

Excel + VBA

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# Dialogfenster

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Beschreibung:

Dialogs ist eine Auflistung aller Dialog-Objekte. Es kann kein Dialog-Objekt gelöscht oder neu hinzugefügt werden.

Anwendungs-Datei: AE-013\_Dialogfenster.xlsm

## 1 Die Objektliste Dialogs

Über das Attribut *Dialogs.Count* kann die Anzahl verfügbarer Dialog-Objekte bestimmt werden. Dargestellt werden Dialog-Objekte mit der Show-Methode.

```
Sub Test
    Application.Dialogs (Dialogfeldkonstante) .Show
End Sub
```

Einzelne Dialog-Objekte lassen sich in der Dialogs-Objektliste (Dialogfeldkonstante) ansprechen. Der Name der Dialogfeldkonstanten setzt sich aus der Präfix *xlDialog* und dem Namen des Dialogfeldes zusammen. So lautet beispielsweise die Konstante für das Dialogfeld Datei suchen *xlDialogFindFile*. Am Ende dieses Kapitels finden Sie eine Liste aller integrierten Konstanten.

## 2 Dateien und Dialogs

Excel-VBA stellt zwei Methoden bereit, um Dateinamen mithilfe der normalen Datei-Dialoge zu ermitteln:

- *GetOpenFilename()* für die Auswahl einer vorhandenen Datei und
- *GetSaveAsFilename()* für die Angabe einer neuen Datei unter Beachtung gültiger Pfade und Benennung.

Beide Dialogfenster unterscheiden sich optisch nicht voneinander. Der Unterschied besteht darin, dass *GetSaveAsFilename()* die Angabe eines neuen, noch nicht vorhandenen Dateinamens erlaubt. Bei *GetOpenFilename()* muss die Datei vorhanden sein.

## 3 System-Datei-Dialoge nutzen

Nachfolgend eine einfache Möglichkeit zum Aufruf des DateiÖffnen-Dialogs.

*Codeliste 1. Dialogfenster GetOpenFilename*

```
Sub ÖffneDatei ()
    Dim varDatei As Variant
    varDatei = Application.GetOpenFilename ()
    If varDatei = False Then
        MsgBox "Abgebrochen!", vbInformation
    Else
        MsgBox "Wahl:" & vbCrLf & varDatei
    End If
End Sub
```

## 4 Anhang

*Tabelle 1. Dialogfeldkonstante*

Konstante	Argumentliste(n)
xlDialogActivate	window_text, pane_num

Konstante	Argumentliste(n)
xlDialogActiveCellFont	font, font_style, size, strikethrough, superscript, subscript, outline, shadow, underline, color, normal, background, start_char, char_count
xlDialogAddChartAutoformat	name_text, desc_text
xlDialogAddinManager	operation_num, addinname_text, copy_logical
xlDialogAlignment	horiz_align, wrap, vert_align, orientation, add_indent
xlDialogApplyNames	name_array, ignore, use_rowcol, omit_col, omit_row, order_num, append_last
xlDialogApplyStyle	style_text
xlDialogAppMove	x_num, y_num
xlDialogAppSize	x_num, y_num
xlDialogArrangeAll	arrange_num, active_doc, sync_horiz, sync_vert
xlDialogAssignToObject	macro_ref
xlDialogAssignToTool	bar_id, position, macro_ref
xlDialogAttachText	attach_to_num, series_num, point_num
xlDialogAttachToolbars	
xlDialogAutoCorrect	correct_initial_caps, capitalize_days
xlDialogAxes	x_primary, y_primary, x_secondary, y_secondary
xlDialogAxes	x_primary, y_primary, z_primary
xlDialogBorder	outline, left, right, top, bottom, shade, outline_color, left_color, right_color, top_color, bottom_color
xlDialogCalculation	type_num, iter, max_num, max_change, update, precision, date_1904, calc_save, save_values, alt_exp, alt_form
xlDialogCellProtection	locked, hidden
xlDialogChangeLink	old_text, new_text, type_of_link

Konstante	Argumentliste(n)
xlDialogChartAddData	ref, rowcol, titles, categories, replace, series
xlDialogChartLocation	
xlDialogChartOptionsDataLabels	
xlDialogChartOptionsDataTable	
xlDialogChartSourceData	
xlDialogChartTrend	type, ord_per, forecast, backcast, intercept, equation, r_squared, name
xlDialogChartType	
xlDialogChartWizard	long, ref, gallery_num, type_num, plot_by, categories, ser_titles, legend, title, x_title, y_title, z_title, number_cats, number_titles
xlDialogCheckboxProperties	value, link, accel_text, accel2_text, 3d_shading
xlDialogClear	type_num
xlDialogColorPalette	file_text
xlDialogColumnWidth	width_num, reference, standard, type_num, standard_num
xlDialogCombination	type_num
xlDialogConditionalFormatting	
xlDialogConsolidate	source_refs, function_num, top_row, left_col, create_links
xlDialogCopyChart	size_num
xlDialogCopyPicture	appearance_num, size_num, type_num
xlDialogCreateNames	top, left, bottom, right
xlDialogCreatePublisher	file_text, appearance, size, formats
xlDialogCustomizeToolbar	category
xlDialogCustomViews	

Konstante	Argumentliste(n)
xlDialogDataDelete	
xlDialogDataLabel	show_option, auto_text, show_key
xlDialogDataSeries	rowcol, type_num, date_num, step_value, stop_value, trend
xlDialogDataValidation	
xlDialogDefineName	name_text, refers_to, macro_type, shortcut_text, hidden, category, local
xlDialogDefineStyle	style_text, number, font, alignment, border, pattern, protection
xlDialogDefineStyle	style_text, attribute_num, additional_def_args, ...
xlDialogDeleteFormat	format_text
xlDialogDeleteName	name_text
xlDialogDemote	row_col
xlDialogDisplay	formulas, gridlines, headings, zeros, color_num, reserved, outline, page_breaks, object_num
xlDialogDisplay	cell, formula, value, format, protection, names, precedents, dependents, note
xlDialogEditboxProperties	validation_num, multiline_logical, vscroll_logical, password_logical
xlDialogEditColor	color_num, red_value, green_value, blue_value
xlDialogEditDelete	shift_num
xlDialogEditionOptions	edition_type, edition_name, reference, option, appearance, size, formats
xlDialogEditSeries	series_num, name_ref, x_ref, y_ref, z_ref, plot_order
xlDialogErrorbarX	include, type, amount, minus
xlDialogErrorbarY	include, type, amount, minus

Konstante	Argumentliste(n)
xlDialogExternalDataProperties	
xlDialogExtract	unique
xlDialogFileDelete	file_text
xlDialogFileSharing	
xlDialogFillGroup	type_num
xlDialogFillWorkgroup	type_num
xlDialogFilter	
xlDialogFilterAdvanced	operation, list_ref, criteria_ref, copy_ref, unique
xlDialogFindFile	
xlDialogFont	name_text, size_num
xlDialogFontProperties	font, font_style, size, strikethrough, superscript, subscript, outline, shadow, underline, color, normal, background, start_char, char_count
xlDialogFormatAuto	format_num, number, font, alignment, border, pattern, width
xlDialogFormatChart	layer_num, view, overlap, angle, gap_width, gap_depth, chart_depth, doughnut_size, axis_num, drop, hilo, up_down, series_line, labels, vary
xlDialogFormatCharttype	apply_to, group_num, dimension, type_num
xlDialogFormatFont	color, backgd, apply, name_text, size_num, bold, italic, underline, strike, outline, shadow, object_id, start_num, char_num
xlDialogFormatFont	name_text, size_num, bold, italic, underline, strike, color, outline, shadow
xlDialogFormatFont	name_text, size_num, bold, italic, underline, strike, color, outline, shadow, object_id_text, start_num, char_num
xlDialogFormatLegend	position_num

Konstante	Argumentliste(n)
xlDialogFormatMain	type_num, view, overlap, gap_width, vary, drop, hilo, angle, gap_depth, chart_depth, up_down, series_line, labels, doughnut_size
xlDialogFormatMove	x_offset, y_offset, reference
xlDialogFormatMove	x_pos, y_pos
xlDialogFormatMove	explosion_num
xlDialogFormatNumber	format_text
xlDialogFormatOverlay	type_num, view, overlap, gap_width, vary, drop, hilo, angle, series_dist, series_num, up_down, series_line, labels, doughnut_size
xlDialogFormatSize	width, height
xlDialogFormatSize	x_off, y_off, reference
xlDialogFormatText	x_align, y_align, orient_num, auto_text, auto_size, show_key, show_value, add_indent
xlDialogFormulaFind	text, in_num, at_num, by_num, dir_num, match_case, match_byte
xlDialogFormulaGoto	reference, corner
xlDialogFormulaReplace	find_text, replace_text, look_at, look_by, active_cell, match_case, match_byte
xlDialogFunctionWizard	
xlDialogGallery3dArea	type_num
xlDialogGallery3dBar	type_num
xlDialogGallery3dColumn	type_num
xlDialogGallery3dLine	type_num
xlDialogGallery3dPie	type_num
xlDialogGallery3dSurface	type_num

Konstante	Argumentliste(n)
xlDialogGalleryArea	type_num, delete_overlay
xlDialogGalleryBar	type_num, delete_overlay
xlDialogGalleryColumn	type_num, delete_overlay
xlDialogGalleryCustom	name_text
xlDialogGalleryDoughnut	type_num, delete_overlay
xlDialogGalleryLine	type_num, delete_overlay
xlDialogGalleryPie	type_num, delete_overlay
xlDialogGalleryRadar	type_num, delete_overlay
xlDialogGalleryScatter	type_num, delete_overlay
xlDialogGoalSeek	target_cell, target_value, variable_cell
xlDialogGridlines	x_major, x_minor, y_major, y_minor, z_major, z_minor, 2D_effect
xlDialogImportTextFile	
xlDialogInsert	shift_num
xlDialogInsertHyperlink	
xlDialogInsertNameLabel	
xlDialogInsertObject	object_class, file_name, link_logical, display_icon_logical, icon_file, icon_number, icon_label
xlDialogInsertPicture	file_name, filter_number
xlDialogInsertTitle	chart, y_primary, x_primary, y_secondary, x_secondary
xlDialogLabelProperties	accel_text, accel2_text, 3d_shading
xlDialogListboxProperties	range, link, drop_size, multi_select, 3d_shading



Konstante	Argumentliste(n)
xlDialogMacroOptions	macro_name, description, menu_on, menu_text, shortcut_on, shortcut_key, function_category, status_bar_text, help_id, help_file
xlDialogMailEditMailer	to_recipients, cc_recipients, bcc_recipients, subject, enclosures, which_address
xlDialogMailLogon	name_text, password_text, download_logical
xlDialogMailNextLetter	
xlDialogMainChart	type_num, stack, 100, vary, overlap, drop, hilo, overlap%, cluster, angle
xlDialogMainChartType	type_num
xlDialogMenuEditor	
xlDialogMove	x_pos, y_pos, window_text
xlDialogNew	type_num, xy_series, add_logical
xlDialogNewWebQuery	
xlDialogNote	add_text, cell_ref, start_char, num_chars
xlDialogObjectProperties	placement_type, print_object
xlDialogObjectProtection	locked, lock_text
xlDialogOpen	file_text, update_links, read_only, format, prot_pwd, write_res_pwd, ignore_rorec, file_origin, custom_delimit, add_logical, editable, file_access, notify_logical, converter
xlDialogOpenLinks	document_text1, document_text2, ..., read_only, type_of_link
xlDialogOpenMail	subject, comments
xlDialogOpenText	file_name, file_origin, start_row, file_type, text_qualifier, consecutive_delim, tab, semicolon, comma, space, other, other_char, field_info
xlDialogOptionsCalculation	type_num, iter, max_num, max_change, update, precision, date_1904, calc_save, save_values

Konstante	Argumentliste(n)
xlDialogOptionsChart	display_blanks, plot_visible, size_with_window
xlDialogOptionsEdit	incell_edit, drag_drop, alert, entermove, fixed, decimals, copy_objects, update_links, move_direction, autocomplete, animations
xlDialogOptionsGeneral	RIC1_mode, dde_on, sum_info, tips, recent_files, old_menus, user_info, font_name, font_size, default_location, alternate_location, sheet_num, enable_under
xlDialogOptionsListsAdd	string_array
xlDialogOptionsListsAdd	import_ref, by_row
xlDialogOptionsME	def_rtl_sheet, csr_mvmt, show_ctrl_char, gui_lang
xlDialogOptionsTransition	menu_key, menu_key_action, nav_keys, trans_eval, trans_entry
xlDialogOptionsView	formula, status, notes, show_info, object_num, page_breaks, formulas, gridlines, color_num, headers, outline, zeros, hor_scroll, vert_scroll, sheet_tabs
xlDialogOutline	auto_styles, row_dir, col_dir, create_apply
xlDialogOverlay	type_num, stack, 100, vary, overlap, drop, hilo, overlap%, cluster, angle, series_num, auto
xlDialogOverlayChartType	type_num
xlDialogPageSetup	head, foot, left, right, top, bot, hdng, grid, h_cntr, v_cntr, orient, paper_size, scale, pg_num, pg_order, bw_cells, quality, head_margin, foot_margin, notes, draft
xlDialogPageSetup	head, foot, left, right, top, bot, size, h_cntr, v_cntr, orient, paper_size, scale, pg_num, bw_chart, quality, head_margin, foot_margin, draft
xlDialogPageSetup	head, foot, left, right, top, bot, orient, paper_size, scale, quality, head_margin, foot_margin, pg_num
xlDialogParse	parse_text, destination_ref
xlDialogPasteNames	

Konstante	Argumentliste(n)
xlDialogPasteSpecial	paste_num, operation_num, skip_blanks, transpose
xlDialogPasteSpecial	rowcol, titles, categories, replace, series
xlDialogPasteSpecial	paste_num
xlDialogPasteSpecial	format_text, pastelink_logical, display_icon_logical, icon_file, icon_number, icon_label
xlDialogPatterns	apattern, afore, aback, newui
xlDialogPatterns	lauto, lstyle, lcolor, lwt, hwidth, hlength, htype
xlDialogPatterns	bauto, bstyle, bcolor, bwt, shadow, aauto, apattern, afore, aback, rounded, newui
xlDialogPatterns	bauto, bstyle, bcolor, bwt, shadow, aauto, apattern, afore, aback, invert, apply, newfill
xlDialogPatterns	lauto, lstyle, lcolor, lwt, tmajor, tminor, tlabel
xlDialogPatterns	lauto, lstyle, lcolor, lwt, apply, smooth
xlDialogPatterns	lauto, lstyle, lcolor, lwt, mauto, mstyle, mfore, mback, apply, smooth
xlDialogPatterns	type, picture_units, apply
xlDialogPhonetic	
xlDialogPivotCalculatedField	
xlDialogPivotCalculatedItem	
xlDialogPivotClientServerSet	
xlDialogPivotFieldGroup	start, end, by, periods
xlDialogPivotFieldProperties	name, pivot_field_name, new_name, orientation, function, formats
xlDialogPivotFieldUngroup	

Konstante	Argumentliste(n)
xlDialogPivotShowPages	name, page_field
xlDialogPivotSolveOrder	
xlDialogPivotTableOptions	
xlDialogPivotTableWizard	type, source, destination, name, row_grand, col_grand, save_data, apply_auto_format, auto_page, reserved
xlDialogPlacement	placement_type
xlDialogPrint	range_num, from, to, copies, draft, preview, print_what, color, feed, quality, y_resolution, selection, printer_text, print_to_file, collate
xlDialogPrinterSetup	printer_text
xlDialogPrintPreview	
xlDialogPromote	rowcol
xlDialogProperties	title, subject, author, keywords, comments
xlDialogProtectDocument	contents, windows, password, objects, scenarios
xlDialogProtectSharing	
xlDialogPublishAsWebPage	
xlDialogPushbuttonProperties	default_logical, cancel_logical, dismiss_logical, help_logical, accel_text, accel_text2
xlDialogReplaceFont	font_num, name_text, size_num, bold, italic, underline, strike, color, outline, shadow
xlDialogRoutingSlip	recipients, subject, message, route_num, return_logical, status_logical
xlDialogRowHeight	height_num, reference, standard_height, type_num
xlDialogRun	reference, step
xlDialogSaveAs	document_text, type_num, prot_pwd, backup, write_res_pwd, read_only_rec

Konstante	Argumentliste(n)
xlDialogSaveCopyAs	document_text
xlDialogSaveNewObject	
xlDialogSaveWorkbook	document_text, type_num, prot_pwd, backup, write_res_pwd, read_only_rec
xlDialogSaveWorkspace	name_text
xlDialogScale	cross, cat_labels, cat_marks, between, max, reverse
xlDialogScale	min_num, max_num, major, minor, cross, logarithmic, reverse, max
xlDialogScale	cat_labels, cat_marks, reverse, between
xlDialogScale	series_labels, series_marks, reverse
xlDialogScale	min_num, max_num, major, minor, cross, logarithmic, reverse, min
xlDialogScenarioAdd	scen_name, value_array, changing_ref, scen_comment, locked, hidden
xlDialogScenarioCells	changing_ref
xlDialogScenarioEdit	scen_name, new_scenname, value_array, changing_ref, scen_comment, locked, hidden
xlDialogScenarioMerge	source_file
xlDialogScenarioSummary	result_ref, report_type
xlDialogScrollbarProperties	value, min, max, inc, page, link, 3d_shading
xlDialogSelectSpecial	type_num, value_type, levels
xlDialogSendMail	recipients, subject, return_receipt
xlDialogSeriesAxes	axis_num
xlDialogSeriesOptions	
xlDialogSeriesOrder	chart_num, old_series_num, new_series_num

Konstante	Argumentliste(n)
xlDialogSeriesShape	
xlDialogSeriesX	x_ref
xlDialogSeriesY	name_ref, y_ref
xlDialogSetBackgroundPicture	
xlDialogSetPrintTitles	titles_for_cols_ref, titles_for_rows_ref
xlDialogSetUpdateStatus	link_text, status, type_of_link
xlDialogShowDetail	rowcol, rowcol_num, expand, show_field
xlDialogShowToolbar	bar_id, visible, dock, x_pos, y_pos, width, protect, tool_tips, large_buttons, color_buttons
xlDialogSize	width, height, window_text
xlDialogSort	orientation, key1, order1, key2, order2, key3, order3, header, custom, case
xlDialogSort	orientation, key1, order1, type, custom
xlDialogSortSpecial	sort_by, method, key1, order1, key2, order2, key3, order3, header, order, case
xlDialogSplit	col_split, row_split
xlDialogStandardFont	name_text, size_num, bold, italic, underline, strike, color, outline, shadow
xlDialogStandardWidth	standard_num
xlDialogStyle	bold, italic
xlDialogSubscribeTo	file_text, format_num
xlDialogSubtotalCreate	at_change_in, function_num, total, replace, pagebreaks, summary_below
xlDialogSummaryInfo	title, subject, author, keywords, comments
xlDialogTable	row_ref, column_ref

Konstante	Argumentliste(n)
xlDialogTabOrder	
xlDialogTextToColumns	destination_ref, data_type, text_delim, consecutive_delim, tab, semicolon, comma, space, other, other_char, field_info
xlDialogUnhide	window_text
xlDialogUpdateLink	link_text, type_of_link
xlDialogVbaInsertFile	filename_text
xlDialogVbaMakeAddIn	
xlDialogVbaProcedureDefinition	
xlDialogView3d	elevation, perspective, rotation, axes, height%, autoscale
xlDialogWebOptionsEncoding	
xlDialogWebOptionsFiles	
xlDialogWebOptionsFonts	
xlDialogWebOptionsGeneral	
xlDialogWebOptionsPictures	
xlDialogWindowMove	x_pos, y_pos, window_text
xlDialogWindowSize	width, height, window_text
xlDialogWorkbookAdd	name_array, dest_book, position_num
xlDialogWorkbookCopy	name_array, dest_book, position_num
xlDialogWorkbookInsert	type_num
xlDialogWorkbookMove	name_array, dest_book, position_num
xlDialogWorkbookName	oldname_text, newname_text
xlDialogWorkbookNew	
xlDialogWorkbookOptions	sheet_name, bound_logical, new_name

Konstante	Argumentliste(n)
xlDialogWorkbookProtect	structure, windows, password
xlDialogWorkbookTabSplit	ratio_num
xlDialogWorkbookUnhide	sheet_text
xlDialogWorkgroup	name_array
xlDialogWorkspace	fixed, decimals, r1c1, scroll, status, formula, menu_key, remote, entermove, underlines, tools, notes, nav_keys, menu_key_action, drag_drop, show_info
xlDialogZoom	magnification