



Activities ▼



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# Business Entity Activities

**Business Entity Activities** are mostly for the communication between FireStart and third-party systems. The **Business Entity Activities** are the following:

- Add Business Entity Item
- Remove Business Entity Item
- Select Business Entity Item(s)
- Synchronize Business Entity Items

## Add Business Entity Item

With this activity, a new item can be added to a business entity. The business entity can come also from an external system, such as a database or SharePoint. In the **Source**, you can define the data you want to store in the **Target** fields. The ID of the new element is returned in an optional output. With the checkbox **Use new item in workflow**, the added item will be assigned to the selected Business Entity items.



**Activity (Add BusinessEntity Item)**  
 This activity allows you to add an item in foreign system (e.g. Database, SharePoint) based on the connection data of your business entity item. It is also possible to set initial values for the business entity item fields.

Select a BusinessEntityItem:

BusinessEntityItems  
 Demo BE

Initial values for fields (optional):

Source

1	
2	
3	
4	

Change order

Target

Field 1	
Field 2	
Field 3	
Field 4	

Auto-map

+ Add text property

Output data:  
 ID of the new entry (optional):  
 <Unselected>

☐ Use new item in workflow

Business Entity Fields

Validate OK Cancel

## Remove Business Entity Item

With this activity, you can delete items of a business entity. With the radio buttons at the top of the wizard, you can choose to delete specific business entity items through a condition or to delete the active item.

Caution: Data will also be deleted from the system the business entity is mapped to.



**Activity (Remove BusinessEntity Item)**  
Use this wizard to configure your activity.

Select a business entity item:

- Business Entities
  - Demo BE

1. Ebene - Demo BE

☒ Delete by query ☐ Delete active business entity item

f [Field 1] Bound equals 1


Business Entity Fields

Validate OK Cancel

## Select Business Entity Item(s)

With the **Select Business Entity Items** activity, a field of a business entity item can be selected through a query. If you want to select all the items click on the Select all radio button, by doing this also Configurations options are available: with the Distinct field you can choose which distinct field you do not want to be repeated in the list and define an order, descending or ascending can be set on Sort by field, use Select top items to let you choose items from the top of your order. The output data can be just the count of the items by checking the option Use item count only, in case this is not selected the item count will be stored anyway in the hidden field BE\_ITEM\_COUNT.





### Activity (Select BusinessEntity Item(s) By Query)

Select a business entity item and define a condition. If only one item matches the condition, this item will be selected. If more items match, none will be selected.

Select BusinessEntity:

Demo BE

☐ Select all  
☒ Select by query

+

f

[Field 1]

Bound

e

equals

1

X

Configuration options:

Distinct by field:

<Unselected>

Please note that the sorting will only be applied for the selection, but it will not be preserved in the workflow.

Select top items:

Sort by field:

<Unselected>

Sort order:

Ascending

Output data:

☐ Use item count only

Output Field:

<Unselected>

Business Entity Fields

Validate

OK

Cancel

## Synchronize Business Entity Items


This activity is used to synchronize two business entities. This consist of two tabs:

- General, here you can choose the direction of synchronization in case of directional both of selected entities will be treated as the source. In the Last-Modified field, you can select the last modified one to be set in the target, you can choose if a certain date format is specified or a condition, like greater than. With column identifier you can set

also more than one identifier, with this you can make, source or target, behave as they have a composite Primary key. The output can be selected in the last radio button menu.

-Mapping, here the mapping between fields of the source and target can be set, if needed there is also the possibility to add a text item.



 **Activity (Synchronize BusinessEntity Items)**  
This activity synchronizes two business entities

General

Mapping

Synchronisation direction

☒ Source to target ☐ Bidirectional

Source

Select BusinessEntity:  
Demo BE

Item set:  
All items since a given date

LastModified field:  
<None>

LastModified greater than:

LastModified date format:

Item identifier:  
Field 1

Compare with field (e.g.: Hashcode)  
Field 2

Output  
☐ None  
☒ All since last modified  
☐ All updated since last modified

Target

Select BusinessEntity:  
Demo BE 2

Item set:  
All items since a given date

LastModified field:  
<None>


LastModified greater than:

LastModified date format:

Item identifier:  
Field 1

Compare with field (e.g.: Hashcode)  
Field 2

Output  
☐ None  
☒ All since last modified  
☐ All updated since last modified

 Business Entity Fields



Was this article helpful?

Yes

No

## Related articles

Define Business Entity for Process