

# OnNewDiaTrendTimeInt

## OnNewDiaTrendTimeInt picture event

### Declaration

Global handler:

```
ENTRY   OnNewDiaTrendTimeInt(IN INT _refId, IN TIME _bt, IN TIME _et, IN
INT _case, IN INT _subCase)
; script actions
END   OnNewDiaTrendTimeInt
```

Special handler:




```
ENTRY XXX_OnNewDiaTrendTimeInt(IN TIME _bt, IN TIME _et, IN INT _case, IN
INT _subCase)
; script actions
END XXX_OnNewDiaTrendTimeInt
```

### 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 "_").
_bt, _ec	Displayed time interval (begin time and end time).
_case	Input parameter of <b>INT</b> type (see the table below).
_subCase	Input parameter of <b>INT</b> type - specifies the use of the parameter _case (see the table below).

### Description

The picture event is being generated by displayer of **Graph** type, whenever the time interval displayed in the displayer is being changed. The parameters *\_bt* and *\_et* represents new time interval. The parameter *\_case*, according to the following table, determines the type of the event, when the time interval changed and the parameter *\_subCase* specifies the use of the parameter *\_case*:

value of parameter _case	Event type
0	First opening of the graph - immediately after opening the graph, or after calling the function <code>%HI_SetConnectedObj</code> .
1	When the user defines a time interval on time axis. If: <ul style="list-style-type: none"><li>• <i>_subCase</i> = 0 - return to the initial time interval (just as the button  in the graph)</li><li>• <i>_subCase</i> = 1 - <a href="#">definition of a new time interval</a> (just as the button  in the graph)</li></ul>
2	Use of a zoom. If: <ul style="list-style-type: none"><li>• <i>_subCase</i> = 0 - destroy zoom</li><li>• <i>_subCase</i> = 1 - use zoom</li></ul>
3	Time interval change caused by a data shift in live graph. If: <ul style="list-style-type: none"><li>• <i>_subCase</i> = 0 - shift caused by new values</li><li>• <i>_subCase</i> = 1 - shift caused by deactivation of the button  in graph window</li></ul>

!!! Calling the function `%HI_SetDiagTimes` doesn't activate the picture event **OnNewDiaTrendTimeInt** !!!

### Example

The picture event handler for the displayer called *Graph* with the reference variable *\_graph*.

```
ENTRY graf_OnNewDiagTrendTimeInt(IN TIME _bt, IN TIME _et, IN INT _case,  
IN INT _subCase)  
  IF _case = 0 THEN          ; open displayer of Graph type  
  ELSIF _case=1 THEN         ; change of time interval
```

```
    IF _subCase = 0 THEN      ; return to initial interval
```

```
    ELSIF _subCase = 1 THEN   ; definition of a new time interval
```

```
  ENDIF  
  ELSIF _case = 2 THEN        ; use of zoom
```

```
    IF _subCase = 0 THEN      ; destroying zoom  
      ELSIF _subCase = 0 THEN ; use of zoom  
    ENDIF  
  ENDIF  
END graf_OnNewDiagTrendTimeInt
```

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[Picture event handler](#)  
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