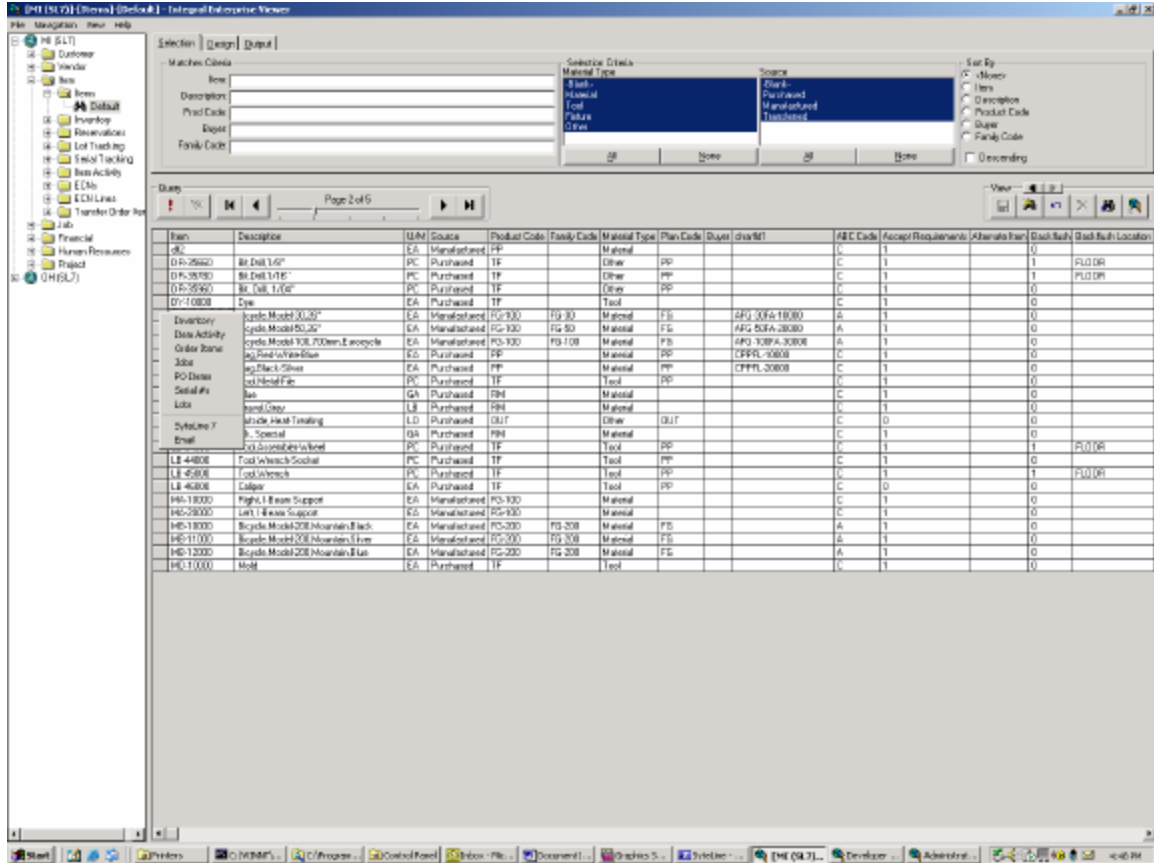


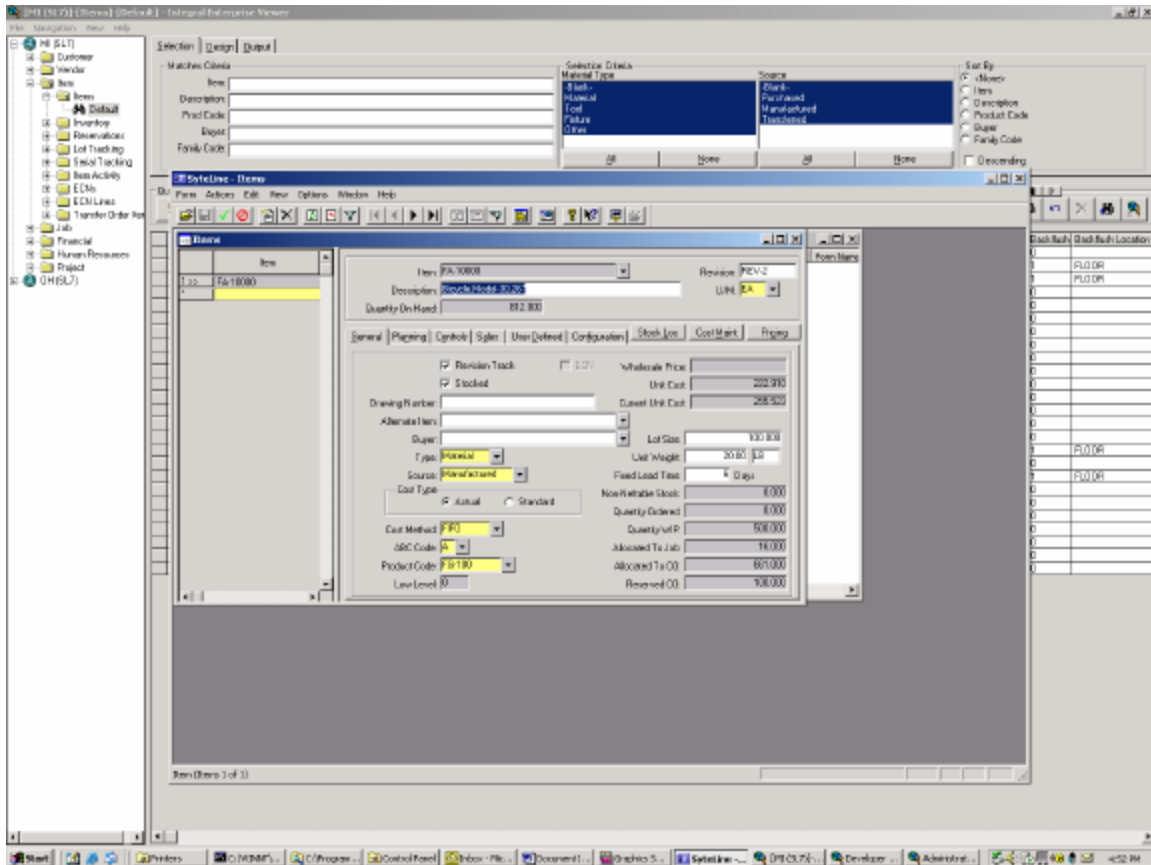
# Overview

We are running Integral, examining Item data in the Michigan site. We right click the FA-10000 item, and pull down a menu:



The first six options are drill-downs into other Integral inquiries, while the bottom two inquiries are scripts that run programs based on the current record. The "SyteLine 7" script actually invokes SyteLine 7 and calls up the Item maintenance form (If SyteLine 7 is already running, it utilized the current instance of it.).

This is what the user sees:



Note that we are positioned at the correct item from Integral. A user can perform any action within SyteLine that they are permitted to, by SyteLine security.

We can also add buttons to SyteLine 7 Forms, which invoke Integral Views. For example, when we hit the new button we added to the Items Form, "Integral – Activity":

The screenshot shows the SyteLine - Items form with the following data and settings:

Item	Revision	Description	Quantity On Hand	U/M
FA-10000	REV-2	Bicycle Model-30.26	812.000	EA

Cost and Inventory Parameters:

Parameter	Value
Wholesale Price	
Unit Cost	222.910
Current Unit Cost	255.523
Lot Size	100.000
Unit Weight	20.00 LB
Fixed Lead Time	6 Days
Non-Nettable Stock	0.000
Quantity Ordered	0.000
Quantity WIP	500.000
Allocated To Job	16.000
Allocated To CD	661.000
Reserved CD	100.000

Configuration and Costing Settings:

- Revision Track:  EDN:
- Stocked:
- Cost Method: FIFO
- ABC Code: A
- Product Code: FG-100
- Low Level: 0
- Cost Type:  Actual  Standard

It runs a script, which invokes in Integral View, “SL& Item Activity View” and filters the records based on the current record in SyteLine 7. The net result of hitting the button is that this View is displayed:

ME (SL7) [Open Activity] - SL7 Open Activity View - Integral Enterprise Server

File | Navigation | View | Help

Selection Criteria: Item: FA-1000, Date to: , Date to: , Location: , Plant Name: , When: , Trans Name: , Ref Line List:

Selection Criteria: Trans: Labor, Misc Receipt, Job, Transfer Less, Move, Labor Related, Other Related, Physical Inventory, Receipt, Shipment, Transfer, All, None, All, None

Sort By:  None,  Item,  Location,  User Initial,  Trans Data,  Where,  Descending

Query: Page 1 of 4

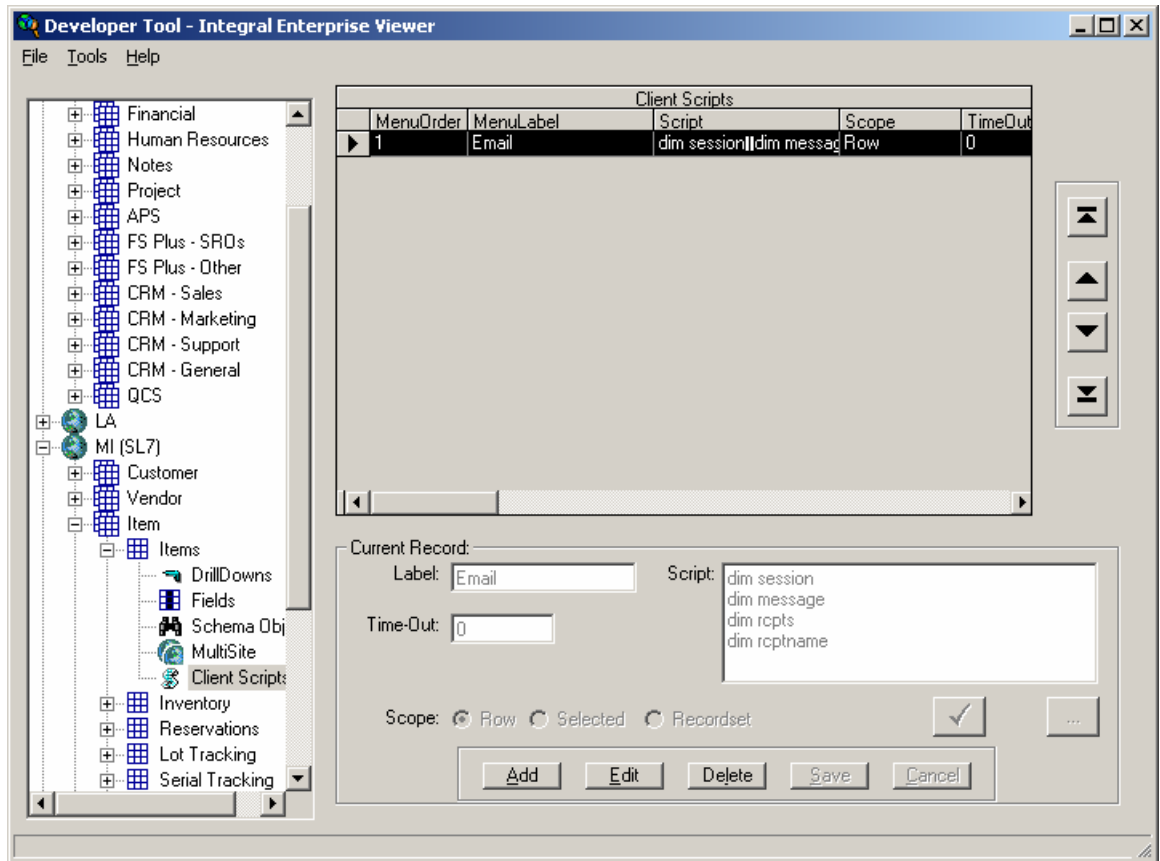
Item	From Name	From Date	Location	Qty	Trans Type	User Initial	Ref Type	Ref Name	Ref Line Seq	Qty Released	Reason Code	Amending Exp	Stock Month	Cost	Cost Code	Forecast Cost	Lib Cost
FA-1000	1	3/7/2000		10	Job Credits/Spit/Merge	MSR	Job	25	0	0	18	0	0	0		0	0
FA-1000	72	3/7/2000		0	Labor Related	MSR	Job	25	0	18	0	1	0	0		0	0
FA-1000	73	3/7/2000	20	10	Labor Related	MSR	Job	25	0	18	0	1	0	0		0	0
FA-1000	74	3/7/2000		0	Labor Related	MSR	Job	25	0	26	0	1	0	0		0	0
FA-1000	75	3/7/2000	20	10	Labor Related	MSR	Job	25	0	26	0	1	0	0		0	0
FA-1000	62	3/7/2000	FR-1	100	Misc Receipt	MSR	Inventory		0	0	MMR	0	0	295.6425	TR 47191	92.2	
FA-1000	63	3/7/2000	FR-1	80	Shipment	MSR	Customer Order	104	1	0	0	0	0	295.6425	TR 47191	92.2	
FA-1000	60	3/7/2000	40	10	Labor Related	MSR	Job	25	0	26	0	0	0	0		0	0
FA-1000	61	3/7/2000		0	Labor Related	MSR	Job	25	0	48	0	1	0	0		0	0
FA-1000	62	3/7/2000		0	Labor Related	MSR	Job	25	0	48	0	1	0	0		0	0
FA-1000	63	3/7/2000		0	Labor Related	MSR	Job	25	0	48	0	1	0	0		0	0
FA-1000	64	3/7/2000	FR-1	10	Receipt	MSR	Job	25	0	48	0	0	0	214.395		65.255	48
FA-1000	252	2/16/2001	FR-1	1	Shipment	MSR	Customer Order	105	1	0	0	0	0	295.6425	TR 47191	92.2	
FA-1000	253	2/16/2001		200	Job Credits/Spit/Merge	MSR	Job	42	0	18	0	0	0	0		0	0
FA-1000	254	2/16/2001	FR-1	2	Misc Receipt	MSR	Inventory	200000000	0	0	SMR	0	0	295.6425	TR 47191	92.2	
FA-1000	255	2/16/2001	FR-1	2	Misc Receipt	MSR	Inventory		0	0	SMR	0	0	246.9480	TR 47191	49.0	
FA-1000	522	2/16/2001	40	200	Labor Related	MSR	Job	42	0	26	0	0	0	0		0	0
FA-1000	523	2/16/2001	20	200	Labor Related	MSR	Job	42	0	26	0	0	0	0		0	0
FA-1000	524	2/16/2001		0	Labor Related	MSR	Job	42	0	18	0	1	0	0		0	0
FA-1000	525	2/16/2001	20	200	Labor Related	MSR	Job	42	0	18	0	1	0	0		0	0
FA-1000	526	2/16/2001		0	Labor Related	MSR	Job	42	0	26	0	1	0	0		0	0
FA-1000	527	2/16/2001		0	Labor Related	MSR	Job	42	0	26	0	1	0	0		0	0
FA-1000	528	2/16/2001		0	Labor Related	MSR	Job	42	0	48	0	0	0	0		0	0
FA-1000	529	2/16/2001		0	Labor Related	MSR	Job	42	0	48	0	1	0	0		0	0
FA-1000	530	2/16/2001		0	Labor Related	MSR	Job	42	0	48	0	1	0	0		0	0
FA-1000	531	2/16/2001		0	Labor Related	MSR	Job	42	0	48	0	1	0	0		0	0
FA-1000	532	2/16/2001		0	Labor Related	MSR	Job	42	0	48	0	1	0	0		0	0

This just scratches the surface of what is possible today with Integral.

## How To Set Up

To put SyteLine 7 on the Integral right-click menu, it's a simple matter of assigning a "client script" (vb script) to this inquiry and assigning security.

1. Run the Integral Developer Tool, find the Inquiry you want to add the script to and click on the "Client Scripts" collection:

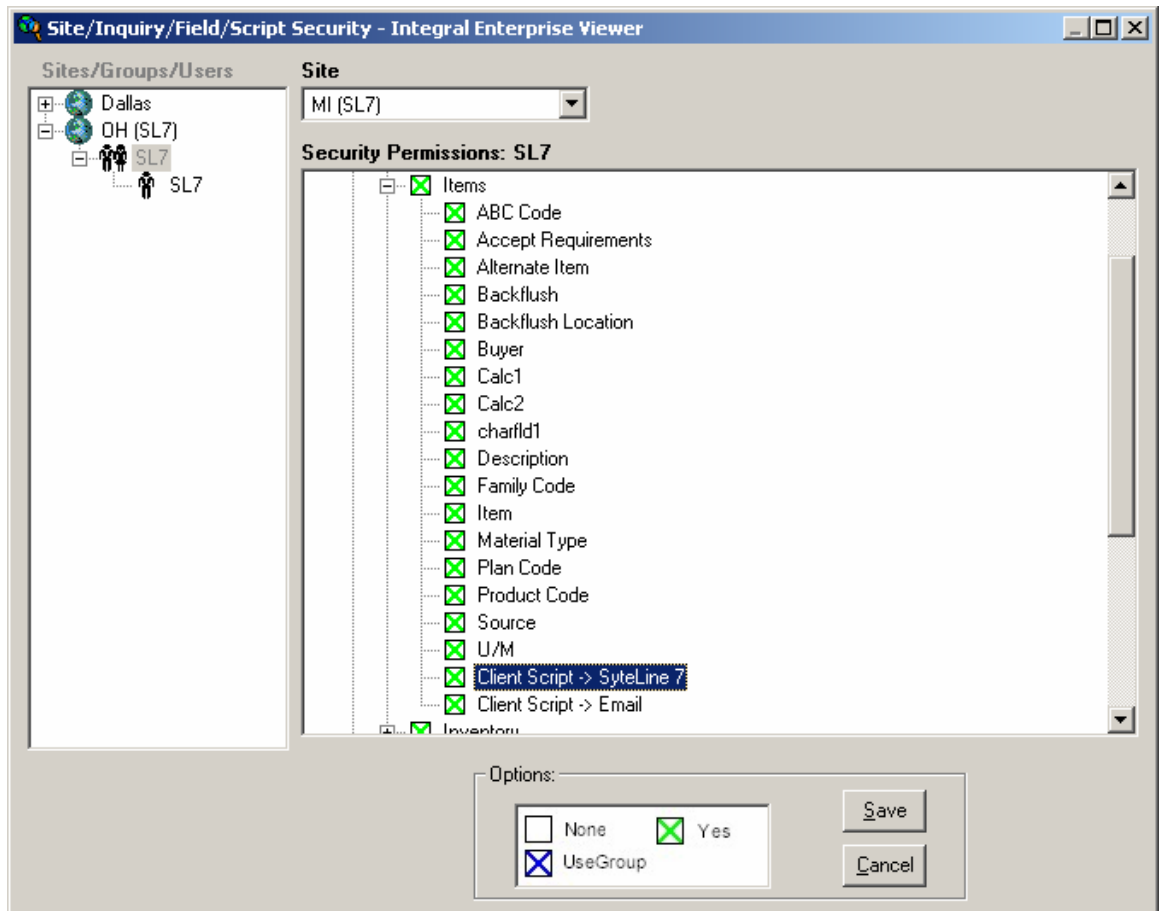


2. Click the Add button, assign a label for the script (e.g., "SyteLine 7") and keep the time-out at 0 (no time-out) and the scope at "Row".
3. Next, click on the "..." button in order to get a full-screen view of the script editor window.

- Now, add the following lines of script, replacing the references to "Item" with whatever your target SyteLine edit screen is:

```
Dim FM
Dim Form
Dim FComp
dim delay
dim tme
delay = 8 ' in seconds
Set FM = CreateObject("FormsMan.Application")
Set Form = FM.RunForm("Items")
tme = timer
do until timer > tme + delay: Loop
Set FComp = Form.Components("ItemEdit")
FComp.Text = trim(rsData("Item"))
Form.GenerateEvent ("StdFormFilterInPlaceExecute")
```

- Save all change, and switch to the Integral Administrator tool.
- Assign security to the new script:



- You're done!

## Create a Forms Button that launches Integral

To create a button in SyteLine 7 that launches Integral, you simply create a button in SyteLine with it's own script to initiate Integral.

1. First, create a view in Integral (with a unique view name) that will display the information that you want to display. Copying one of the Default views is fine.
2. Next, launch SyteLine and navigate to the maintenance screen where you want to add a button.
3. Go into Edit mode by clicking on the Edit icon at the top of the form.
4. From the menu bar, click Edit -> Component -> New -> Button and click somewhere on the form where there is some free real-estate.
5. In the dialog that appears, give the new button a name and a Caption:

The screenshot shows the 'Form Component Properties--IntegralItemActivity' dialog box. The 'General' tab is selected. The 'Name' field contains 'IntegralItemActivity'. The 'Type' dropdown is set to 'PushButton'. The 'Caption' dropdown is set to 'Item Activity'. There are checkboxes for 'Read-Only/Disabled' and 'Hidden', both of which are unchecked. The 'Component Class' section has a 'Derive From' dropdown and a 'Parameters' field. Below this is a button labeled 'Set Class from This Component's Attributes'. The 'Attributes Inherited from Bound Property' section contains two buttons: 'View Attributes Inherited from Property' and 'Edit Property Class Extension for Property Class'. The 'Help' section has a 'Tool Tip' field and a 'Help Source...' button. At the bottom of the dialog are 'OK', 'Cancel', and 'Help' buttons.

6. On the “Behavior” tab, under “Events to Generate”, click on the “Primary” button.
7. On the following dialog, click the “New” button.
8. On the following dialog, give the script a name, and choose “Inline Script”:

The image shows a dialog box titled "Event Handler Properties" with a close button (X) in the top right corner. The dialog has a "Primary" tab selected. It is divided into two main sections: "Event to Handle" and "Response".

In the "Event to Handle" section, there is a label "Event:" followed by a dropdown menu showing "IntegralItemActivity". Below this is a "Description:" label followed by an empty text box. Underneath is a "Sequence:" label followed by a text box containing the number "0".

In the "Response" section, there is a label "Type:" followed by a dropdown menu showing "Inline Script". Below this is a "Parms:" label followed by an empty text box.

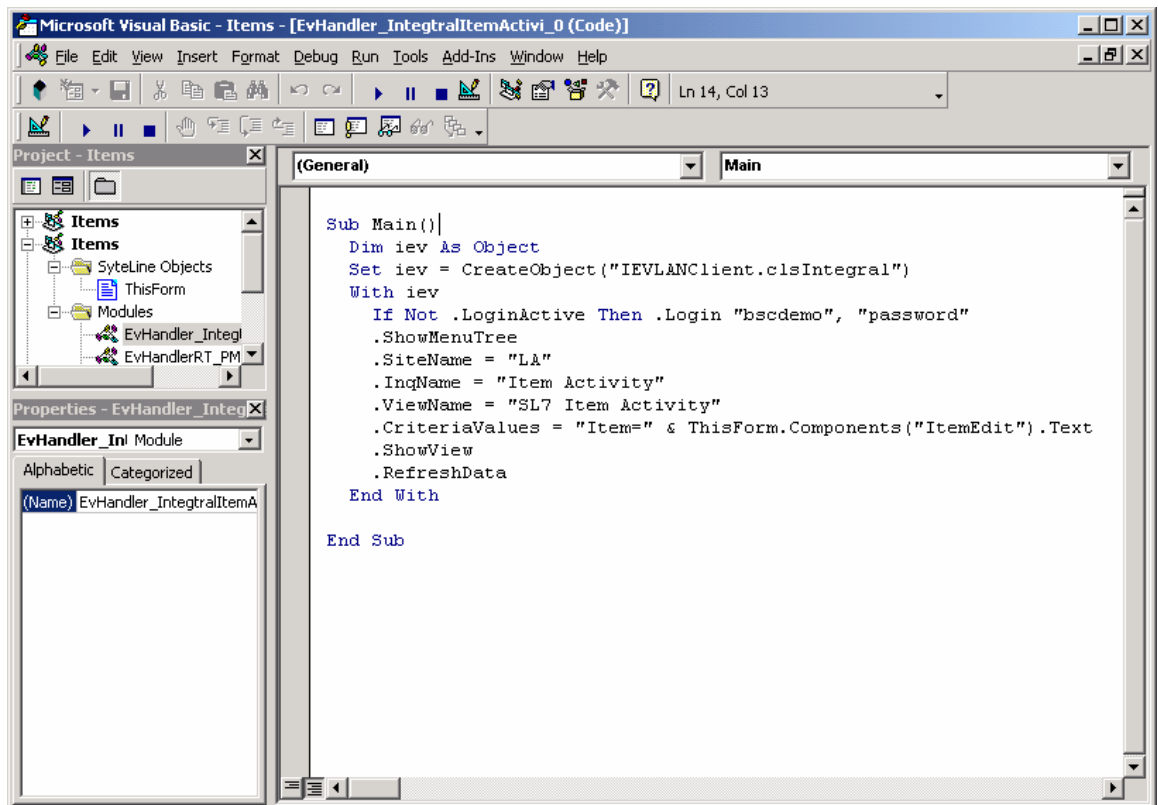
At the bottom of the dialog, there is a button labeled "Edit Inline Script". At the very bottom of the dialog are three buttons: "OK", "Cancel", and "Help".

9. Click the “Edit Inline Script” button, and add the following code to the VBA window that appears. Replace references to the Item Activity View with the name of your newly created view, and replace the Item field name with another Integral criteria field of your choice:

```

Sub Main()
    Dim iev As Object
    Set iev = CreateObject("IEVLANClient.clsIntegral")
    With iev
        If Not .LoginActive Then .Login "bscdemo", "password"
        .ShowMenuTree
        .SiteName = "LA"
        .InqName = "Item Activity"
        .ViewName = "SL7 Item Activity"
        .CriteriaValues = "Item=" &
ThisForm.Components("ItemEdit").Text
        .ShowView
        .RefreshData
    End With
End Sub

```

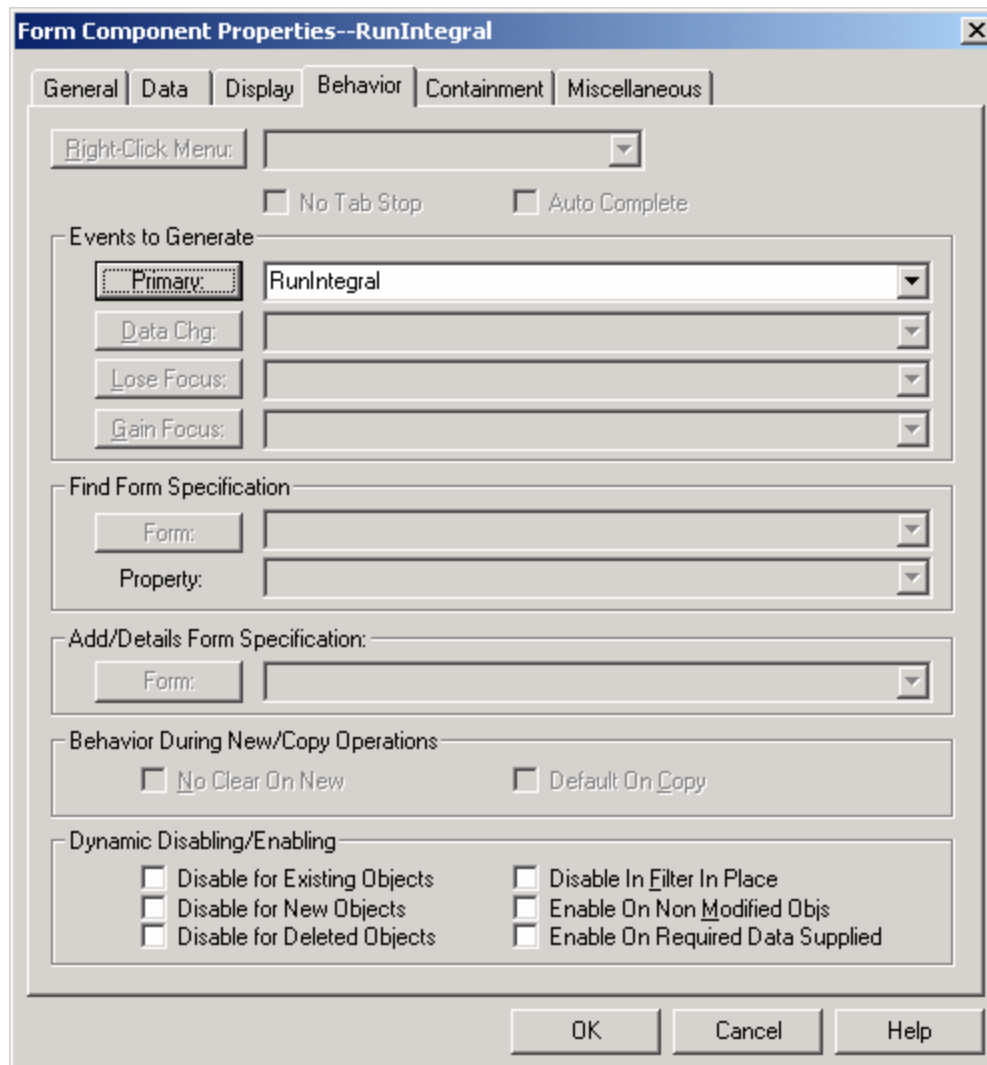


10. On the "File" menu, select "Close and return to SyteLine".
11. Click OK on all dialogs until you get back to the SyteLine form.
12. Click on the green checkmark button to save and close the form.
13. That's it!

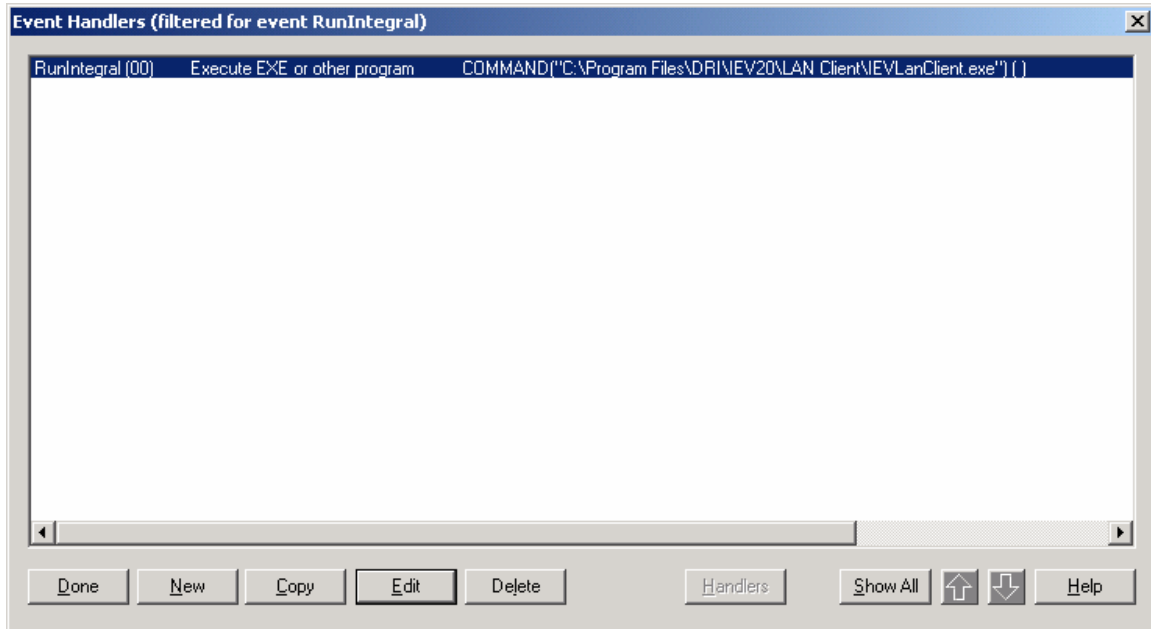
## Adding a Tool Bar Button to Launch Integral from the Customer Master

You can also create a toolbar button in SyteLine 7 that launches Integral. This is a very easy way to launch the LAN version of Integral or the Web version without having to go back out to your Desktop or Explorer to navigate to either one of these programs.

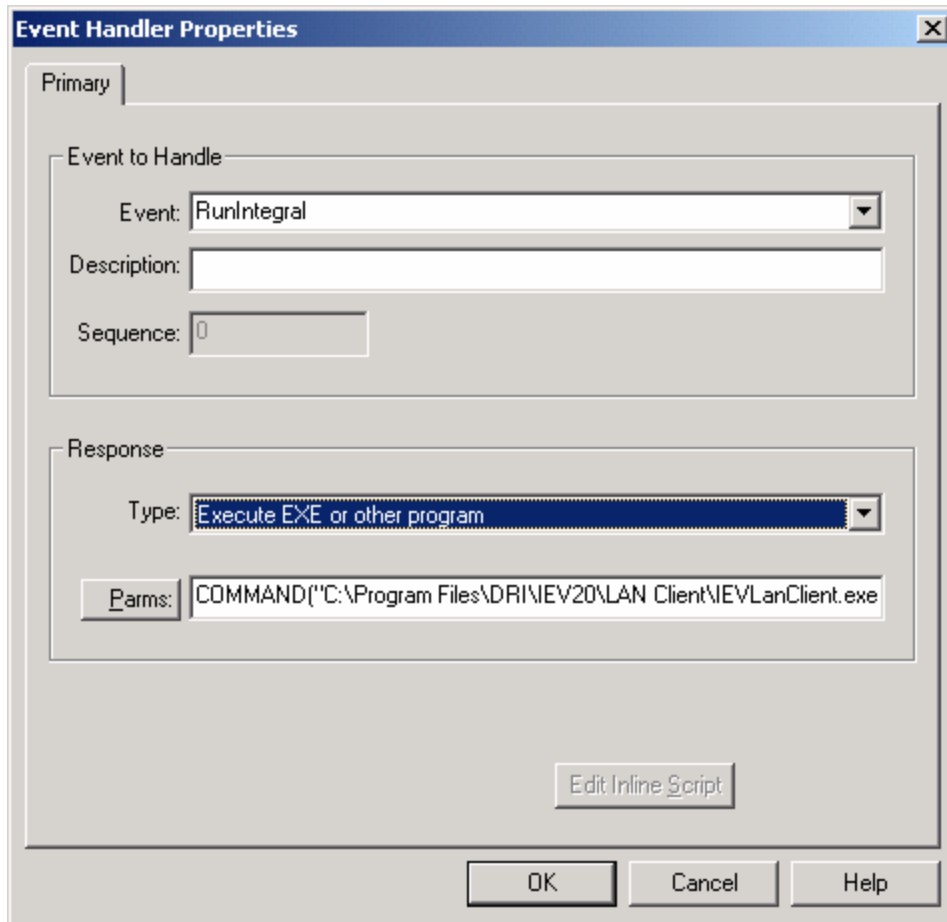
1. Pull up the Customer Master form.
2. Go into Edit Mode.
3. Choose Edit/Component/New/Tool Bar Button
4. At the Form Component Properties Box give the new tool bar button a name like RunIntegral.
5. Go to the Behavior Tab on the Form Component Properties Box and type in RunIntegral next to the Primary tab on this screen (see bottom screen shot)



The screenshot shows the 'Form Component Properties--RunIntegral' dialog box with the 'Behavior' tab selected. The 'Events to Generate' section is expanded, showing the 'Primary' event set to 'RunIntegral'. Other events like 'Data Chg', 'Lose Focus', and 'Gain Focus' are currently empty. The 'Find Form Specification' and 'Add/Details Form Specification' sections are also empty. The 'Behavior During New/Copy Operations' section has 'No Clear On New' and 'Default On Copy' checked. The 'Dynamic Disabling/Enabling' section has several options checked, including 'Disable for Existing Objects', 'Disable for New Objects', 'Disable for Deleted Objects', 'Disable In Filter In Place', 'Enable On Non Modified Objs', and 'Enable On Required Data Supplied'. The 'OK', 'Cancel', and 'Help' buttons are visible at the bottom.



6. Click on the Primary tab. You will now have the Event Handler screen available. You will need to create a new Event Handler by clicking on the New button on this screen.
7. The Event should be labeled RunIntegral on this screen.
8. Choose Execute EXE or other program from the drop down list under the Type field.



9. Click on the Params button and then the Type Specific Parameters button and paste the following executable: "C:\Program Files\DRIVEV20\LAN Client\IEVLanClient.exe" or the path directory where the LAN version of Integral is installed. Keeping clicking Done or Cancel until you are back to the Form Component Properties Box.
10. To add an icon to your new tool bar button, go to the Display tab on the Form Component Properties Box. Next, either type the directory path where you have your Integral bitmap stored or click on the Browse button to navigate to find the bitmap image.
11. To make sure that the tool bar button will function properly, go to Edit/Component/Edit from the Tool bar on top of the form. Navigate until you find your new Integral Tool Bar Button and move it up on the screen until it is grouped with the other tool bar buttons. Change the tab order to 999 by double clicking and typing in 999.
12. Exit Edit Mode. I have found that you get an error message when you try and save the change but did not find that to be the case by just exiting Edit Mode.

13. Click on your new tool bar button and Integral should launch with no problems.

