

Customizing Requirement for Batch History Functionality



Applies to:

Batch History functionality (ECC 6.0 EhP4 release)

For more information, visit the [Manufacturing homepage](#).

Summary

This article provides a guide on how to configure working examples related to Batch Related Object (BRO) types (SAP and non SAP systems) to display the history details of the batch.

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Caution

All information included in this documentation is working examples only to configure batch related object types.

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Introduction

Today's manufacturing situation:

Customers store the batch related information:

- In different SAP ERP systems.

Example: In one SAP ERP system the batch is produced and delivered to another SAP ERP system. Here the packaging takes place and also the delivery to the customer.

- In SAP ERP systems and non SAP systems with different levels of granularity.

Example: Higher data granularity in the ERP systems, such as, the batch characteristics relevant for the batch determination in the ERP processes and detailed data granularity in LIMS or MES systems like the process parameters like temperature for producing a batch.

Problem:

To get the complete history data for a batch with all details it is necessary to go in different systems, reports and transactions.

There is a high probability of fault when considering all relevant objects and transactions in the different systems or single SAP ERP system.

From Good Manufacturing Practice guidelines it is important for customers to trace the history of manufacture of each batch. The Batch History functionality in EhP4 release delivers to trace the history of batch maintained in different SAP ERP and non SAP systems. The Batch History functionality is enhancement to the existing Batch Information Cockpit feature.

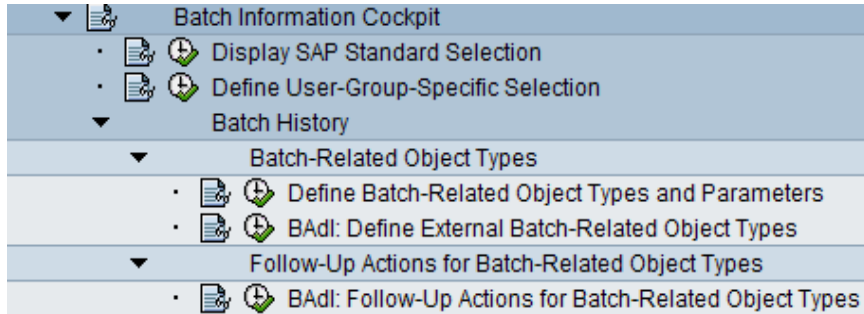
This article provides the customizing requirements to configure Batch Related Object (BRO) types from both SAP and non SAP systems in order to display the history details of the batch. This article provides working examples to define SAP related BRO types

Batch History Structure in Customizing

A new structure node “Batch History” is added to the existing Batch Information Cockpit structure in IMG activity “Logistics – General -> Batch Management -> Batch Information Cockpit” as shown below.

In the Batch History structure node we will have two sub-nodes:

- Batch-Related Object Types
- Follow-Up Actions for Batch-Related Object Types



Define User Group Specific Selection

Administrator can create new User group with Batch History view or change the existing user group to include batch history view

Logistics – General -> Batch Management -> Batch Information Cockpit -> Define User-Group-Specific Selection

Under define user group selection; you will have to maintain a user group with text (say QUAL_INSPEC as shown below)

Change View "User groups": Overview

Simulate User Group Simulate SAP Standard

User group	Text	Standard Group	Maximum Number	Plant-Based Sel	Stock Selection
DASSAT	DASSAT Batch History	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
DASSAT 1	DASSAT Batch History 1	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
DASSAT 3	Dassat 3	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
DASSAT 4	Dassat 4	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼
JMW	JMW User Group	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
JMW_TEST	Jens-Martins Test Gruppe	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼
JUERGEN	Jürgens User Group	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
JUERGEN_1	Test Batch History Wettengl	<input type="checkbox"/>		<input checked="" type="checkbox"/>	No Restrictior▼
PROD_SUPRV	Production Supervisor	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼
SAP 1	SAP example 1: stock overview	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼
SAP 2	SAP example 2: classification	<input type="checkbox"/>		<input type="checkbox"/>	No Restrictior▼

Choose a user group and navigate to selection tab title where you assign the selection tab 0240 – Batch history to the user group, check the active flag and save the same. The selection tab is a fixed selection tab and it is not active so that the selection screen is available only for user specific and not SAP Standard. **In the IMG activity “Define User-Group specific selection”, the administrator should first assign a User-Group to the selection tab Batch History and activate the same if he wants to display the Batch History selection screen in Batch Information Cockpit.**

User group	Text	Sta...	Sel...	S...	Text	Item	Acti...	Fix
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0110		Material	110	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0120		Batch	120	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0130		Classification	130	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0140		Stock	140	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0150		Usage	150	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QUAL_INSPEC	Quality Inspector	<input type="checkbox"/>	0240		Batch History	240	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Define Batch Related Object (BRO) Types and Parameters

Logistics – General -> Batch Management -> Batch Information Cockpit -> Batch History -> Batch-Related Object Types -> Define Batch-Related Object Types and Parameters

Example Scenarios

Please find a brief description for the different example scenario's that the batch history is intended to address. All BRO types (SAP and external (non SAP systems) need to be defined here.

Batch Related Object Types are business objects like Batch Master, Production Order, Purchase Order, Material Documents, etc., as shown in the list below. A BRO type can refer to multiple tables for information, for example, Purchase order will refer to tables EKET for batch number and EKPO for material number.

SAP defined BRO type:

The customizing examples are provided for the below SAP BRO types

SL.NO	BRO Type	Source System
1	Batch Master	SAP System
2	Inspection Lot	SAP System
3	Inspection Result	SAP System
4	Material Document	SAP System
5	Order Item (Production/Process)	SAP System
6	Delivery	SAP System
7	Purchase Order Item	SAP System
8	Quality Notification	SAP System
9	Reservation	SAP System
10	Sales Order	SAP System
11	Quants	SAP System
12	Transfer Order	SAP System
13	Usage Decision	SAP System
14	SAP Electronic Batch Record (EBR)	SAP System

In the IMG activity, “*Define Batch-Related Object Types and Parameters*”, the administrator will have to do the following

- Define BRO types and activate
- Assign User-Group to the BRO type
- Assign events to BRO types and assign attributes to the BRO type / Event combination.

Example: Define Batch Master

In the IMG activity, “*Define Batch-Related Object Types and Parameters*”, make an entry “BAHMAS” (Batch Master) as a BRO type into the table.

Add MCHA (Item line table for Batch Master) as the table name.

The field names should contain key fields of MCHA. So in this case the key fields for MCHA are MATNR, WERKS and CHARG. The final entry would look as below.

Check the active flag for the BRO (BAHMAS) type. This action is required to store the Batch Master related information in the index table (TOBJ_D_INDEX) when the report program RVBOBJTABUPD is executed. The program RVBOBJTABUPD shall create a dynamic query based on the information in customizing settings maintained for each BRO types would populate the index table from all the BRO type tables defined.

Note: Depending on the Batch Level, the table name for the batch master needs to be used. If batch is maintained at Plant level, table name is MCHA and if batch is maintained at Material/Client level, table name is MCH1

Dialog Structure		Batch-Related Object Types						
Batch-Related Object Ty	BRO Type	Text	Active	External	Table Na...	Field na...	Field na...	Field na...
User-Groups	BAHMAS	Batch Master	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MCHA	MATNR	WERKS	CHARG
Events	DELVRY	Delivery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIPS	VBELN	POSNR	
Attributes	INRSLT	Inspection Result	<input checked="" type="checkbox"/>	<input type="checkbox"/>	QALS	PRUEFLOS		

In order to retrieve the Batch History data, the user should be assigned to the user group. The user group will contain the BRO types that are accessible. This would be the criteria for selection of the BRO types that a user is authorized to.

Select a BRO type (BAHMAS) and navigate to the user group in order to assign user group to the BRO type. Here in the screen below, you will find Quality Inspector assigned to Batch Master BRO type.

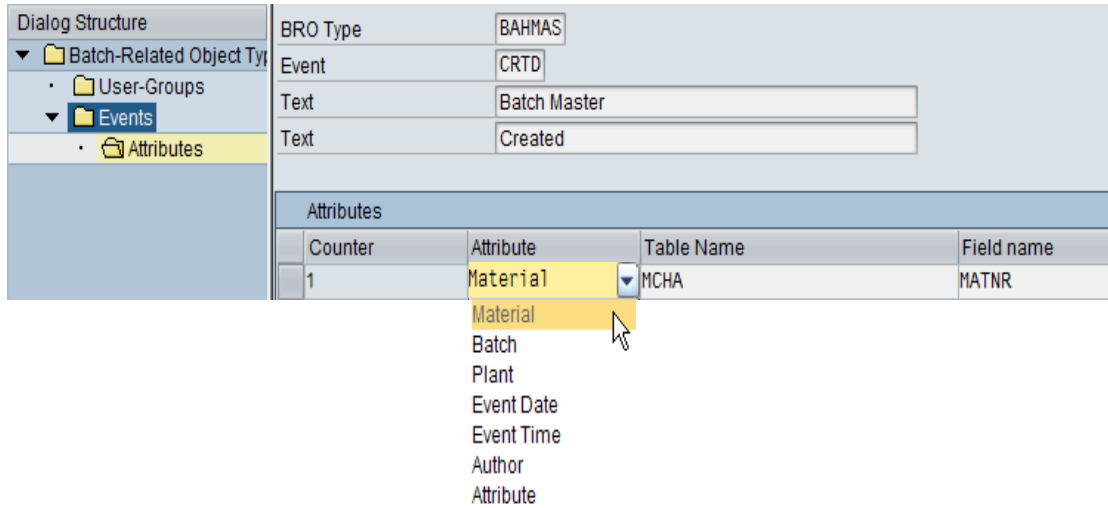
Dialog Structure		BRO Type	BAHMAS
Batch-Related Object Ty	Text	Batch Master	
User-Groups	User-Groups		
Events	User group s...	Text	
Attributes	DASSAT	DASSAT Batch History	
	DASSAT_1	DASSAT Batch History 1	
	DASSAT_3	Dassat 3	
	JUERGEN	Jürgens User Group	
	JUERGEN_1	Test Batch History Wettengl	
	PROD_SUPRV	Production Supervisor	
	QUAL_INSPEC	Quality Inspector	
	SINGI	Singi Batch History	
	SVEN	Sven's User Group	
	TEST456	test456	
	WETTENGL	Juergen Batch History	

For the same BRO type (Batch Master) navigate to the Events in order to define the events for the BRO type. For example there are two events, Changed and Created defined below.

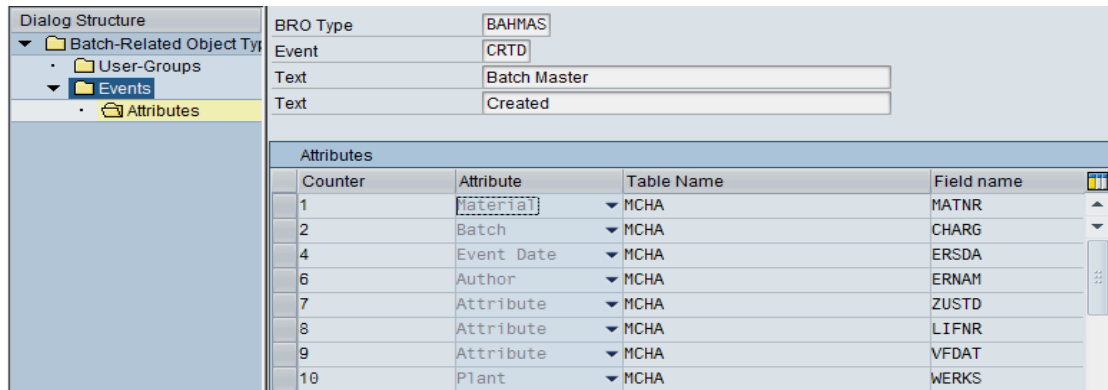
Dialog Structure		BRO Type	BAHMAS
Batch-Related Object Ty	Text	Batch Master	
User-Groups	Events		
Events	Event	BRO Type	Event Text
Attributes	CHNG	Changed	
	CRTD	Created	

Attributes are defined per event/BRO type combination. So select the event and navigate to Attributes in order to define the attributes. For example, choose the event "Created" and navigate to attributes to define the attributes.

Here in attributes table, the following parameters are required to be entered by the user. i.e., Material, Batch, Plant, Event Date, Event Time, Author. **The event time and author are optional where as the other mentioned parameters must be defined.** The other attributes can be defined freely. The corresponding table name and field name of the attributes need to be provided.



Similarly maintain other attributes and finally the table with entries for BAHMAS would look as follows



In the screen above there are 3 freely defined attribute maintained, user can extend to define more attributes. However maximum allowed is 10 freely defined attributes

Below represents the table name and key fields required to define all SAP BRO types that needs to be maintained in the customizing by the administrator.

Batch-Related Object Types								
BRO Type	Text	Active	External	Table Na...	Field name	Field name	Field name	Field name
BAHMAS	Batch Master	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MCHA	MATNR	WERKS	CHARG	
DELVRY	Delivery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIPS	VBELN	POSNR		
INRSLT	Inspection Result	<input checked="" type="checkbox"/>	<input type="checkbox"/>	QALS	PRUEFLOS			
INSL0T	Inspection Lot	<input checked="" type="checkbox"/>	<input type="checkbox"/>	QALS	PRUEFLOS			
MATDOC	Material Document	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MSEG	MBLNR	MJAHR	ZEILE	
ORDITM	Order Item	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AFPO	AUFNR	POSNR		
POITEM	Purchase Order Item	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EKPO	EBELN	EBELP		
QUALNF	Quality Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	QMEL	QMNUM			
QUANTS	Quants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LQUA	LGNUM	LQNUM		
RESVAN	Reservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESB	RSNUM	RSPOS	RSART	
SALORD	Sales Order	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VBAP	VBELN	POSNR		
SAPEBR	Electronic Batch Record	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MCHP	MATNR	CHARG	EBRID	
TRNORD	Transfer Order	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LTAP	LGNUM	TANUM	TAPOS	
USGDEC	Usage Decision	<input checked="" type="checkbox"/>	<input type="checkbox"/>	QALS	PRUEFLOS			

Note: Material Document (MATDOC) BRO type need to be defined as MATDOC itself since in Batch History Selection Tab, the user has the option to restrict the display of Batch History details based on Movement Types

Examples to depict events assigned to BRO types and also attributes to the BRO type / Event combination

Order Item (Production/Process)

Event: Created

BRO Type	<input type="text" value="ORDITM"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Order Item"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	▼ AFPO	MATNR	
2	Batch	▼ AFPO	CHARG	
3	Plant	▼ AUFK	WERKS	
4	Event Date	▼ AUFK	ERDAT	
5	Event Time	▼ AUFK	ERFZEIT	
6	Author	▼ AUFK	ERNAM	
7	Attribute	▼ AFKO	DISPO	
8	Attribute	▼ AFKO	FEVOR	
9	Attribute	▼ AFKO	FTRMS	
10	Attribute	▼ AFPO	DAUAT	

Order Item (Production/Process)

Event: Changed

BRO Type	<input type="text" value="ORDITH"/>
Event	<input type="text" value="CHNG"/>
Text	<input type="text" value="Order Item"/>
Text	<input type="text" value="Changed"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	AFPO	MATNR	
2	Batch	AFPO	CHARG	
3	Plant	AUFK	WERKS	
4	Event Date	AUFK	AEDAT	
5	Author	AUFK	AENAM	
6	Attribute	AFKO	DISPO	
7	Attribute	AFKO	FEVOR	
8	Attribute	AFKO	FTRMS	
9	Attribute	AFPO	DAUAT	

Delivery

Event: Created

BRO Type	<input type="text" value="DELVRY"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Delivery"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	LIPS	MATNR	
2	Batch	LIPS	CHARG	
3	Plant	LIPS	WERKS	
4	Event Date	LIPS	ERDAT	
5	Event Time	LIPS	ERZET	
6	Author	LIPS	ERNAM	
7	Attribute	LIKP	KUNNR	
8	Attribute	LIKP	LIFNR	
9	Attribute	LIKP	LFDAT	
10	Attribute	LIKP	LFART	

Delivery

Event: Changed

BRO Type	<input type="text" value="DELVRY"/>
Event	<input type="text" value="CHNG"/>
Text	<input type="text" value="Delivery"/>
Text	<input type="text" value="Changed"/>

Attributes				
Counter	Attribute		Table Name	Field name
1	Material	▼	LIPS	MATNR
2	Batch	▼	LIPS	CHARG
3	Plant	▼	LIPS	WERKS
4	Event Date	▼	LIPS	AEDAT
5	Attribute	▼	LIKP	KUNNR
6	Attribute	▼	LIPS	VGBEL
7	Attribute	▼	LIKP	LFDAT
8	Attribute	▼	LIKP	LFART

Inspection Lot

Event: Created

BRO Type	<input type="text" value="INSL0T"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Inspection Lot"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute		Table Name	Field name
1	Material	▼	QALS	MATNR
2	Batch	▼	QALS	CHARG
3	Plant	▼	QALS	WERK
4	Event Date	▼	QALS	ENSTEHDAT
5	Event Time	▼	QALS	ERSTELZEIT
6	Author	▼	QALS	ERSTELLER
7	Attribute	▼	QALS	HERKUNFT
8	Attribute	▼	QALS	ART
9	Attribute	▼	QALS	PAENDTERM

Inspection Result

Event: Created

BRO Type	INRSLT
Event	CRTD
Text	Inspection Result
Text	Created

Attributes			
Counter	Attribute	Table Name	Field name
1	Material	QALS	MATNR
2	Batch	QALS	CHARG
3	Plant	QALS	WERK
4	Event Date	QAMR	ERSTELLDAT
5	Event Time	QAMR	ZEITERSTL
6	Author	QAMR	ERSTELLER
7	Attribute	QAMR	PRUEFER
8	Attribute	QALS	WERK
9	Attribute	QALS	MBLNR

Quality Notification

Event: Created

BRO Type	DUALNF
Event	CRTD
Text	Quality Notification
Text	Created

Attributes			
Counter	Attribute	Table Name	Field name
1	Material	QMEL	MATNR
2	Batch	QMEL	CHARG
3	Plant	QMEL	MAWERK
4	Event Date	QMEL	ERDAT
5	Event Time	QMEL	MZEIT
6	Author	QMEL	ERNAM
7	Attribute	QMEL	KUNUM
8	Attribute	QMEL	QMTXT
9	Attribute	QMEL	QMART

Material Document

Event: Created

BRO Type	MATDOC
Event	CRTD
Text	Material Document
Text	Created

Attributes				
Counter	Attribute		Table Name	Field name
1	Material	▼	MSEG	MATNR
2	Batch	▼	MSEG	CHARG
3	Plant	▼	MSEG	WERKS
4	Event Date	▼	MKPF	BUDAT
5	Event Time	▼	MKPF	CPUTM
6	Author	▼	MKPF	USNAM
7	Attribute	▼	MSEG	BWART
8	Attribute	▼	MSEG	WERKS
9	Attribute	▼	MSEG	LGORT

Purchase Order Item


Event: Created

BRO Type	POITEM <input type="checkbox"/>
Event	CRTD
Text	Purchase Order Item
Text	Created

Attributes				
Counter	Attribute		Table Name	Field name
1	Material	▼	EKPO	MATNR
2	Batch	▼	EKET	CHARG
3	Plant	▼	EKPO	WERKS
4	Event Date	▼	EKET	BEDAT
5	Author	▼	EKKO	ERNAM
6	Attribute	▼	EKKO	LIFNR
7	Attribute	▼	EKKO	BUKRS
8	Attribute	▼	EKKO	EKORG

Purchase Order Item


Event: Changed

BRO Type	POITEM 		
Event	CHNG		
Text	Purchase Order Item		
Text	Changed		

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	▼ EKPO	MATNR	
2	Batch	▼ EKET	CHARG	
3	Plant	▼ EKPO	WERKS	
4	Event Date	▼ EKPO	AEDAT	
5	Author	▼ EKKO	ERNAM	
6	Attribute	▼ EKKO	LIFNR	
7	Attribute	▼ EKKO	BUKRS	
8	Attribute	▼ EKKO	EKORG	

Sales Order

Event: Created

BRO Type	SALORD 		
Event	CRTD		
Text	Sales Order		
Text	Created		

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	▼ VBAP	MATNR	
2	Batch	▼ VBAP	CHARG	
3	Plant	▼ VBAP	WERKS	
4	Event Date	▼ VBAP	ERDAT	
5	Event Time	▼ VBAP	ERZET	
6	Author	▼ VBAK	ERNAM	
7	Attribute	▼ VBAK	VKORG	
8	Attribute	▼ VBAK	KUNNR	
9	Attribute	▼ VBAK	TELF1	

Sales Order

Event: Changed

BRO Type	<input type="text" value="SALORD"/>
Event	<input type="text" value="CHNG"/>
Text	<input type="text" value="Sales Order"/>
Text	<input type="text" value="Changed"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	▼ VBAP	MATNR	
2	Batch	▼ VBAP	CHARG	
3	Plant	▼ VBAP	WERKS	
4	Event Date	▼ VBAP	AEDAT	
5	Attribute	▼ VBAK	VKORG	
6	Attribute	▼ VBAK	KUNNR	
7	Attribute	▼ VBAK	TELF1	

Reservation

Event: Created

BRO Type	<input type="text" value="RESVAN"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Reservation"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	▼ RESB	MATNR	
2	Batch	▼ RESB	CHARG	
3	Plant	▼ RESB	WERKS	
4	Event Date	▼ RKPF	RSDAT	
5	Author	▼ RKPF	USNAM	
6	Attribute	▼ RESB	BWAART	
7	Attribute	▼ RESB	AUFNR	
8	Attribute	▼ RESB	EBELN	

Electronic Batch Record – SAP

Event: Created

BRO Type	<input type="text" value="SAPEBR"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Electronic Batch Record - SAP"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	MCHP	MATNR	
2	Batch	MCHP	CHARG	
3	Plant	MCHP	WERKS	
4	Event Date	MCHP	VALDAT	
5	Attribute	MCHP	WERKS	
6	Attribute	MCHP	VERSION	
7	Attribute	MCHP	EBRSTATUS	

Transfer Order

Event: Created

BRO Type	<input type="text" value="TRNORD"/>
Event	<input type="text" value="CRTD"/>
Text	<input type="text" value="Transfer Order"/>
Text	<input type="text" value="Created"/>

Attributes				
Counter	Attribute	Table Name	Field name	
1	Material	LTAP	MATNR	
2	Batch	LTAP	CHARG	
3	Plant	LTAP	WERKS	
4	Event Date	LTAK	BDATU	
5	Event Time	LTAK	BZEIT	
6	Author	LTAK	BNAME	
7	Attribute	LTAP	LGNUM	
8	Attribute	LTAP	LGORT	
9	Attribute	LTAP	DLTYP	

Quants

Event: Created

BRO Type	QUANTS
Event	CRTD
Text	Quants
Text	Created

Attributes				
	Counter	Attribute	Table Name	Field name
	1	Material	▼ LQA	MATNR
	2	Batch	▼ LQA	CHARG
	3	Plant	▼ LQA	WERKS
	4	Event Date	▼ LQA	EDATU
	5	Event Time	▼ LQA	EZEIT
	6	Attribute	▼ LQA	BTANR
	7	Attribute	▼ LQA	LETYP
	8	Attribute	▼ LQA	LENUM

Usage Decision

Event: Created

BRO Type	USGDEC
Event	CRTD
Text	Usage Decision
Text	Created

Attributes				
	Counter	Attribute	Table Name	Field name
	1	Material	▼ QALS	MATNR
	2	Batch	▼ QALS	CHARG
	3	Plant	▼ QAVE	VWERKS
	4	Event Date	▼ QAVE	VDATUM
	5	Event Time	▼ QAVE	VEZEITERF
	6	Author	▼ QAVE	VNAME
	7	Attribute	▼ QAVE	VBEWERTUNG
	8	Attribute	▼ QAVE	QKENNZahl

Follow Up Actions

Logistics – General -> Batch Management -> Batch Information Cockpit -> Batch History -> Batch-Related Object Types -> Follow-up Actions for Batch-Related Object Types -> BAdI: Follow-up Actions for Batch-Related Object Types.

When the Batch History is displayed on the UI, the history would contain records for different transactional data, for example Production Order, Sales order, Purchase order etc. The customer might be interested in a follow up action for that particular document. On the Details (Batch History) screen, select the BRO type and right click. The user will get a list of follow-up actions defined for that particular BRO type.

The BAdI method will retrieve the follow up actions defined for a particular BRO type. **Default implementation for the BAdI method is provided**

User can have his own Follow-Up Actions defined per BRO Type by implementing the BAdI apart from the ones defined in the default implementation.

Defining External BRO type and retrieving batch history information maintained in external (non SAP) Systems

Logistics – General -> Batch Management -> Batch Information Cockpit -> Batch History -> Batch-Related Object Types ->BAdI: Define External Batch-Related Object Types

Logistics – General -> Batch Management -> Batch Information Cockpit -> Batch History -> Batch-Related Object Types -> Define Batch-Related Object Types and Parameters

This could happen in scenario where customer has an MES (Manufacturing Execution System), wherein batch related object details are also maintained. For e.g., detailed operational related information of the batch. The functionality provides the flexibility to define the external batch related object type in the customizing and use the BAdI exit to retrieve the data from the MES system.

A detailed documentation on viewing batch information stored in external systems from batch history functionality using SAP MII (Manufacturing Integration and Intelligence) is available as a SDN article

Additional Batch History Documents available in SDN

1. "Batch History: How to Guide on Getting Batch Information from Non-SAP Systems Using SAP MII"

<https://www.sdn.sap.com/irj/scn/go/portal/prtroot/docs/library/uuid/208239ac-3161-2b10-f29a-abec6754942e>

2. "Batch History - Enhanced Manufacturing Functionality with SAP ERP 6.0 EHP 4"

<https://www.sdn.sap.com/irj/scn/go/portal/prtroot/docs/library/uuid/f0e14a3e-ccd4-2b10-e4be-9e331d9e814c>

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