

# Item

An item's multivalue settings.

## Usage

```
Set_Property(OLECtrlEntID, "OLE.Item[key]", Array)
```

## Values

*Array* has the following structure:

Pos	Name	Type	Description	Default
<1>	Data	Text	The item's data	" "
<2>	Data Type			
<2, 1>	Type	Option	The item's data type, used to make sorting accurate and efficient	Text
<2, 2>	Format	Formatted String	The item's data format, used to present the data to the user	" "
<3>	Class	Text	The item's class, an application specific string used for classification purposes	" "
<4>	Image	Formatted String	The item's image, either a file or a key pointing to a global image	" "
<5>	Colors			
<5, 1>	Text Color	Color	The color of the item's text	WindowText
<5, 2>	Background	Color Fill	The item's background	Window
<6>	Font	Font	The font used to render the item's data	Tahoma, 8 pt.
<7>	Alignment			
<7, 1>	Horizontal	Option	The horizontal alignment of the item's data	Left
<7, 2>	Vertical	Option	The vertical alignment of the item's data	Center
<8>	Sort	Option	The item's sort setting	None
<9>	Check Box	Option	The item's check box setting	None
<10>	Expandable	Boolean	Whether or not the item can be expanded or collapsed by the user	1
<11>	Height	Integer	The item's height	16
<12>	Hyperlink	Boolean	Whether or not the item displays hyperlink feedback to the user	0
<13>	Selectable	Boolean	Whether or not the item can be selected by the user	1
<14>	Swatch Color	Color Fill	A custom colored rectangle that appears at the beginning or end of an item	None
<15>	Swatch Position	Option	The position of the swatch, if there is one: Left or Right	Left
<16>	Swatch Size			
<16, 1>	Width	Integer	The swatch width, in pixels, if there is one	13

<16, 2>	Height	<a href="#">Integer</a>	The swatch height, in pixels, if there is one	13
<17>	Fields		List of user defined fields and their values: each value has the following format:	" "
<17, x, 1>	Field Name	<a href="#">Text</a>	The unique field name	" "
<17, x, 2>	Field Value	<a href="#">Text</a>	The field's value	" "

## Indices

	Description
Index	key An item's unique key

## Remarks

The Item property gets and sets multiple attributes of an item at once. This property is useful if you plan to alter many elements of an item at the same time. Each field of this large multivalue structure is detailed below.

### Data

This field sets the item's data. The data is the text that is displayed to the user. Usually, this is just simple text, but you can display other kinds of data as well by modifying the next field. See [ItemData](#) for details.

### Data Type

The data type field establishes the type of data and its output format. The first value of this field sets the data type and the second value determines how that data type is formatted. The data type will be used to determine how the items are sorted, since sorting dates is different than sorting strings. See [ItemType](#) for details.

### Class

This field sets the item's class. The class is simply a mechanism for classifying items, and the data you put here can be anything you deem appropriate. Think of it as a generic label. For example, you might have item whose data is "Maple" while setting its class to "Tree". This property becomes extremely useful when using [Conditions](#). See [ItemClass](#) for details.

### Image

The image field establishes the item's image, that is, the icon that appears next to the item's data. You can set this field to an actual image file, or just set it to a key that points to a global image. See the [ItemImage](#) property for details.

### Colors

This two-part field sets the item's colors. The first value sets the text color and the second value sets the item's background. The text can be any valid Color value while the background utilizes the powerful [Color Fill](#) technology. See [ItemColors](#) for details.

### Font

This field sets the font used to render the item's data. See the Font documentation for more details on its multivalued structure. See [ItemFont](#) for details.

### Alignment

The alignment field has two values for justifying the data. The first value aligns the data horizontally and can be set to "Left", "Center", or "Right". The second value aligns the data vertically and can be set to "Top", "Center", or "Bottom". See [ItemAlignment](#) for details.

### Sort

The sort field sets the item's persistent sort setting. Set this to "None", "Ascending", or "Descending". See [ItemSort](#) for details.

### Check Box

This field determines if a check box should appear next to the item. You can set this field to "None", "Left", or "Right". See [ItemCheckBox](#) for details.

### Expandable

The expandable field establishes whether or not the item can be expanded or collapsed by the user. If disabled, then no expansion button will appear next to the item. See [ItemExpandable](#) for details.

## Height

The height field sets the item's height, in pixels. By default, items are 16 pixels high. Use this field to customize the height. See [ItemHeight](#) for details.

## Hyperlink

This field determines whether or not the item will react like a hyperlink when the user hovers over it. When enabled, the cursor changes to a hand and the data is underlined. See [ItemHyperlink](#) for details.

## Selectable

This field establishes whether or not the item can be selected by the user. Disable this if you don't want the user to select the item for any reason. See [ItemSelectable](#) for details.

## Swatches

Swatches are custom colored rectangles that appear before or after an item's content. This little feature can be used in some applications to indicate some kind of status for an item. Perhaps a red swatch indicates an error that needs to be addressed. Three fields define a swatch. Field <14> defines its color, field <15> sets its position, and field <16> sets its size. See [ItemSwatchColor](#), [ItemSwatchPosition](#), and [ItemSwatchSize](#) for details.

## Fields

Each item can have any number of user defined fields added to it. Field <17> allows you to set them all at once. Each value in this field is a key/value pair. Each value has two sub-values: field name and field value. The field name can be any unique string, and the value can be anything you want. See [ItemField](#) or [ItemFields](#) for details.

## Example

```
// Convert an item into a non-selectable blue hyperlink
// In this example, the item's key is "Link"
Item = Get_Property(@Window:".OLE_TREE", "OLE.Item[Link]")

Item<5, 1> = "Blue"      ; // Make it blue
Item<12> = 1             ; // Make it a hyperlink
Item<13> = 0             ; // Make it non-selectable

* Set the item's new attributes
Set_Property(@Window:".OLE_TREE", "OLE.Item[Link]", Item)
```

## See Also

[ItemAlignment](#), [ItemCheckBox](#), [ItemClass](#), [ItemColors](#), [ItemData](#), [ItemExpandable](#), [ItemField](#), [ItemFields](#), [ItemFont](#), [ItemHeight](#), [ItemHyperlink](#), [ItemImage](#), [ItemSelectable](#), [ItemSort](#), [ItemSwatchColor](#), [ItemSwatchPosition](#), [ItemSwatchSize](#), [ItemType](#)