

# OnItemValidate

## OnItemValidate picture event

### Declaration

Global handler:

```
ENTRY OnItemValidate(IN INT _refId, INT _row, INT _col, IN TEXT _value,
BOOL _bValid)
; script actions
END OnItemValidate
```

Special handler:

```
ENTRY XXX_OnItemValidate(INT _row, INT _col, IN TEXT _value, BOOL
_bValid)
; script actions
END XXX_OnItemValidate
```

### Parameters

_refId	Parameter of <b>INT</b> type (required for global handler).
<b>XXX</b>	Name of Reference variable connected to graphic object (without the character "_").
_row, _col	Row, column of the item, whose value must be validated.
_value	New item value.
_bValidate	Output parameter - value validity attribute.

### Description

The picture event is being generated by the displayer of [Browser](#) type, if the user want to finish the editing of item. Item is defined by row (*\_row*) and column (*\_col*). Owing to the backward compatibility, the parameter *\_col* does not represent the index of column in a structure, but the order of column (from left), as it is displayed. Edited column must be of Text type.

If the picture event handler sets the output parameter to the value `@False`, the user cannot carry out the change. If the picture event handler sets the output parameter to the value `@True`, the change will be accepted.  
When using the picture event, it allows easy performing the input check.

### Example

In the example below, the picture handler for the displayer of Browser type with the reference variable *\_browser* checks whether a value entered by user is lower or equal to the number of the item row. If the input is OK, then user can edit the item placed below the current one. If the item is placed in last row, next item to edit will be in first row.

The Browser displays the structured variable *\_rec*.

```

ENTRY browser_OnItemValidate(INT _row, INT _col, IN TEXT _value, BOOL
_bValid)
  IF _col = 1 THEN
    INT _val
    _val := %StrToI(_value)

    IF !_val\VLD THEN
      _bValid := @FALSE
    ELSIF _val > _row THEN
      _bValid := @FALSE
    ELSE
      _bValid := @TRUE
      _row := _row+1
      IF _row > _rec\DIM THEN
        _row := 1
      ENDIF
    ENDIF
  ELSE
    _bValid := @TRUE
  ENDIF
END browser_OnItemValidate

BEGIN
  REDIM _rec[10]
END

```

Global picture event handler:

```

ENTRY OnItemValidate(IN INT _refId, INT _row, INT _col, IN TEXT _value,
BOOL _bValid)

```

```

  IF _refId = _browser THEN      ;test that determines the displayer in which
the event occurred

```

```

    ; script actions

```

```

  ENDIF
END OnItemValidate

```

#### Note

Since the version 10.0.37 and higher, the next item for editing cannot be defined by the parameters `_row` and `_col`. This functionality is replaced by calling the function `%HI_EditItem` (for example from ENTRY [OnItemChange](#)).



#### Related pages:

[Picture event handler](#)  
[Picture events](#)