

# STOTRACE & Workflow Debug

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Sage



# Agenda

- Introduction to STOTRACE Parameter and the Workflow debug mode.
- Example
- Demonstration

# Introduction

- **STOTRACE:** A parameter setup to debug the stock movement and also manufacturing transactions, MRP and the like.
- **Workflow debug mode :** A checkbox in workflow rule to produce a detailed log file when investigating the issues.

Both tools will produce a detailed log file that will give you a lot more details of the error than a standard error message.

# STOTRACE

**STOTRACE:** Use this parameter to choose the level of detail for the log file generated following the stock movements:

Can be setup at

- Folder level within Parameter values (**ADPVAL**)
  - **STO > MIS > STOTRACE**
- User level within Parameter > User setup (**GESAUS**)

### Parameter values ?

Module:  Legislation:  Company:  Site:

Stocks

Group:

Miscellaneous

|    | Parameter | Description                    | Value                          |
|----|-----------|--------------------------------|--------------------------------|
| 12 | STODISSCO | Sub-contractor stock           | No                             |
| 13 | STOTRACE  | Stock update trace level       | Detailed trace (table updates) |
| 14 | STOTRK    | Traceability                   | Yes                            |
| 15 | WIPSTOLCK | Blocked qties in process of pu | Yes                            |
| 16 |           |                                |                                |

### User parameters ?

All > Parameters > Users

User code:

System Admini...

Module:  Group:

Stocks Miscellaneous

|   | Parameter | Description              | Value                          |
|---|-----------|--------------------------|--------------------------------|
| 1 | STOADMIN  | Stock Administrator      | Yes                            |
| 2 | STOTRACE  | Stock update trace level | Detailed trace (table updates) |
| 3 |           |                          |                                |

# STOTRACE

The possible values are:

- **No log:** no log generation.
- **Standard log:** log of the document number created.
- **Detailed log (tables):** log of the tables updated.
- **Detailed log (fields):** log showing the fields updated.

**NOTE:** Make sure you logout and log back in again when you change this parameter.

Following examples will help to understand how the log file will look if different values are being used in the parameter.

# Example

Misc receipt Log file with: **Detailed log (tables):**

```
18/10/22 17:35:55 (ADMIN) Update Stock
: ##### Line Miscellaneous receipt : MRCGB0120006 / 1000 #####
: ----- 18/10/2022 17:35:56 Creation Stock Receipt Line : 1 -----
: GB012 10992 EMS116 LO2210GB0120001 00001 Save STOCK Created!
: GB012 2 EMS116 18/10/2022 999999999 0 Save STOJOU Created!
: GB012 2 EMS116 18/10/2022 999999999 0 Save STOJOUVAL Created!
: Lot EMS116 LO2210GB0120001 00001 Created!
: Lot/Site EMS116 LO2210GB0120001 00001 GB012 Created!
: BMS116 LO2210GB0120001 00001 Save STOLOTFCY Modified!
: BMS116 GB012 Save ITMWT Modified!
: BMS116 GB012 Save ITMWT Created!
: BMS116 GB012 Save ITMWT Modified!
: ##### 18/10/2022 17:36:02 End #####
:
: Normal end of log file 18/10/22 17:36:11
```

# Example

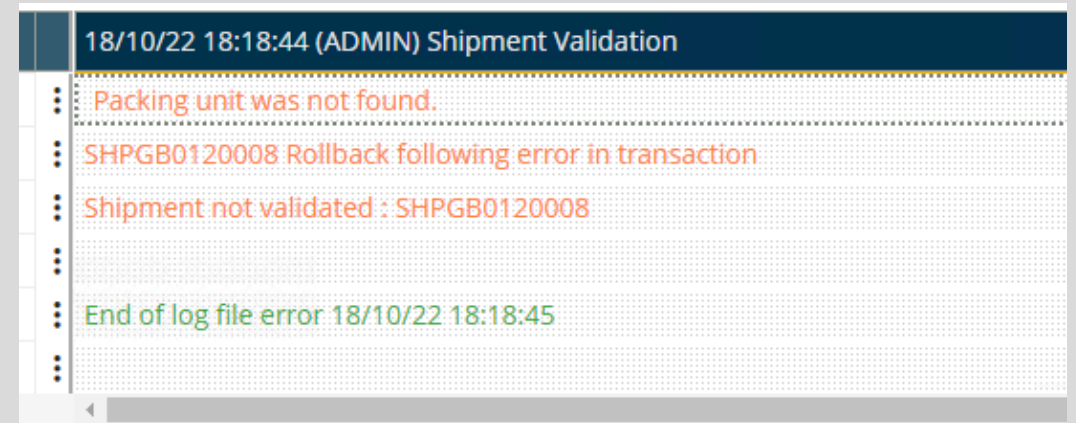
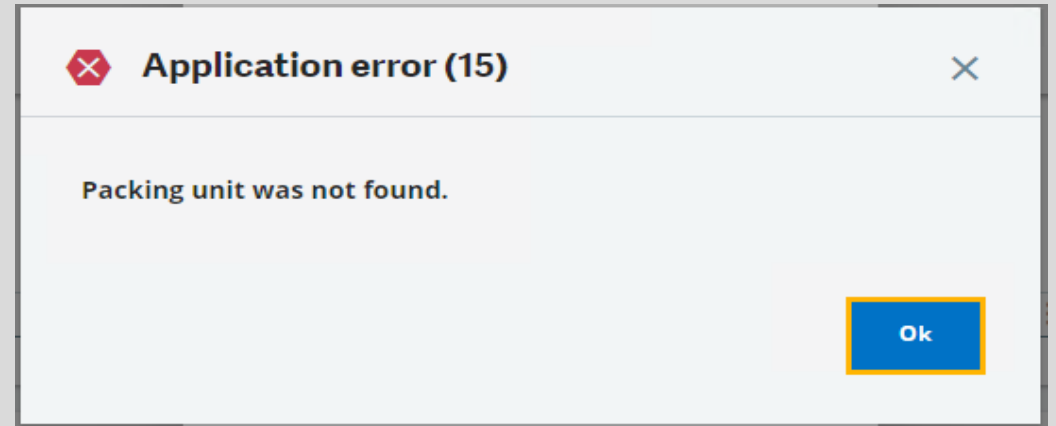
Misc receipt Log file with: **Detailed log (fields)**

```
18/10/22 17:41:09 (ADMIN) Update Stock
: ##### Line Miscellaneous receipt : MRCGB0120007 / 1000 #####
: ----- 18/10/2022 17:41:09 Creation Stock Receipt Line : 1 -----
: [F:STO]STOFCY : = GB012
: [F:STO]STOCOUC : = 10993
: [F:STO]ITMREF : = BMS116
: [F:STO]LOT : = L02210GB0120002
: [F:STO]SLO : = 00001
: [F:STO]BPSLOT : =
: [F:STO]STA : = A
: [F:STO]LOC : = SHI01
: [F:STO]LOCTYP : = SHI
: [F:STO]LOCCAT : = 1
: [F:STO]SERNUM : =
: [F:STO]PALNUM : =
: [F:STO]CTRNUM : =
: [F:STO]LPNUM : =
: [F:STO]PCU : = UN
```

# Capturing Error: Shipment Validation

On a multiline shipment we are getting below error at the time of validation:

Imagine a 500 lines document?





# Capturing Error:

With STOTRACE (With Field) active:

| 18/10/22 17:58:32 (ADMIN) Shipment Validation |   |
|---|---|
| 826   | : GB012 2 BMS116 18/10/2022 99999997 0 Save STOJOURNAL Created! |
| 827   | : ----- 18/10/2022 17:58:35 Creation Stock Issue Line : 2 ----- |
| 828   | : Packing unit was not found.                                   |
| 829   | : ***** 18/10/2022 17:58:36 End *****                           |
| 830   | : SHPGB0120008 Rollback following error in transaction          |
| 831   | : Shipment not validated : SHPGB0120008                         |
| 832   | :   |
| 833   | : End of log file error 18/10/22 17:58:36                       |
| 834   | :   |

# MRP Processing Log File

:. Q

1000 Results |

| 14/11/22 15:50:41 (ADMIN) Material Requirements Planning Page 1/2 |   |
|---|---|
| 508   | : TRI_ORD Write CBD Itm=BMS062 WipTyp=2 14/11/2022 09/09/2022 09/09/2022 WIPGB0121409000261                           |
| 509   | : TRI_ORD Write CBD Itm=BMS062 WipTyp=2 14/11/2022 01/10/2022 01/10/2022 WIPGB0121410000273                           |
| 510   | : TRI_ORD Write CBD Itm=BMS062 WipTyp=2 14/11/2022 11/11/2022 11/11/2022 WIPGB0121411000263                           |
| 511   | : TRI_ORD Write CBD Itm=BMS062 WipTyp=2 23/12/2022 25/12/2022 25/12/2022 WIPGB0121412000275                           |
| 512   | : GB012 MRP Phases 4  |
| 513   | : UPD_RESS Rewrite CBD: FIN001 26/06/2022 27/06/2022 WIPGB0121606000639 5   |
| 514   | : UPD_RESS Rewrite CBD: FIN001 24/10/2022 24/10/2022 WIPGB0121710000830 5   |
| 515   | : CRE_UNE_SUG CBD1 with ECC Itm=FIN901 WipTyp=5 1800 14/11/2022 14/11/2022 17/11/2022 SUGGB0120468620 ECCVAL= 40      |
| 516   | : CRE_UNE_SUG CBD1 with ECC Itm=FIN901 WipTyp=5 1800 14/11/2022 14/11/2022 17/11/2022 SUGGB0120468621 ECCVAL= 40      |
| 517   | : FIN901 Route without version alt=40   |
| 518   | : ## Jalonne : [M:JALK]ROUNUM=FIN901 [M:JALK]MFGNUM= [M:JALK]STRDAT=17/11/2022 [M:JALK]ENDDAT=17/11/2022 [M:JALK]TRTD |
| 519   | : AT=14/11/2022 [M:JALK]ROUDAT=00/00/0000   |
| 520   | : TRI_JAL Rewrite CBD: FIN901 5 SUGGB0120468621   |
| 521   | : Date CRN 14/11/2022 <=> 17/11/2022  |

# Time for a demo



# Workflow Debug Mode

It is a checkbox within the workflow rule:

The screenshot shows the 'Workflow rules' configuration page. The 'Code' field is set to 'PSDSIG' and the 'Description' is 'Signature - Request line'. The 'Category' is 'PUR' (Purchasing) and the rule is 'Active'. Below this is a table of conditions:

|   | Type   | Conditions                                     |
|---|--------|--|
| 1 | Header | GABREV="PSH"                                   |
| 2 | Header | func AFNC.PARAM("APPPSH",[F:PSH]PSHFCY)<"1"    |
| 3 | Header | func AFNC.PARAM("PSHAPPHEA",[F:PSH]PSHFCY)<"2" |
| 4 | Line   | [F:PSD]LINAPPFLG=0                             |
| 5 | Line   | [F:PSD]LINCLEFLG=1                             |

In the 'Controls' section, the 'Debug mode' checkbox is highlighted with an orange box. Other checked options include 'Trigger mail', 'Trigger action', and 'Trigger tracking'.

# Example 1

| Chronological | Date       | Sender | Recipient | Event type | Text following                               | Signatory | Delegate | Signed  | LT         |
|---------------|------------|--------|-----------|------------|--|-----------|----------|---------|------------|
| 2200026065    | 14/11/2022 | ADMIN  | USR01     | Object     | Purchase order no.: POGB0120053 to be signed |           | Yes      | To sign | 16/11/2022 |

All > Parameters > Workflow

↑ ↓ ↕ Rule values

Assignment rules \*    Company    Description

→ PSDSIG    → GB10    Request line signatures     Formula/User

GB Discrete

Default User

| User code | Surname |
|-----------|---------|
| 1         |         |
| 2         |         |
| 3         |         |
| 4         |         |

Values

| Group 1 | Maximum value | Budget exceeded | User 1 | User 2 |
|---------|---------------|-----------------|--------|--------|
| 10      | 10 000.00     | No              | USR04  | ERP    |
|         |               |                 |        |        |

| 14/11/22 14:15:57 (ADMIN) Workflow rule processing POHSIG Object |   |
|--|---|
| 1  | Reference table PORDER : Key = POGB0120053  |
| 2  | Assignment rule POHSIG                      |
| 3  | Users determined by the rule POHSIG : USR04 |
| 4  | Group sequence number counter 2200000445    |
| 5  | Chronological number 2200026065             |
| 6  | * Grouping PORDER, Key POGB0120053          |
| 7  | Mail transmission                           |
| 8  | - admin@sagex3.local "USR01"                |
| 9  | Approval request signature                  |
| 10   | - USR01 (With signature)                    |
| 11   | Action execution DIVPOHAPP1 (Workflow end)  |

# Example 2

All > Purchasing > Orders

↑ ↓ ⇅ Purchase order ALL : Full entry Close order Revision Management

Controls Lines Total Cost

Purchasing Site \* GB012  Inter-site  Inter-company Order POGB0120055 Revision Number Order Date \* 06/10/21 Supplier \* GB013

GB Bike Kraft Electronics

Design Ex Works (std)

Payment Terms \* CH30NET Settlement Discount Buyer ADMIN Buyer System Administrator

Currency GBP Rate type \* Daily rate

Cheque 30 days date of Invoice

Status

Signed  Printed  Closed  Received

Invoiced

Analysis

|   | Dimension type | Description | Dimension |
|---|----------------|-------------|-----------|
| 1 | CCT            | Cost Centre | ADMIN     |
| 2 | PRJ            | Project     |           |
| 3 | PRO            | Product     |           |
| 4 | MAR            | Market      |           |
| 5 |                |             |           |

| 14/11/22 14:21:45 (ADMIN) Workflow rule processing POHSIG Object |   |
|--|---|
| 1  | Reference table PORDER : Key = POGB0120054  |
| 2  | Assignment rule POHSIG                      |
| 3  | Users determined by the rule POHSIG : USR04 |
| 4  | [F:POH]APPFLG=1                             |
| 5  | Header condition not met                    |
| 6  |   |
| 7  | Normal end of log file 14/11/22 14:21:45    |
| 8  |   |

# Time for a demo



**ANY QUESTIONS?**



# Thank you!



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