

ZAF 5 Base Attribute Support

[illegible]

[illegible]

1. "Attributes" in this context refers to accessor functions inside ZafWindowObject and ZafWindow that manipulate data members. Each accessor has both a "Get" and a "Set" variant. For example, "SetAcceptDrop(true)" sets this attribute, while "if (AcceptDrop())" checks the status of the attribute.

In the chart "■" indicates the attribute is supported by the class listed at the top of the column, while " " (blank) indicates the attribute is undefined for the class. Other values are "forced" by a *blocking function* that prevents that attribute from being changed. For example, an attempt to "SetAcceptDrop(true)" on a ZafPrompt will always return "false" as indicated in the chart.

Chart Key:

■	Supported by this class
" "	Undefined for this class
T	Forced to "true" for this class
F	Forced to "false" for this class
N	Forced to "NULL" for this class
C	Initialized to ZAF_CELL
D	Supported by DOS only, defined by end user on other environments
Ø	Initialized to zero for this class
I	Forced to "ZAF_INSIDE_REGION" for this class
O	Forced to "ZAF_OUTSIDE_REGION" for this class
A	Forced to "ZAF_AVAILABLE_REGION" for this class
S	Forced to "ZAF_SINGLE_SELECTION" for this class
static	Value is environment specific and may not be changed, except in DOS

2. "Dynamic" indicates the attribute may be changed dynamically, i.e. after the object has been initialized and has a screenID. If the attribute cannot be changed dynamically then "SetAttribute" functions must be called prior to adding the object to a managed parent or the WindowManager. Alternatively, the object may be subtracted, attributes changed, then readded to its parent.

3. "AutomaticUpdate" is defined only for palette manipulation functions (BackgroundColor, TextColor, Font, UserPaletteData) and Add and Subtract. When "AutomaticUpdate==false" the display is not refreshed when these functions are called. This allows the programmer to fully manipulate the palette, or add or subtract many items on a parent without slow and distracting screen updates. "SetAutomaticUpdate(true)" restores the normal display behavior and immediately redisplayes the changes made while AutomaticUpdate was false.

Note: AutomaticUpdate is not defined for other contexts and is therefore not portable outside of palette functions, Add and Subtract. It may result in unpredictable and non-portable behavior (even crashing!) under other conditions and should therefore never be left in the "false" state. In general, "SetAutomaticUpdate(false)" and "SetAutomaticUpdate(true)" should immediately precede and follow the functions it is designed to affect.

4. This accessor function manipulates the UserPaletteData member which is an instance of ZafPaletteData — a separate class. Initialization, duplication and persistence are handled by ZafPaletteData rather than the user interface class.

5. By default, this attribute applies only to children of a ZafStatusBar. However, it may be exploited by programmers for other purposes.

6. By default, this attribute applies only to children of ZafHzList, ZafVtList, ZafTreeList, and ZafTreeltem. However, it may be exploited by programmers for other purposes.

7. Proper child windows cannot have decorations (e.g. TitleBar, Border, etc.) therefore Text is undefined in this case. MDI children do have decorations.

8. This attribute is set on the ZafTreeList object only, and affects the entire tree (including all the ZafTreeltem objects).

9. This attribute is valid in some contexts for this class but not others. For example, "SetDisabled(true)" is valid for proper child windows only (i.e. do not have decorations).

10. Instances of this class are forced to "Temporary()==true" by ZafComboBox when they are the ZafComboBox::list member.

ZAF 5 Subclass Attribute Support

ZafPrompt	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSize	▪		true	copied	stored
HotKeyChar	▪		0	copied	stored
HotKeyIndex	▪		-1	copied	stored
HzJustify	▪		ZAF_HZ_LEFT	copied	stored
StringData	▪	▪	NULL	copied	stored
TransparentBackground	▪		false	copied	stored
VtJustify	▪		ZAF_VT_TOP	copied	stored
ZafString	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	▪	▪	true	copied	stored
HzJustify	▪		ZAF_HZ_LEFT	copied	stored
InputFormatData	▪		NULL	copied	stored
Invalid	▪	▪	false	copied	stored
LowerCase	▪		false	copied	stored
OutputFormatData	▪		NULL	copied	stored
Password	▪		false	copied	stored
RangeData	▪		NULL	copied	stored
StringData	▪	▪	NULL	copied	stored
Unanswered	▪	▪	false	copied	stored
UpperCase	▪		false	copied	stored
VariableName	▪		false	copied	stored
ViewOnly	▪		false	copied	stored
ZafFormattedString	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
CompressedData	▪		NULL	copied	stored
DeleteData	▪		NULL	copied	stored
ExpandedData	▪		StringData	StringData	StringData
FormatData	▪		InputFormatData	InputFormatData	InputFormatData
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData			ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData			ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData			ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
Unanswered	▪	▪	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafBignum	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
BignumData	▪	▪	NULL	copied	stored
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString

InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafDate	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
DateData	▪	▪	NULL	copied	stored
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafInteger	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
IntegerData	▪	▪	NULL	copied	stored
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafReal	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString

OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
RealData	▪	▪	NULL	copied	stored
StringData			ZafString	ZafString	ZafString
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafTime	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
TimeData	▪	▪	NULL	copied	stored
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafUTime	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	ZafString	ZafString	ZafString	ZafString	ZafString
HzJustify	ZafString	ZafString	ZafString	ZafString	ZafString
InputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Invalid	ZafString	ZafString	ZafString	ZafString	ZafString
LowerCase	false		ZafString	ZafString	ZafString
OutputFormatData	ZafString	ZafString	ZafString	ZafString	ZafString
Password	false		ZafString	ZafString	ZafString
RangeData	ZafString	ZafString	ZafString	ZafString	ZafString
StringData			ZafString	ZafString	ZafString
Unanswered	ZafString	ZafString	ZafString	ZafString	ZafString
UpperCase	false		ZafString	ZafString	ZafString
UTimeData	▪	▪	NULL	copied	stored
VariableName	false		ZafString	ZafString	ZafString
ViewOnly	ZafString	ZafString	ZafString	ZafString	ZafString
ZafButton	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	▪		false	copied	stored
AllowToggling	▪		false	copied	stored
AutoRepeatSelection	▪		false	copied	stored
AutoSize	▪		true	copied	stored
BitmapData	▪	▪	NULL	copied	stored
ButtonType	▪		ZAF_NATIVE_BUTTON	copied	stored
Depressed	Internal		false	false	false

Depth	▪		2	copied	stored
HotKeyChar	▪		0	copied	stored
HotKeyIndex	▪		-1	copied	stored
HzJustify	▪		ZAF_HZ_CENTER	copied	stored
SelectOnDoubleClick	▪		false	copied	stored
SelectOnDownClick	▪		false	copied	stored
SendMessageText	▪	▪	NULL	copied	stored
SendMessageWhenSelected	▪		false	copied	stored
StringData	▪	▪	NULL	copied	stored
Value	▪	▪	0	copied	stored
VtJustify	▪		ZAF_VT_CENTER	copied	stored
ZafIcon	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		false	false	false
AutoSize	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
BitmapData	NULL		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_FLAT_BUTTON		ZAF_FLAT_BUTTON	ZafButton	ZafButton
Depressed	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
Depth	0 (2 in Motif)		ZafButton	ZafButton	ZafButton
HotKeyChar	0		ZafButton	ZafButton	ZafButton
HotKeyIndex	-1		ZafButton	ZafButton	ZafButton
HzJustify	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
IconData	▪	▪	NULL	copied	stored
IconType	▪		ZAF_NATIVE_ICON	copied	stored
SelectOnDoubleClick	ZafButton	ZafButton	true	ZafButton	ZafButton
SelectOnDownClick	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
SendMessageText	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
StringData	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
Value	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
VtJustify	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
ZafImage	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSize	▪		false	copied	stored
PathID	▪	▪	-1	copied	stored
PathName	▪	▪	NULL	copied	stored
Scaled	▪		false	copied	stored
Tiled	▪		false	copied	stored
Wallpaper	▪		false	copied	stored
ZafProgressBar	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
ProgressData	▪	▪	NULL	copied	stored
ProgressStyle	▪		ZAF_PROGRESS_NATIVE	copied	stored
ProgressType	▪		ZAF_PROGRESS_HORIZONTAL	copied	stored
TextStyle	▪		ZAF_PROGRESS_TEXT_VALUE	copied	stored
ZafPullDownItem	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton

AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	false		ZafButton	ZafButton	ZafButton
BitmapData	NULL		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_FLAT_BUTTON		ZAF_FLAT_BUTTON	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton
Depth	0		0	ZafButton	ZafButton
HotKeyChar	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
HotKeyIndex	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
HzJustify	ZAF_HZ_LEFT		ZAF_HZ_LEFT	ZafButton	ZafButton
SelectOnDoubleClick	false		ZafButton	ZafButton	ZafButton
SelectOnDownClick	false		ZafButton	ZafButton	ZafButton
SendMessageText	NULL		ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	false		ZafButton	ZafButton	ZafButton
StringData	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
Value	0		ZafButton	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafPopUpItem	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	▪		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	false		ZafButton	ZafButton	ZafButton
BitmapData	NULL		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_FLAT_BUTTON		ZAF_FLAT_BUTTON	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton
Depth	0		0	ZafButton	ZafButton
HotKeyChar	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
HotKeyIndex	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
HzJustify	ZAF_HZ_LEFT		ZAF_HZ_LEFT	ZafButton	ZafButton
ItemType	▪		ZAF_NORMAL_ITEM	copied	stored
SelectOnDoubleClick	false		ZafButton	ZafButton	ZafButton
SelectOnDownClick	false		ZafButton	ZafButton	ZafButton
SendMessageText	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
StringData	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
Value	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafBorder	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
Width (static member)			na	na	na
ZafTitle	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	true		ZafButton	ZafButton	ZafButton
BitmapData	NULL		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_FLAT_BUTTON		ZAF_FLAT_BUTTON	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton

Depth	0		0	ZafButton	ZafButton
HotKeyChar	0		ZafButton	ZafButton	ZafButton
HotKeyIndex	-1		ZafButton	ZafButton	ZafButton
HzJustify	ZAF_HZ_CENTER		ZafButton	ZafButton	ZafButton
SelectOnDoubleClick	true		true	ZafButton	ZafButton
SelectOnDownClick	true		true	ZafButton	ZafButton
SendMessageText	NULL		ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	true		true	ZafButton	ZafButton
StringData	ZafButton	ZafButton	ZafButton	ZafButton	ZafButton
Value	Internal		ZafButton	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafSystemButton	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	true		ZafButton	ZafButton	ZafButton
BitmapData	Internal		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_3D_BUTTON		ZafButton	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton
Depth	1		1	ZafButton	ZafButton
HotKeyChar	0		ZafButton	ZafButton	ZafButton
HotKeyIndex	-1		ZafButton	ZafButton	ZafButton
HzJustify	ZAF_HZ_CENTER		ZafButton	ZafButton	ZafButton
SelectOnDoubleClick	false		ZafButton	ZafButton	ZafButton
SelectOnDownClick	false		ZafButton	ZafButton	ZafButton
SendMessageText	NULL		ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	false		ZafButton	ZafButton	ZafButton
StringData	Internal		ZafButton	ZafButton	ZafButton
SystemButtonType	▪		ZAF_NATIVE_SYSTEM_BUTTON	copied	stored
Value	0		ZafButton	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafMaximizeButton	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	true		ZafButton	ZafButton	ZafButton
BitmapData	Internal		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_3D_BUTTON		ZAF_3D_BUTTON	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton
Depth	1		1	ZafButton	ZafButton
HotKeyChar	0		ZafButton	ZafButton	ZafButton
HotKeyIndex	-1		ZafButton	ZafButton	ZafButton
HzJustify	ZAF_HZ_CENTER		ZafButton	ZafButton	ZafButton
SelectOnDoubleClick	false		ZafButton	ZafButton	ZafButton
SelectOnDownClick	false		ZafButton	ZafButton	ZafButton
SendMessageText	NULL		ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	true		true	ZafButton	ZafButton
StringData	Internal		ZafButton	ZafButton	ZafButton

Value	Internal		S_MAXIMIZE	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafMinimizeButton	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AllowDefault	false		ZafButton	ZafButton	ZafButton
AllowToggling	false		ZafButton	ZafButton	ZafButton
AutoRepeatSelection	false		ZafButton	ZafButton	ZafButton
AutoSize	true		ZafButton	ZafButton	ZafButton
BitmapData	Internal		ZafButton	ZafButton	ZafButton
ButtonType	ZAF_3D_BUTTON		ZAF_3D_BUTTON	ZafButton	ZafButton
Depressed	Internal		ZafButton	ZafButton	ZafButton
Depth	1		1	ZafButton	ZafButton
HotKeyChar	0		ZafButton	ZafButton	ZafButton
HotKeyIndex	-1		ZafButton	ZafButton	ZafButton
HZJustify	ZAF_HZ_CENTER		ZafButton	ZafButton	ZafButton
SelectOnDoubleClick	false		ZafButton	ZafButton	ZafButton
SelectOnDownClick	false		ZafButton	ZafButton	ZafButton
SendMessageText	NULL		ZafButton	ZafButton	ZafButton
SendMessageWhenSelected	true		true	ZafButton	ZafButton
StringData	Internal		ZafButton	ZafButton	ZafButton
Value	Internal		S_MINIMIZE	ZafButton	ZafButton
VtJustify	ZAF_VT_CENTER		ZafButton	ZafButton	ZafButton
ZafDialogWindow	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
Modal	▪		true	copied	stored
ZafScrolledWindow	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
HZScrollPos	▪	▪	parameter	copied	stored
ScrollHeight	▪	▪	parameter	copied	stored
ScrollWidth	▪	▪	parameter	copied	stored
VtScrollPos	▪	▪	parameter	copied	stored
ZafMDIWindow	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
MDIType	▪		parameter	copied	stored
ZafHzList	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSortData	▪	▪	false	copied	stored
CellHeight	▪		parameter	copied	stored
CellWidth	▪		parameter	copied	stored
ZafVtList	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSortData	▪	▪	false	copied	stored
ZafTreeList	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSortData	▪	▪	false	copied	stored
DrawLines	▪		true	copied	stored
ZafTreeItem	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSortData	▪	▪	false	copied	stored
Expandable	▪		false	copied	stored

Expanded	▪	▪	false	copied	stored
NormalBitmap	▪		NULL	copied	stored
SelectedBitmap	▪		NULL	copied	stored
StringData	▪	▪	NULL	copied	stored
ZafTable	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
CurrentOffset	Internal	User Readable	-1	-1	-1
Grid	▪		true	copied	stored
MaxOffset	▪	▪	-1	copied	stored
VirtualRecord	▪		NULL	copied	stored
ZafTableHeader	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
HeaderType	▪		ZAF_ROW_HEADER	copied	stored
VirtualField	▪		NULL	copied	stored
ZafTableRecord	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
Offset	Internal	User Readable	-1	-1	-1
ZafNotebook	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
CurrentPage	▪	▪	-1	copied	-1
TabHeight	▪		0	copied	stored
TabText	▪	▪	na	na	na
TabWidth	▪		0	copied	stored
ZafToolBar	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
DockType	▪		ZAF_DOCK_TOP	copied	stored
WrapChildren	▪		true	copied	stored
ZafGroup	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSelect	▪		false	copied	stored
HotKeyChar	▪		0	copied	stored
HotKeyIndex	▪		-1	copied	stored
StringData	▪	▪	NULL	copied	stored
ZafText	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoClear	▪	▪	false	copied	stored
HzJustify	▪		ZAF_HZ_LEFT	copied	stored
Invalid	▪	▪	false	copied	stored
StringData	▪	▪	NULL	copied	stored
Unanswered	▪	▪	false	copied	stored
ViewOnly	▪		false	copied	stored
WordWrap	▪	▪	true	copied	stored
ZafComboBox	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSortData	▪	▪	list	list	list
ViewOnly	▪		false	copied	stored
ZafSpinControl	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
Delta	▪	▪	parameter	copied	stored
ViewOnly	▪		false	copied	stored

ZafScrollBar	Support	After Creation	Constructor	Copy Ctor	Persistent Ctor
AutoSize	▪		true	copied	stored
ScrollData	▪	▪	NULL	copied	stored
ScrollType	▪		ZAF_VERTICAL_SCROLL	copied	stored