

# Tab Order of Window Objects

## Tab order of window objects in picture

### Window objects

Window objects are objects that have in HI created its own window. This includes all window controls + pictures, graphs, etc.


### Group of Windows controls















The first Windows control in a group of Windows control is being defined by the parameter **Group** (the tab **Parameters**) in the palette [Connect object](#). The group includes all Windows controls up to the Windows control defined as the first one in another group (see the figure below - e.g. the first group of Windows controls contains four controls). The order of window objects may be defined in the dialog box shown and described below.

Tab order of window objects influences the picture behaviour as follows:

- defines the drawing order and so the visibility of overlapped controls,
- determines the order to navigate the Windows controls by using the **Tab** key (next Windows control) and **Shift+Tab** (previous Windows control),
- it is very important for windows object of [Radio button](#) type - the order determines the values of individual buttons within the group,
- windows object of [Spin button](#) type automatically sets the value of the Windows control (text input) previous in the order.

### Definition of tab order




To open the dialog box for defining a tab order of window objects click the button  - **Tab order** placed in the [Main toolbar](#) in the [D2000 GrEditor](#). When this window is opened, the window objects numbers are displayed (see [example](#)) in the active picture. The number of selected object is highlighted in red color. In active picture, you may select only window objects. Some of the other actions are not compatible with this feature, i.e. order of window objects, so they close this dialog window.

Windows controls tab order								
Nr.	Description of the GO	GO	Text	X	Y	Ref. variable	Group	Connected object
 1	Win. - Strom	12	"Vyberovnik"	18	70	_Tree		
 2	Win. - Tlačidlo	13	"Set"	160	211	_BtnSet		
 3	Win. - Áno-Nie tlačidlo	15	"Apply selection:"	159	179	_Chk		
 4	Win. - Vstup textu	16	"Input name of item"	158	115	_EF		
 5	Win. - Zoznam	17	"List of commands"	158	148	_List		
 6	Win. - Statický text	21	"Enter the name of the item:"	157	96			
 7	Win. - Výberové tlačidlo	18	"1"	264	179	_RB	Yes	
 8	Win. - Výberové tlačidlo	19	"2"	297	179	_RB		
 9	Win. - Výberové tlačidlo	20	"3"	328	179	_RB		
 10	Win. - Výberové tlačidlo	22	"4"	361	179	_RB		
 11	Displayer - Schéma	24		18	10	_Pict		S.Browser
 12	Win. - Posuvné tlačidlo	27	"Input name of item"	377	115	_SB		
 13	Win. - Záložky	28		431	70	_Tab	Yes	S.Tab1
 14	Win. - Grupa	29	"Setting content"	152	69			

Column name	Description
Nr.	Bitmap of object and its order order between window objects in a picture.
Description of the GO	Name of graphic object.
GO	Internal number of graphic object.
Text	A text in the windows control. It is not written (no importance).
X, Y	Position data in picture.
Ref. variable	Name of windows control in script of picture.

Group	Grouping of windows controls.
Connected object	One of the used links to D2000 objects.

Functions of buttons:

1	Moves the selected line (windows control) in the order.
	Defines the order in the special mode - clicking the windows controls in the picture to define their order. The Windows controls will be inserted after the selected control in the list. To return to the basic mode, click the button again. If you press SHIFT key when selecting the object, this object will not change its order and the controls will be ordered from this object.
	Horizontal alignment of windows controls. Basic alignment is done by the position of window (upper left corner). If you press SHIFT key when clicking the button, the windows controls will be aligned according to central point of object.
	Vertical alignment of windows controls. Basic alignment is done by the position of window (upper left corner). If you press SHIFT key when clicking the button, the windows controls will be aligned according to central point of object.

Example of numbering of windows controls in the active picture:

