

# OPEN

## OPEN action

Function	The action opens a specific <a href="#">graph</a> , <a href="#">picture</a> or <a href="#">composition</a> .
Declaration	<b>OPEN</b> grObjIdent [ <b>OM_NORMAL</b>   <b>OM_DLG</b>   <b>OM_MODAL</b> ] [ <b>INSTANCE</b> instanceExprInt] or <b>OPEN</b> grObjIdent <b>ON</b> procldent [ <b>OM_NORMAL</b>   <b>OM_DLG</b>   <b>OM_MODAL</b> ] [ <b>INSTANCE</b> instanceExprInt] or <b>OPEN</b> grObjIdent <b>DIRECT</b> [ <b>USE_MDD</b> ] [ <b>OM_NORMAL</b>   <b>OM_DLG</b>   <b>OM_MODAL</b>   <b>OM_POPUP</b> _xIdent , _yIdent   <b>OM_INFO</b> _xIdent, _yIdent] [ <b>INSTANCE</b> instanceExprInt] <b>[[SYNC [END]]]</b> or <b>OPEN</b> grObjIdent <b>ON ALL</b> [ <b>OM_NORMAL</b>   <b>OM_DLG</b>   <b>OM_MODAL</b> ] [ <b>INSTANCE</b> instanceExprInt] or for <a href="#">multiserver systems</a> *

Parameters	grObjIdent	in	<a href="#">Reference</a> to an object of <i>Graph</i> , <i>Picture</i> or <i>Composition</i> type.
	procldent	in	<a href="#">Identifier</a> of a <i>Process</i> type object (Human Interface).
	instanceExprInt	in	<a href="#">Expression</a> of <i>Int</i> type, which specifies the object instance number .
	_xIdent	in	<i>Int</i> type - x coordinate of the opened object on the desktop of the <a href="#">D2000 HI</a> process.
	_yIdent	in	<i>Int</i> type - y coordinate of the opened object on the desktop of the <a href="#">D2000 HI</a> process .
	knIID	in	The <a href="#">D2000 Server</a> number in the multikernel system.

Popis	<p>The action opens the given graphic object (optionally also the given instance) on the given console (if it is not stated, so on <i>SELF.HIP</i>) or on all currently running consoles.</p> <p>Action with <b>DIRECT</b> clause is enabled in the case of an <a href="#">active picture</a>. A picture opened by this (on the identical <a href="#">D2000 HI</a> process) is to be opened as a subpicture - there is to be executed copying <i>INOUT</i> variables (local variables of the picture) between the pictures.</p> <p>If the keyword <b>SYNC</b> is used, the action will be terminated after the picture is opened. If the keyword <b>SYNC</b> is followed by the keyword <b>END</b>, the action will be terminated after closing the picture.</p> <p>The <i>USE_MDD</i> parameter allows the <b>D2000 HI</b> process to open a picture without a link to picture location, from which the picture is opened. For example, if the HI is in a multidisplay mode (uses multiple monitors) and the picture that used the OPEN ... DIRECT call (without the <i>USE_MDD</i> parameter) is on the monitor No.2, the picture being opened will be placed on monitor No.2. If the <i>USE_MDD</i> parameter is used, then opening proceeds according to the configuration in <a href="#">mdd.ini</a> file and according to <a href="#">picture parameters</a>.</p> <p>The action allows to adjust (using a keyword <b>OM_*</b>) <a href="#">picture window type</a> after opening by redefining the standard setting:</p>
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Window type	Keyword
Normal	<b>OM_NORMAL</b>
Dialog	<b>OM_DLG</b>
Dialog-modal	<b>OM_MODAL</b>
popup picture	<b>OM_POPUP</b>
info picture	<b>OM_INFO</b>

The keyword **OM\_POPUP** can be only used along with the keyword **DIRECT**. Opening the picture as a popup requires the definition of other parameters *\_xldent* and *\_yldent*, which defines the position of the window after opening it. The position is given by coordinates in regard to the picture, from which it is opened. Values are available in e.g. the active picture event [OnMouseDown](#). If the parameters *\_xldent* and *\_yldent* are set to -1 and -1, the given window will be opened on the position of the mouse pointer. This description is also applied for key word **OM\_INFO**.

**Picture opening as popup window** - picture is opened like dialog **active** picture without title (it takes a focus of the active picture of process). If you click out of picture, it will be closed.

**Picture opening as info window** - picture is opened like dialog **inactive** picture with tight frame and without title. Picture is inactive (it does not take a focus of the active picture of process) if it contains only the graphic objects and window elements. Other nested objects can activate this picture. As the picture does not contain the title bar, it should have implemented its own closing mechanism.

**Notice:** OPEN action can fail if the picture has been opened in the HI or if it is blocked in another HI (the application modal pictures).

**Note**

\* Can be used within active picture only. The action opens the picture given by its name (the parameter *picture name*). Picture is defined in the configuration of the [D2000 Server](#) process specified by the parameter *KnIID*.



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