

# Espresso Scripts

SYSPRO 8

Reference Guide

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# Espresso Scripts

## Exploring

### Where it fits in?

The **Espresso Application Builder** program includes a script editor that lets you add scripting to an Espresso component. This allows you to build additional business logic into Espresso.

Things you can do in this program includes:

- Execute a workflow when a sales order is created.
- Change the color of an account balance when it reaches a certain amount.
- Prevent an operator from adding a sales order line against a specific warehouse.

A script can be added against a component (when the component is loaded or refreshed) or against a particular field on the component (when it gains focus, or after it is changed).



The events available are dependent on the application you are maintaining.

# Solving

## FAQs

### How do I disallow the saving of cost modifications for a warehouse?

The following scenario outlines how to disable saving cost modification on Warehouse FG.

1. Open the **Espresso Application Builder** program.
2. Expand the **Standard** folder in the **Applications** pane.
3. Navigate to and select the **Cost Modifications** application.
4. Select to **Copy** the application.
5. Specify the **Target application level** required.
6. Select **Save and Exit**.  
A new entry/folder is created depending on the Target application level specified.
7. Expand the folder and select the copied **Cost Modifications** application.
8. Select the **Entry Form Component type (Description: Cost Modifications)**.
9. Select the **Edit Script** option.
10. Ensure that the **Event** field is set to **Before save**.
11. Enter the following code in the Script editor:

```
if (GetDataBoundField('Warehouse') === 'FG')
{
  ShowGlobalWarning('You cannot modify costs on stock in
  Finished Goods warehouse'); cancelSaveEvent();
}
```

12. **Save** and **Close** the script.
13. Login to SYSPRO Espresso to see the results:
  - a. Select **Cost Modifications**.

- b. Enter the FG warehouse in the **Warehouse code** field.
- c. Select **Save Lines**.

## How do I track the location of UserField3 using an Activity Entry Form?

1. Open the **Espresso Application Builder** program.
2. Expand the **Standard** folder in the **Applications** pane.
3. Navigate to and select the **Activity Entry** application.
4. Select to **Copy** the application.
5. Specify the **Target application level** required.
6. Select **Save and Exit**.  
A new entry/folder is created, depending on the **Target application level** specified.
7. Expand the folder and select the copied **Activity Entry** application.
8. Select the **Entry Form Component type (Description: Activity Maintenance)**.
9. Select the **Edit Script** option.
10. Ensure that the **Event** field is set to **On refresh**.
11. Enter the following code in the Script editor:
 

```
GetDeviceLocation(function (data)
{
SetDataBoundField('UserField3', data.Latitude + ',' +
data.Longitude);
});
```
12. **Save and Close** the script.
13. Login to **SYSPRO Espresso** and select **New Activity** to see the results.



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