSalesListArchive	-	<input checked="" type="checkbox"/>	Success	-	104 milliseconds

Successful Tests: 4 Skipped Tests: 0
Failed Tests: 0 Tests not Executed: 0

CUSTOMERS | WORK DATE: 28-1-2021

Search + New Manage Process

SELECT A TEMPLATE FOR A NEW CUSTOMER

DESCRIPTION

- Customer DOMESTIC
- Customer EU
- Customer FOREIGN

NO.	NAME	
01121212	Spotsmeyer's Furnishings	
01445544	Progressive Home Furnishings	
01454545	New Concepts Furniture	
01905893	Candoxy Canada Inc.	
01905899	Elkhorn Airport	
01905902	London Candoxy Storage	
10000	The Cannon Group PLC	
20000	Selangorian Ltd.	
20309920	Metatorad Malaysia Sdn Bhd	YELLOW
20312912	Highlights Electronics Sdn Bhd	GREEN
20339921	TraxTonic Sdn Bhd	YELLOW
21233572	Somadis	YELLOW

Customer Sales History

Quoted Sales	Ongoing Sales Blanket Orders	Ongoing Sales Orders
Ongoing Sales Invoices	Ongoing Sales Return Orders	Ongoing Sales Credit Memos
Posted Sales	Posted Sales	Posted Sales Return

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name: DEFAULT

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81006	LookupValue Inheritance	-	✓	Success	-	1 second 643 mil...
Function	81006	InheritLookupValueFromCustomer...	-	✓	Success	-	530 milliseconds
Function	81006	InheritLookupValueFromConfigurat...	-	✓	Success	-	1 second 100 mil...

Successful Tests: 2 Skipped Tests: 0
Failed Tests: 0 Tests not Executed: 0

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name: DEFAULT

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81006	LookupValue Inheritance	-	✓	Success	-	1 second 643 mil...
Function	81006	InheritLookupValueFromCustomer...	-	✓	Success	-	530 milliseconds
Codeunit	81006	LookupValue Inheritance	-	✓	Failure	Assert.AreEqual failed. Expected:<...>	954 milliseconds

Open record "Unexpected CLR exception thrown.: Microsoft.Dynamics.Framework.UI.FormAbortException: Page New - Customer Card has to close ----> Microsoft.Dynamics.Nav.Types.Exceptions.NavTestRowNotFoundE... The row does not exist on the TestPage. ----> System." in a new window

Successful Tests: 1 Skipped Tests: 0
Failed Tests: 1 Tests not Executed: 0

Chapter 7: From Customer Wish to Test Automation - And Some More

Dynamics 365 Business Central

Customer - List vrijdag 12 april 2019
Page 1 / 10
D365BC/DEVLV

CRONUS International Ltd.

No.	Customer Posting Group	Customer Disc. Group	Invoice Disc. Code	Customer Price Group	Fin. Charge Terms Code	Payment Terms Code	Salesperson Code	Currency Code	Credit Limit (LCY)	Balance (LCY)
01121212	FOREIGN		01121212		2.0 FOR.	1M(BD)	JR Lookup Value Code	USD	0	0.00
Spotsmeyer's Furnishings, 612 South Sunset Drive, Miami, FL US-FL 37125, USA Contact: Mr. Mike Nash										
01445544	FOREIGN	RETAIL	01445544		2.0 FOR.	14 DAYS	JR Lookup Value Code	USD	0	1,499.03
Progressive Home Furnishings, 3000 Roosevelt Blvd., Chicago, US-IL 61236, USA Contact: Mr. Scott Mitchell										
01454545	FOREIGN	LARGE ACC	01454545		2.0 FOR.	CM	JR Lookup Value Code	USD	0	222,241.32
New Concepts Furniture, 705 West Peachtree Street, Atlanta, GA US-GA 31772, USA Contact: Ms. Tammy L. McDonald										
01905893	FOREIGN		01905893		2.0 FOR.	1M(BD)	JR Lookup Value Code	CAD	0	0.00
Candoy Canada Inc., 18 Cumberland Street, Thunder Bay, CA-ON P7B 5E2, Canada Contact: Mr. Rob Young										
01905899	FOREIGN	RETAIL	01905899		2.0 FOR.	14 DAYS	JR Lookup Value Code	CAD	0	0.00
Elkhorn Airport, 105 Buffalo Dr., Elkhorn, CA-ME ROM 0N0, Canada Contact: Mr. Ryan Danner										

Dynamics 365 Business Central

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

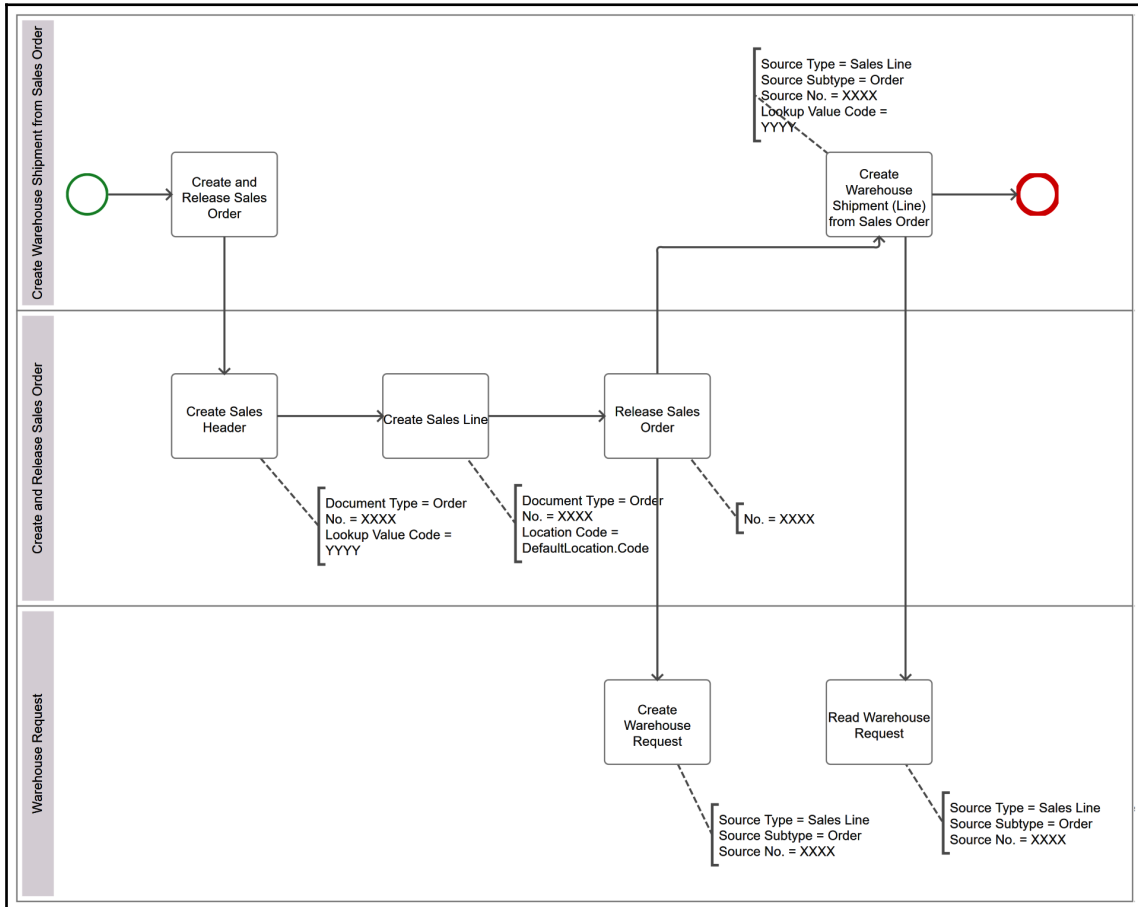
Suite Name:

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error | Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81008	Lookup Value Report	-	<input checked="" type="checkbox"/>	Success	-	1 second 360 mil...
Function	81008	TestLookupValueShowsOnCustome...	-	<input checked="" type="checkbox"/>	Success	-	1 second 357 mil...

Successful Tests: 1 Skipped Tests: 0
Failed Tests: 0 Tests not Executed: 0

Scenarios (execution order)	Average Duration with fresh setup (ms)	Average Duration with lazy setup (ms)	Delta %
#0015	276,8	270,0	-2%
#0017	421,7	295,6	-30%
#0030	258,6	134,8	-48%
#0031	299,1	151,7	-49%
Total	301,6	204,6	-32%



TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name:

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error | Actions Fewer options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81003	LookupValue Warehouse Shipment	-	<input checked="" type="checkbox"/>	Success	-	3 seconds 193 m...
Function	81003	AssignLookupValueToWarehouseS...	-	<input checked="" type="checkbox"/>	Success	-	2 seconds 173 m...
Function	81003	AssignNonExistingLookupValueTo...	-	<input checked="" type="checkbox"/>	Success	-	10 milliseconds
Function	81003	AssignLookupValueToLineOnWare...	-	<input checked="" type="checkbox"/>	Success	-	653 milliseconds
Function	81003	CreateWarehouseShipmentFromSal...	-	<input checked="" type="checkbox"/>	Success	-	120 milliseconds
Function	81003	GetSalesOrderWithLookupValueOn...	-	<input checked="" type="checkbox"/>	Success	-	217 milliseconds

Successful Tests: 5 Skipped Tests: 0
Failed Tests: 0 Tests Not Executed: 0

TEST TOOL | WORK DATE: 28-1-2021 ✓ SAVED

Suite Name:

Manage Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error | Actions Fewer options


LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR	DURATION
Codeunit	81003	LookupValue Warehouse Shipment	-	<input checked="" type="checkbox"/>	Failure	Open record "AssertAreEqual failed. Expected:<LUC> (Text). Actual:<GU00000000> (Text). Lookup Value Code on Warehouse Shipment Line." in a new window	
Function	81003	AssignLookupValueToWarehouseS...	-	<input checked="" type="checkbox"/>	Failure		
Function	81003	AssignNonExistingLookupValueTo...	-	<input checked="" type="checkbox"/>	Success		
Function	81003	AssignLookupValueToLineOnWare...	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<...>	376 milliseconds
Function	81003	CreateWarehouseShipmentFromSal...	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<...>	180 milliseconds
Function	81003	GetSalesOrderWithLookupValueOn...	-	<input checked="" type="checkbox"/>	Failure	Assert.AreEqual failed. Expected:<...>	167 milliseconds

Successful Tests: 1 Skipped Tests: 0
Failed Tests: 4 Tests Not Executed: 0

<http://d365bc/NAV/?page=130401&runinframe=1#>

Chapter 8: How to Integrate Test Automation in Daily Development Practice

Feature	Sub Feature	UI	Scenario	Given-When-Then	Given-When-Then (Description)	Scenario #	ATDD Format	Code Format
Label UT							[FEATURE] Label UT	//[FEATURE] Label UT
Label UT	Customer						[FEATURE] Label UT Customer	//[FEATURE] Label UT Customer
Label UT	Customer		Check that label can be assigned to customer			0001	[SCENARIO #0001] Check that label can be assigned to customer	//[SCENARIO #0001] Check that label can be assigned to customer
Label UT	Customer			Given	A label	0001	[GIVEN] A label	//[GIVEN] A label
Label UT	Customer			Given	A customer	0001	[GIVEN] A customer	//[GIVEN] A customer
Label UT	Customer			When	Assign label to customer	0001	[WHEN] Assign label to customer	//[WHEN] Assign label to customer
Label UT	Customer			Then	Customer has label field populated	0001	[THEN] Customer has label field populated	//[THEN] Customer has label field populated
Label UT	Customer		Check that label field table relation is validated for non-existing label on customer			0002	[SCENARIO #0002] Check that label field table relation is validated for non-existing label on customer	//[SCENARIO #0002] Check that label field table relation is validated for non-existing label on customer
Label UT	Customer			Given	A non-existing label value	0002	[GIVEN] A non-existing label value	//[GIVEN] A non-existing label value
Label UT	Customer			Given	A customer record variable	0002	[GIVEN] A customer record variable	//[GIVEN] A customer record variable
Label UT	Customer			When	Assign non-existing label to customer	0002	[WHEN] Assign non-existing label to customer	//[WHEN] Assign non-existing label to customer
Label UT	Customer			Then	Non existing label error was thrown	0002	[THEN] Non existing label error was thrown	//[THEN] Non existing label error was thrown
Label UT	Customer	X	Check that label can be assigned on customer card			0003	[SCENARIO #0003] Check that label can be assigned on customer card	//[SCENARIO #0003] Check that label can be assigned on customer card
Label UT	Customer	X		Given	A label	0003	[GIVEN] A label	//[GIVEN] A label
Label UT	Customer	X		Given	A customer card	0003	[GIVEN] A customer card	//[GIVEN] A customer card
Label UT	Customer	X		When	Assign label to customer card	0003	[WHEN] Assign label to customer card	//[WHEN] Assign label to customer card
Label UT	Customer	X		Then	Customer has label field populated	0003	[THEN] Customer has label field populated	//[THEN] Customer has label field populated

 Select Test Codeunits

All Test Codeunits

Get Tests Codeunits based on Modified Objects

Get Tests Codeunits based on Selected Objects

Browser: http://d365bccu3/NAV/?bookmark=31%3byf0BAAJ7%2f0QARQBGAEE Edit - Dynamics 365 Busine...

Dynamics 365 Business Central Test Tool

TEST TOOL

Search + New Edit List Delete Process ...

CAL TEST SUITES + New

Suite Name

Manage Process

NAME	DESCRIPTION	UP... TEST COVE MAP	TESTS TO EXECUTE	FAILURES	TESTS NOT EXECUTED
DEFAULT	Default Suite - A...	<input checked="" type="checkbox"/>	0	0	0

OK Cancel

Successful Tests 0 Skipped Tests 0

Failed Tests 0 Tests not Executed 0

Browser: http://d365bccu3/NAV/?bookmark=31%3byf0BAAJ7%2f0QARQBGAEE Edit - Test Tool - Dynamics ...

Dynamics 365 Business Central DEFAULT

TEST TOOL

Suite Name DEFAULT

Manage Process Actions Less options

Functions Select Run TCM Projects Next Error Previous Error

LINE TYPE	FUNCTION	HIT OBJECTS	RUN	RESULT	FIRST ERROR
Function	UnapplyPaymentCheckSourceC...		<input checked="" type="checkbox"/>	Success	-
Function	ApplyUnapplySalesCreditMemo		<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	CreditMemo		<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	plySalesInvoice		<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006 ApplyUnapplySalesCreditMemo		<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006 UnapplyPaymentCheckSourceC...		<input checked="" type="checkbox"/>	Success	-

Successful Tests 40 Skipped Tests 0

Failed Tests 14 Tests not Executed 0

TEST TOOL

Suite Name: DEFAULT

Manage Process Actions Less options

LINE TYPE	CODEUNIT ID	NAME	HIT OBJECTS	RUN	RESULT	FIRST ERROR
Function	134006	DetIdEntryCrMemoUnapplyError	-	<input type="checkbox"/>	Success	-
Function	134006	ApplySalesInvoice	-	<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006	ApplySalesCreditMemo	-	<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006	ApplyUnapplySalesInvoice	-	<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006	ApplyUnapplySalesCreditMemo	-	<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have
Function	134006	UnapplyPaymentCheckSourceC...	-	<input type="checkbox"/>	Success	-

Successful Tests: 40 Skipped Tests: 0

Failed Tests: 14 Tests not Executed: 0

Beta - Dynamics ...

2 Changes in last 7 d...

Main - Dynamics ...

2 Changes in last 7 d...

Builds ACCEPT-CI

18h ago

Releases - Dyna...

1 Changes in last 7 d...

NAVProvisioning...

0 Commits in last 7 d...

Builds RELEASE-CI

53m ago

Test Results ACCEPT

Test Duration ACCEPT

Build deployments ACCEPT

Stages\Builds: 39946, 40029, 40099, 40157, 40320, 40379, 40391

Stage 1: [Success icons]

Release runs ACCEPT

Stage 1: [Success icon]

Release-90: [Success icon]

Release-89: [Success icon]

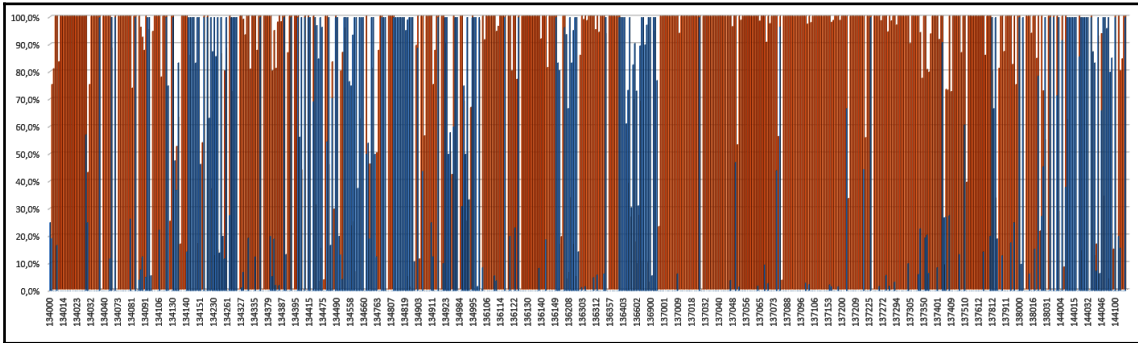
Release-88: [Success icon]

Release-87: [Success icon]

Release-86: [Success icon]

Branch: \$/dynamics_development/... Build pipeline: ACCEPT-CI

Chapter 9: Getting Business Central Standard Tests Working on Your Code



Edit - Test Tool - ALL STAND

HOME ACTIONS CRONUS International Ltd.

Expand All Collapse All Delete Delete Lines Get Test Codeunits Run Run Selected Next Error Previous Error Refresh Find

Test Tool Filter: 134261

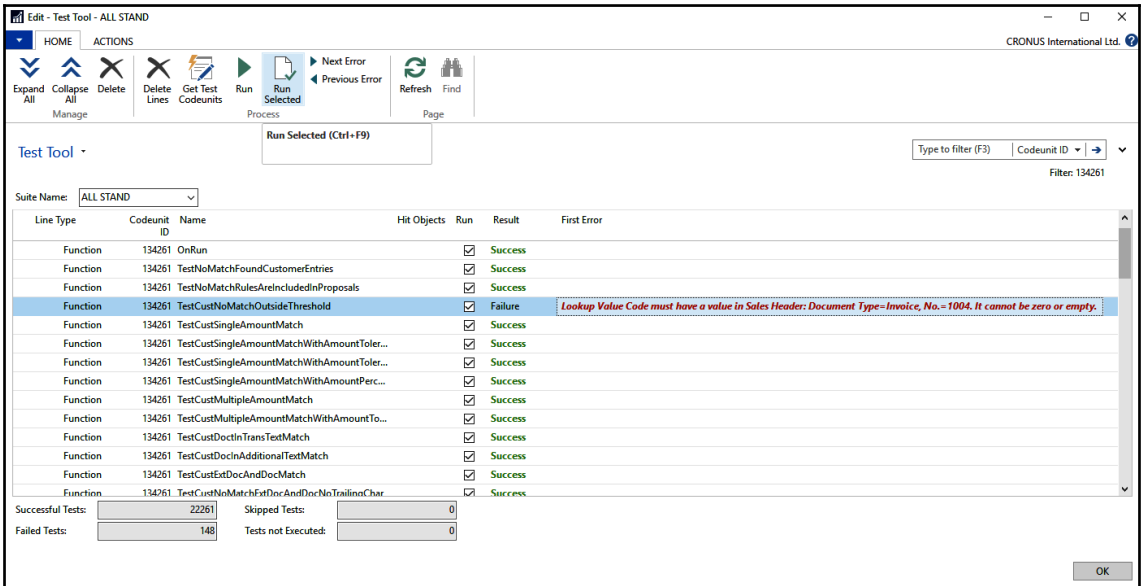
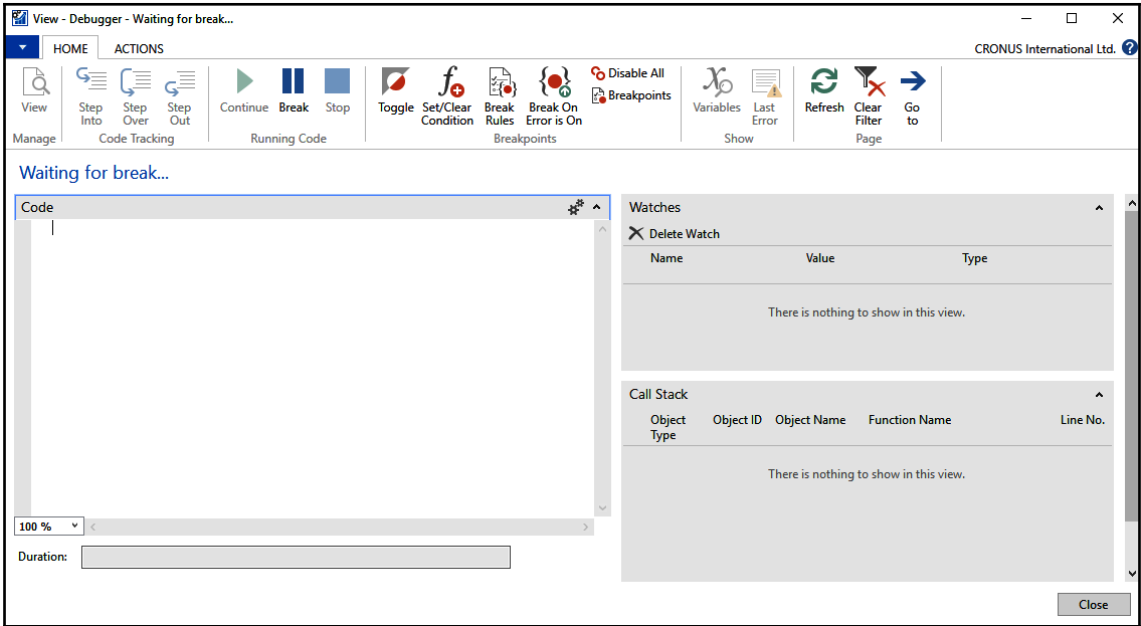
Suite Name: ALL STAND

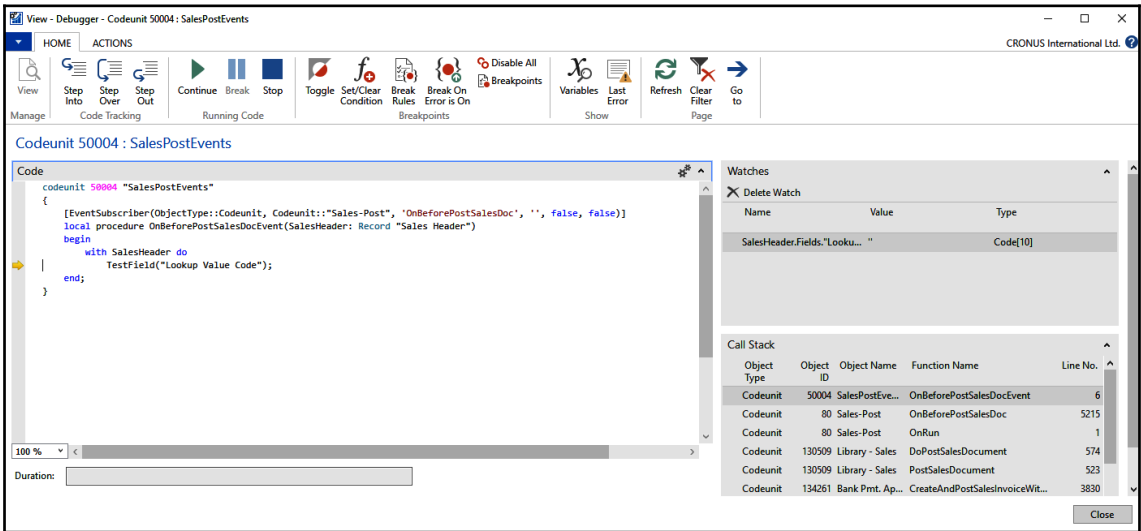
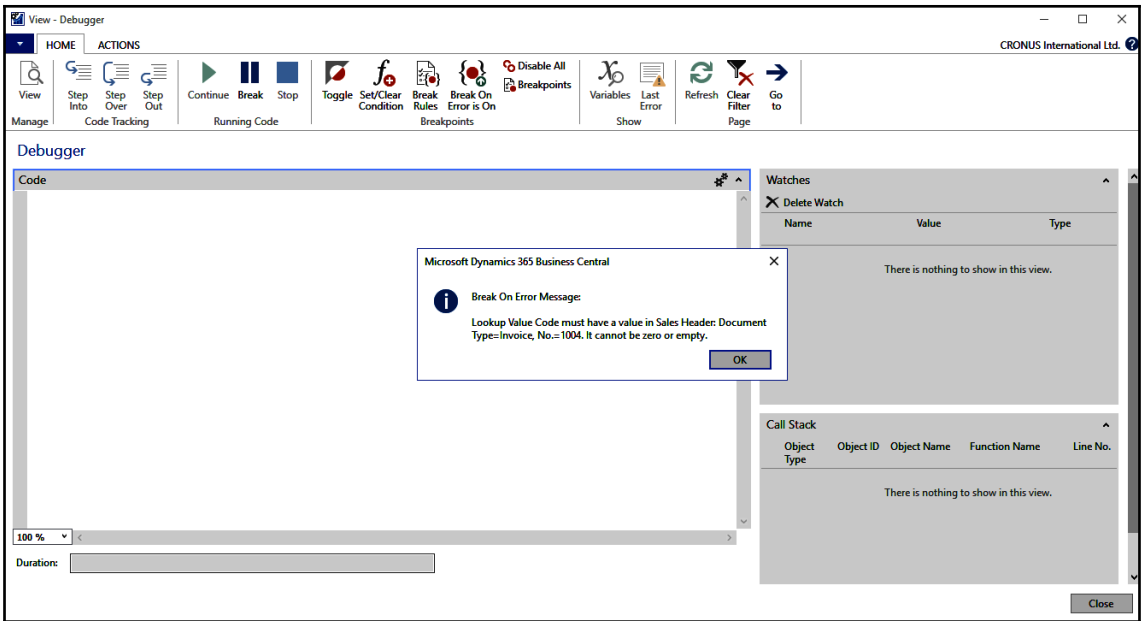
Line Type	Codeunit ID	Name	Hit Objects	Run	Result	First Error
Function	134261	OnRun		<input checked="" type="checkbox"/>	Success	
Function	134261	TestNoMatchFoundCustomerEntries		<input checked="" type="checkbox"/>	Success	
Function	134261	TestNoMatchRulesAreIncludedInProposals		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustNoMatchOutsideThreshold		<input checked="" type="checkbox"/>	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Invoice, No.=1004. It cannot be zero or empty.
Function	134261	TestCustSingleAmountMatch		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustSingleAmountMatchWithAmountToler...		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustSingleAmountMatchWithAmountToler...		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustSingleAmountMatchWithAmountPerc...		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustMultipleAmountMatch		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustMultipleAmountMatchWithAmountTo...		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustDocInTransTextMatch		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustDocInAdditionalTextMatch		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustExtDocAndDocMatch		<input checked="" type="checkbox"/>	Success	
Function	134261	TestCustNoMatchExtDocAndDocNoTrailingChar		<input checked="" type="checkbox"/>	Success	

Successful Tests: 22261 Skipped Tests: 0

Failed Tests: 148 Tests not Executed: 0

OK





View - Debugger - Codeunit 134261 : Bank Pmt. Appl. Algorithm

HOME ACTIONS

CRONUS International Ltd.

View Step Into Step Over Step Out Continue Break Stop Toggle Set/Clear Condition Break Rules Break On Error is On Breakpoints Disable All Variables Last Error Refresh Clear Filter Page Go to

Codeunit 134261 : Bank Pmt. Appl. Algorithm

```

Code
BankPmtApp1Rule."Doc. No./Ext. Doc. No. Matched"::No,BankPmtApp1Rule."Amount Incl. Tolerance Matched"::"No Matches");
VerifyReconciliation(BankPmtApp1Rule,BankAccReconciliationLine."Statement Line No.");
TestCustNoMatchOutsideThreshold()
Initialize;
// Setup
CreateCustomer(Customer);
Amount := LibraryRandom.RandDecInRange(1,1000,2);
Tolerance := ROUND(Amount / 4,0.01);
ExtDocNo := '';
CreateAndPostSalesInvoiceWithOneLine(Customer."No.",ExtDocNo,Amount + Tolerance + 0.01);
CreateBankReconciliationAmountTolerance(BankAccReconciliation,Tolerance);
CreateBankReconciliationLine(BankAccReconciliation,BankAccReconciliationLine,Amount,"");
// Exercise
RunMatch(BankAccReconciliation,TRUE);
// Verify
VerifyNoMatch(BankAccReconciliationLine."Statement Line No.");
TestCustSingleAmountMatch()
Initialize;

```

100 %

Duration:

Name	Value	Type
SalesHeader.Fields."Looku...	<Out Of Scope>	

Object Type	Object ID	Object Name	Function Name	Line No.
Codeunit	134251	Bank Pmt. Ap...	CreateAndPostSalesInvoiceWit...	3830
Codeunit	134261	Bank Pmt. Ap...	CreateAndPostSalesInvoiceWit...	3817
Codeunit	134261	Bank Pmt. Ap...	TestCustNoMatchOutsideThres...	50
Codeunit	130400	CAL Test Run...	RunTests	32
Codeunit	130400	CAL Test Run...	OnRun	4
Codeunit	130401	CAL Test Man...	RunSuite	302
Codeunit	130401	CAL Test Man...	RunSelected	280
Page	130401	CAL Test Tool	RunSelected - OnAction	113

Close

View - Debugger Variable List

HOME ACTIONS

CRONUS International Ltd.

Add Watch Show as List Show as Chart Refresh Clear Filter Find

Debugger Variable List

Type to filter (F3) Name

No filters applied

Name	Value	Type
Contact ID	{00000000-0000-0000-0000-000000000000}	GUID
Contact Graph Id	"	Text[250]
Lookup Value Code	"	Code[10]
Date Filter	"	Date
Global Dimension 1 Filter	"	Code[20]
Global Dimension 2 Filter	"	Code[20]

Close

View - Debugger - Codeunit 134261 : Bank Pmt. Appl. Algorithm

HOME ACTIONS

View Step Into Step Over Step Out Continue Break Stop Toggle Set/Clear Condition Break Rules Break On Error is On Breakpoints Disable All Variables Last Error Refresh Clear Filter Page Go to

Codeunit 134261 : Bank Pmt. Appl. Algorithm

```

Code
BankPmtApp1Rule."Doc. No./Ext. Doc. No. Matched"::No,BankPmtApp1Rule."Amount Incl. Tolerance Matched"::"No Matches");
VerifyReconciliation(BankPmtApp1Rule,BankAccReconciliationLine."Statement Line No.");
TestCustNoMatchOutsideThreshold()
Initialize;
// Setup
CreateCustomer(Customer);
Amount := LibraryRandom.RandDecInRange(1,1000,2);
Tolerance := ROUND(Amount / 4,0.01);
ExtDocNo := '';
CreateAndPostSalesInvoiceWithOneLine(Customer."No.",ExtDocNo,Amount + Tolerance + 0.01);
CreateBankReconciliationAmountTolerance(BankAccReconciliation,Tolerance);
CreateBankReconciliationLine(BankAccReconciliation,BankAccReconciliationLine,Amount,"");
// Exercise
RunMatch(BankAccReconciliation,TRUE);
// Verify
VerifyNoMatch(BankAccReconciliationLine."Statement Line No.");
TestCustSingleAmountMatch()
Initialize;

```

Name	Value	Type
SalesHeader.Fields."Looku...	<Out Of Scope>	

Object Type	Object ID	Object Name	Function Name	Line No.
Codeunit	134261	Bank Pmt. Ap...	CreateAndPostSalesInvoiceWit...	3830
Codeunit	134261	Bank Pmt. Ap...	CreateAndPostSalesInvoiceWit...	3817
Codeunit	134261	Bank Pmt. Ap...	TestCustNoMatchOutsideThres...	50
Codeunit	130400	CAL Test Run...	RunTests	32
Codeunit	130400	CAL Test Run...	OnRun	4
Codeunit	130401	CAL Test Man...	RunSuite	302
Codeunit	130401	CAL Test Man...	RunSelected	280
Page	130401	CAL Test Tool	RunSelected - OnAction	113

Duration:

Close

View - Debugger - Codeunit 134261 : Bank Pmt. Appl. Algorithm

HOME ACTIONS

View Step Into Step Over Step Out Continue Break Stop Toggle Set/Clear Condition Break Rules Break On Error is On Breakpoints Disable All Variables Last Error Refresh Clear Filter Page Go to

Codeunit 134261 : Bank Pmt. Appl. Algorithm

```

Code
RunMatch(BankAccReconciliation,FALSE);
// Verify
SetRule(BankPmtApp1Rule,BankPmtApp1Rule."Related Party Matched"::No,
BankPmtApp1Rule."Doc. No./Ext. Doc. No. Matched"::No,BankPmtApp1Rule."Amount Incl. Tolerance Matched"::"No Matches");
VerifyReconciliation(BankPmtApp1Rule,BankAccReconciliationLine."Statement Line No.");
TestCustNoMatchOutsideThreshold()
Initialize;
// Setup
CreateCustomer(Customer);
Amount := LibraryRandom.RandDecInRange(1,1000,2);
Tolerance := ROUND(Amount / 4,0.01);
ExtDocNo := '';
CreateAndPostSalesInvoiceWithOneLine(Customer."No.",ExtDocNo,Amount + Tolerance + 0.01);
CreateBankReconciliationAmountTolerance(BankAccReconciliation,Tolerance);
CreateBankReconciliationLine(BankAccReconciliation,BankAccReconciliationLine,Amount,"");
// Exercise
RunMatch(BankAccReconciliation,TRUE);
// Verify

```

Name	Value	Type
SalesHeader.Fields."Looku...	<Out Of Scope>	

Object Type	Object ID	Object Name	Function Name	Line No.
Codeunit	134261	Bank Pmt. Ap...	TestCustNoMatchOutsideThresh...	46
Codeunit	130400	CAL Test Run...	RunTests	32
Codeunit	130400	CAL Test Run...	OnRun	4
Codeunit	130401	CAL Test Man...	RunSuite	302
Codeunit	130401	CAL Test Man...	RunSelected	280
Page	130401	CAL Test Tool	RunSelected - OnAction	113

Duration:

Close

View - Debugger - Codeunit 130509 : Library - Sales

HOME ACTIONS

View Step Over Step Out Continue Break Stop Toggle Set/Clear Condition Break Rules Break On Error is On Disable All Breakpoints Variables Last Error Refresh Clear Filter Page Go to

Codeunit 130509 : Library - Sales

```

Code
CreateCustomer(VAR Customer : Record Customer)
LibraryERM.FindPaymentMethod(PaymentMethod);
LibraryERM.SetSearchGenPostingTypeSales;
LibraryERM.FindGeneralPostingSetupInvtFull(GenPostPostingSetup);
LibraryERM.FindWATPostingSetupInvt(VATPostingSetup);
LibraryUtility.UpdateSetupNoSeriesCode(
    DATABASE::"Sales & Receivables Setup",SalesReceivablesSetup.FIELDN0("Customer Nos."));

CLEAR(Customer);
Customer-INSERT(TRUE);
Customer-VALIDATE(Name,Customer.No.*); // Validating Name as No. because value is not important.
Customer-VALIDATE("Payment Method Code",PaymentMethod.Code); // Mandatory for posting in ES build
Customer-VALIDATE("Payment Terms Code",LibraryERM.FindPaymentTermsCode); // Mandatory for posting in ES build
Customer-VALIDATE("Gen. Bus. Posting Group",GeneralPostingSetup."Gen. Bus. Posting Group");
Customer-VALIDATE("WAT Bus. Posting Group",WATPostingSetup."WAT Bus. Posting Group");
Customer-VALIDATE("Customer Posting Group",FindCustomerPostingGroup);
Customer-MODIFY(TRUE);
Customer.Update_OnModify(Customer);

OnAfterCreateCustomer(Customer);

CreateCustomerWithAddress(VAR Customer : Record Customer)
CreateCustomer(Customer);
CreateCustomerAddress(Customer);

```

Name	Value	Type
SalesHeader.Fields."LookupValue"	<Out Of Scope>	

Object Type	Object ID	Object Name	Function Name	Line No.
Codeunit	130509	Library - Sales	CreateCustomer	47
Codeunit	134261	Bank Pmt. Ap...	CreateCustomer	3778
Codeunit	134261	Bank Pmt. Ap...	TestCustNoMatchOutsideThresh...	46
Codeunit	130400	CAL Test Runn...	RunTests	32
Codeunit	130400	CAL Test Runn...	OnRun	4
Codeunit	130401	CAL Test Man...	RunSuite	302
Codeunit	130401	CAL Test Man...	RunSelected	280
Page	130401	CAL Test Tool	RunSelected - OnAction	113

Duration:

Close

View - CAL Test Results

HOME ACTIONS

Delete Export Call Stack Show as List

Microsoft Dynamics 365 Business Central

50004(CodeUnit 50004).OnBeforePostSalesDocEvent line 6 - LookupValue by fluxus.nl
 "Sales-Post"(CodeUnit 80).OnBeforePostSalesDoc line 2
 "Sales-Post"(CodeUnit 80).OnRun(Trigger) line 1
 "Library - Sales"(CodeUnit 130509).DoPostSalesDocument line 46
 "Library - Sales"(CodeUnit 130509).PostSalesDocument line 1
 "Bank Pmt. Appl. Algorithm"(CodeUnit 134261).CreateAndPostSalesInvoiceWithOneLine2 line 11
 "Bank Pmt. Appl. Algorithm"(CodeUnit 134261).CreateAndPostSalesInvoiceWithOneLine line 1
 "Bank Pmt. Appl. Algorithm"(CodeUnit 134261).TestCustNoMatchOutsideThreshold line 8
 "CAL Test Runner"(CodeUnit 130400).RunTests line 25
 "CAL Test Runner"(CodeUnit 130400).OnRun(Trigger) line 4
 "CAL Test Management"(CodeUnit 130401).RunSuite line 3
 "CAL Test Management"(CodeUnit 130401).RunSelected line 27
 "CAL Test Tool"(Page 130401).RunSelected - OnAction(Trigger) line 5

OK

Test Run No.	Codeunit ID	Function Name
2652	134261	TestCustNoMatchOutsideThreshold
2659	134261	TestCustNoMatchOutsideThreshold

Test Run No.

Error Message

Lookup Value Code must have ...

Lookup Value Code must have ...

Close

Edt - Test Tool - ALL STAND

HOME ACTIONS

Expand All Collapse All Manage Delete Delete Lines Get Test Codeunits Run Run Selected Process Next Error Previous Error Refresh Find Page

Test Tool Yes Run

Suite Name: ALL STAND

Line Type	Codeunit ID	Name	Hit Objects	Run	Result	First Error
Codeunit	134450	ERM Fixed Assets Journal	273	✓	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Invoice, No.=1004. It cannot be zero or empty.
Function	134450	OnRun		✓	Success	
Function	134450	PartialDisposalOFFA		✓	Success	
Codeunit	134640	Sales EZE	332	✓	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Invoice, No.=1004. It cannot be zero or empty.
Function	134640	OnRun		✓	Success	
Function	134640	SalesFromContactToPayment		✓	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Order, No.=1001. It cannot be zero or empty.
Codeunit	136140	Service Order Release	318	✓	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Order, No.=1001. It cannot be zero or empty.
Function	136140	OnRun		✓	Success	
Function	136140	PullAndPostMixedHeadersUsingUseFilters		✓	Failure	Lookup Value Code must have a value in Sales Header: Document Type=Order, No.=1001. It cannot be zero or empty.

Successful Tests: 22255 Skipped Tests: 0
Failed Tests: 154 Tests Not Executed: 0

OK

View - Debugger - Codeunit 134450: ERM Fixed Assets Journal

HOME ACTIONS

View Step Into Step Over Step Out Continue Break Stop Toggle Set/Clear Condition Break Rules Break On Error is On Breakpoints Disable All Variables Last Error Refresh Clear Filter Go to Show Page

Codeunit 134450 : ERM Fixed Assets Journal

```

Code
FindCustomer(VAR Customer : Record Customer)
// Filter Customer so that errors are not generated due to mandatory fields.
Customer.SETFILTER("Customer Posting Group", '<>');
Customer.SETFILTER("Gen. Bus. Posting Group", '<>');
Customer.SETFILTER("Payment Terms Code", '<>');
Customer.SETRANGE(Blocked, Customer.Blocked::" ");
// For Complete Shipping Advice, partial shipments are disallowed, hence select Partial.
Customer.SETRANGE("Shipping Advice", Customer."Shipping Advice"::Partial);
Customer.FINDFIRST;

FindVendor(VAR Vendor : Record Vendor)
// Filter Vendor so that errors are not generated due to mandatory fields.
Vendor.SETFILTER("Vendor Posting Group", '<>');

```

100 % Duration: 13 seconds 101 milliseconds

Watches

Name	Value	Type
Customer	'10000'	Table Customer (18)

Call Stack

Close

Edit - Test Tool - ALL STAND

HOME ACTIONS

Expand All Collapse All Manage Delete Delete Lines Get Test Codeunits Run Run Selected Process Next Error Previous Error Refresh Find Page

Test Tool

Type to filter (F3) Line Type No filters applied

Suite Name: ALL STAND

Line Type	Codeunit ID	Name	Hit Objects	Run	Result	First Error
Codeunit	81003	LookupValue Warehouse Shipment	152	<input checked="" type="checkbox"/>	Success	
Codeunit	81004	LookupValue Sales Archive	89	<input checked="" type="checkbox"/>	Success	
Codeunit	81005	LookupValue Posting	207	<input checked="" type="checkbox"/>	Failure	Microsoft.Dynamics.Nav.Types.Exceptions.NavNCLAssertErrorException: An error was expected inside an ASSERTERROR statement
Function	81005	PostSalesOrderWithLookupValue		<input checked="" type="checkbox"/>	Success	
Function	81005	PostSalesOrderWithNoLookupValue		<input checked="" type="checkbox"/>	Failure	Microsoft.Dynamics.Nav.Types.Exceptions.NavNCLAssertErrorException: An error was expected inside an ASSERTERROR statement
Function	81005	PostWarehouseShipmentFromSalesOrderWithL...		<input checked="" type="checkbox"/>	Success	
Function	81005	PostWarehouseShipmentFromSalesOrderWith...		<input checked="" type="checkbox"/>	Failure	Microsoft.Dynamics.Nav.Types.Exceptions.NavNCLAssertErrorException: An error was expected inside an ASSERTERROR statement
Codeunit	81006	LookupValue Inheritance	142	<input checked="" type="checkbox"/>	Success	
Codeunit	81007	LookupValue Contact	49	<input checked="" type="checkbox"/>	Success	

Successful Tests: 22253 Skipped Tests: 0

Failed Tests: 156 Tests not Executed: 0

OK