

Project "D:\Tests\CrunchCode_CrunchCode_Example.xlsm"

Processing level: "Analysis"

General informations

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Application name: Microsoft Excel | Creation date: 11.01.2008 14:30:54
Company: IDBE Avenius |

Statistics

VBA modules: 13
source-code lines: 1.006 from those net VBA: 962
comments: 107

Total identifiers: 335
from those:
Standard modules: 3 Class modules: 1
UserForms: 4 UserForm elem.: 22
Procedures: 65 Functions: 21
Constants: 47 Variables: 145
Enum definitions: 1 Enum elements: 2
Type definitions: 8 Type elements: 15
Labels: 1

Worksheets: 4
named ranges: 1 graph. elements: 27
formulas: 10 with functions: 10

Constant values: 169

Character strings: 238

Processing time (mm:ss): 00:05

Analysis result

(Note: You find more results of analysis for the project in the start menu under "Project..." -> "Reports")

1. Identifiers

(+) Identifiers, which will camouflaged incompletely: 24
(x) Identifiers, which will NOT camouflaged: 35

module	line	only locally in	type	identifier	remark (see below)
CrunchTestModull	8	module	Constant	ATest	not used
CrunchTestModull	3	module	Constant	AWidth	not used
Main	86	--	Type element	Abbrechen	unused Type element
Main	84	--	Type definition	Action	(x) VBA keyword
Main	36	--	Variable	Activate	(x) VBA keyword
CrunchTestModull	108	--	Procedure	AlsoTest	not used
CrunchTestModull	70	--	Procedure	AlsoWidth	not used
Sheet2	--	--	Control element	ArrowButton	
Sheet2	--	--	Control element	ArrowLeft	
Sheet2	--	--	Control element	ArrowRight	
Main	531	--	Procedure	Auto_Close	(x) VBA event handler
Main	429	--	Procedure	Auto_Open	(x) VBA event handler
Main	78	--	Type definition	Break	
Sheet2	20	procedure	Variable	Button	
Tabelle2	--	--	Control element	Button1	
WidthTest	--	--	CommandButton	Button1	used only in strings

WidthTest	3	module	WidthTest	Procedure	Button1_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	3	module	Tab	Procedure	Button1_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	--	--		CommandButton	Button2	
Tabelle2	--	--		Control element	Button2_ActiveX	
Tabelle2	15	--		Procedure	Button2_ActiveX_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	7	module	WidthTest	Procedure	Button2_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	11	module	WidthTest	Procedure	Button3_Click	(x) Object "Button3" not found
UserForm1	16	module	UserForm1	Procedure	ButtonNotExist_cc_Click	(x) Object "ButtonNotExist_cc" not found
UserForm1	--	--		CommandButton	ButtonOff_cc	
UserForm1	11	--		Procedure	ButtonOff_cc_Click	(+) will be camouflaged incompletely because VBA event routine
UserForm1	--	--		CommandButton	ButtonOn_cc	
UserForm1	6	module	UserForm1	Procedure	ButtonOn_cc_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	--	--		CommandButton	ButtonUnused	used only in strings
CrunchTestModul2	3	--		Constant	CHKNAME_MODULES3	not used
CrunchTestModul2	4	--		Constant	CHKNAME_VAR1	not used
Main	23	--		Constant	CHKNAME_VAR2	
Main	24	--		Constant	CHKNAME_VAR3	not used
Main	22	--		Constant	CLEARDATE_BUTTON	
Main	4	module	Main	Constant	COMPVAR1	
Main	99	procedure	Tests	Variable	COMPVAR1	
Main	5	module	Main	Constant	CONDITION	
WidthTest	--	--		CommandButton	Cancel	(x) VBA keyword
WidthTest	15	module	WidthTest	Procedure	Cancel_Click	(x) not camouflaged because event routine and corresponding element uncamouflaged
UserForm1	--	--		CommandButton	Cancel_cc	
UserForm1	21	module	UserForm1	Procedure	Cancel_cc_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	--	--		Control element	CheckBox1	
Tabelle2	21	module	Tab	Procedure	CheckBox1_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	--	--		Control element	CheckBox2	
Tabelle2	27	module	Tab	Procedure	CheckBox2_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	--	--		Control element	ClearDate	
Main	136	--		Procedure	ClearDate	
Main	85	--		Type element	Continue	unused Type element
WidthTest	--	--		Frame	ConversionGroup	
--	--	--		Standard module	CrunchTestModul1	
--	--	--		Standard module	CrunchTestModul2	
Main	619	--		Function	Dez2Hex	
Main	3	module	Main	Constant	EXCEL2007	
Main	25	--		Constant	EXT_LIST	not used
Tabelle2	45	module	Tab	Procedure	ElementNotExist_Click	(x) Object "ElementNotExist" not found
Main	26	--		Constant	FOUNDLIST	used only in strings
Main	252	--		Procedure	GetEnabled	(x) Identifier is external link
Main	71	module	Main	Function	GetPrivateProfileSection	(x) Identifier is external link
Main	63	--		Function	GetPrivateProfileString	(x) Identifier is external link
Main	256	--		Procedure	GetVisible	(x) Identifier is external link
Tabelle2	--	--		Control element	GotoChart	
Tabelle2	33	module	Tab	Procedure	GotoChart_Click	(+) will be camouflaged incompletely because VBA event routine
Sheet2	--	--		Control element	GotoTab	
Sheet2	3	module	Test	Procedure	GotoTab_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	--	--		Control element	GotoTest	
Tabelle2	37	module	Tab	Procedure	GotoTest_Click	(+) will be camouflaged incompletely because VBA event routine
Main	598	--		Function	Hex2Dez	
WidthTest	--	--		Label	InputTxt	
Main	206	--		Procedure	KlickAufBild	
Main	185	--		Procedure	Klick_ArrowButton	not used
Main	178	--		Procedure	Klick_ArrowLeft	not used
Main	169	--		Procedure	Klick_ArrowRight	
Main	192	--		Procedure	Klick_GroupArrowButton	
Main	163	--		Procedure	Klick_GroupStarButton	
Main	156	--		Procedure	Klick_Star	not used
Main	198	--		Procedure	Klick_SuperGroup	not used
Main	50	--		Enum definition	LPARAMENUM	
Main	45	--		Type definition	LPARAMTYPE	
WidthTest	--	--		Label	Label	(x) VBA keyword
LabelTest	--	--		Label	Label1	
LabelTest	--	--		Label	Label2	
LabelTest	--	--		Label	Label3	
--	--	--		UserForm	LabelTest	
Main	80	--		Type element	Later	

Sheet2	--	--	Control element	Legende mit Linie 2 13	
Main	27	--	Constant	MULTIUSED	
Main	586	procedure	Variable	MULTIUSED	
Main	102	procedure	Variable	MULTIUSED	
Main	151	procedure	Constant	MULTIUSED	
UserForm1	4	module	Variable	MULTIUSED_cc	
--	--	--	Standard module	Main	
Main	87	--	Type element	Meldung	unused Type element
CrunchTestModul1	29	--	Procedure	MemberOfMultiArray	not used
Main	81	--	Type element	Message	(x) VBA keyword
CrunchTestModul1	44	module	Function	MultiProc	used only in strings
Main	210	module	Function	MultiProc	used only in strings
CrunchTestModul2	13	module	Function	MultiProc	used only in strings
Main	79	--	Type element	Now	(x) VBA keyword
WidthTest	--	--	TextBox	NumberInput	
WidthTest	19	module	Procedure	NumberInput_Change	(+) will be camouflaged incompletely because VBA event routine
WidthTest	--	--	CommandButton	OK	used only in strings
LabelTest	--	--	CommandButton	OK	used only in strings
WidthTest	27	module	Procedure	OK_Click	(+) will be camouflaged incompletely because VBA event routine
LabelTest	3	module	Procedure	OK_Click	(+) will be camouflaged incompletely because VBA event routine
Main	260	--	Procedure	OnActionButton	(x) Identifier is external link
Main	248	--	Procedure	OnRibbonLoad	(x) Identifier is external link
WidthTest	--	--	OptionButton	Option1	
WidthTest	57	module	Procedure	Option1_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	--	--	OptionButton	Option2	
WidthTest	61	module	Procedure	Option2_Click	(+) will be camouflaged incompletely because VBA event routine
WidthTest	--	--	OptionButton	OptionUnused	used only in strings
Main	28	--	Constant	PWID	not used
Main	585	--	Procedure	Pic1	
Sheet2	--	--	Control element	Picture1	
Tabelle2	--	--	Control element	Picture1	
Tabelle2	41	--	Procedure	Picture1_Click	(+) will be camouflaged incompletely because VBA event routine
Sheet2	7	module	Procedure	Picture1_Click	(+) will be camouflaged incompletely because VBA event routine
Tabelle2	--	--	Control element	Picture2	
Sheet2	--	--	Control element	Picture2	
Sheet2	--	--	Control element	Picture3	
Diagramm1	3	--	Procedure	ReturnToTab	
Diagramm1	--	--	Control element	ReturnToTab	
Main	29	--	Constant	SHAPE_NAME	
Main	30	--	Constant	SHORT_TXT_CONST	not used
Main	91	module	Constant	SINGLECONST	
Main	93	module	Constant	SINGLECONST	
Sheet2	--	--	Control element	Schaltfläche1	
Sheet2	11	module	Procedure	Schaltfläche1_Click	(+) will be camouflaged incompletely because VBA event routine
Sheet2	16	module	Procedure	Schaltfläche1_LostFocus	(+) will be camouflaged incompletely because VBA event routine
Sheet2	20	module	Procedure	Schaltfläche1_MouseMove	(+) will be camouflaged incompletely because VBA event routine
Sheet2	--	--	Control element	Schaltfläche2_ActiveX	
Sheet2	24	module	Procedure	Schaltfläche2_ActiveX_Click	(+) will be camouflaged incompletely because VBA event routine
Main	57	module	Function	SendMessage	(x) Identifier is external link
Main	59	module	Function	SendMessage	(x) Identifier is external link
Sheet2	20	procedure	Variable	Shift	
Sheet2	--	--	Control element	Star	
Sheet2	--	--	Control element	StarButton	
Sheet1	--	--	Control element	StartButton	
Sheet1	3	module	Procedure	StartButton_Click	(+) will be camouflaged incompletely because VBA event routine
Main	7	module	Constant	TEST_CONST_A	not used
Main	7	module	Constant	TEST_CONST_B	not used
Main	8	module	Constant	TEST_CONST_C	not used
Main	9	module	Constant	TEST_CONST_D	not used
Main	10	module	Constant	TEST_CONST_E	not used
Main	20	module	Constant	TEST_CONST_F	not used
Main	20	module	Constant	TEST_CONST_G	not used
Main	11	module	Constant	TSTADDITION	
Main	20	module	Constant	TSTADDITION2	not used
Main	12	module	Constant	TSTKOMBI_A	not used
Main	13	module	Constant	TSTKOMBI_B	not used
Main	20	module	Constant	TSTKOMBI_C	not used
Main	20	module	Constant	TSTKOMBI_D	not used

Main	14	module	Main	Constant	TSTTEXTMITKOMMA	not used
Main	15	module	Main	Constant	TSTTEXT_WITH_BRACKETS_A	not used
Main	16	module	Main	Constant	TSTTEXT_WITH_BRACKETS_B	not used
Main	20	module	Main	Constant	TSTTEXT_WITH_BRACKETS_D	not used
Main	20	module	Main	Constant	TSTTEXT_WITH_BRACKET_C	not used
Main	20	module	Main	Constant	TSTYY2	not used
CrunchTestModul1	4	--		Type definition	TWidth	not used
Main	17	module	Main	Constant	TXTTST1	
Main	18	module	Main	Constant	TXTTST2	
Main	19	module	Main	Constant	TXTTST3	not used
Tabelle2	--	--		Control element	Tab	
TestClass	13	--		Property Let	Test	
CrunchTestModul2	7	module	CrunchTestModul2	Constant	Test	
CrunchTestModul1	11	--		Type element	Test	
CrunchTestModul2	10	--		Type element	Test	
CrunchTestModul1	10	--		Type definition	Test	
TestClass	17	--		Property Get	Test	
CrunchTestModul1	114	--		Variable	Test	
Main	31	--		Constant	Test	
CrunchTestModul1	14	module	CrunchTestModul1	Variable	Test	used only in strings
CrunchTestModul1	98	--		Procedure	TestA	not used
--	--	--		Class module	TestClass	
Main	215	--		Procedure	TestLParam	not used
Main	277	--		Procedure	TestSub1	not used
Main	344	--		Procedure	TestSub2	used only in strings
Main	405	module	Main	Procedure	TestSub3	not used
Main	423	module	Main	Procedure	TestSub4	used only in strings
Main	340	procedure	TestSub1	Jump label	TestSubExit	
Main	149	--		Function	TestWorksheetFunktion	(x) Identifier is used in worksheet formulas
Main	97	--		Procedure	Tests	
Sheet2	--	--		Control element	Titel	
Main	237	--		Function	Tst	
CrunchTestModul1	17	--		Type definition	Tst1	
CrunchTestModul1	22	--		Type definition	Tst2	
Main	242	--		Function	Tst2	
WithoutActivate	--	--		Label	Txt	
Main	228	--		Procedure	TxtTst	
UserForm1	--	--		Label	Txt_cc	
UserForm1	--	--		CommandButton	Unused_cc	not used
--	--	--		UserForm	UserForm1	
Main	140	--		Function	UserFormTest	
UserForm1	25	module	UserForm1	Procedure	UserForm_Activate	(x) VBA event handler
WidthTest	65	module	WidthTest	Procedure	UserForm_Activate	(x) VBA event handler
WithoutActivate	2	module	WithoutActivate	Procedure	UserForm_Initialize	(x) VBA event handler
Main	32	--		Constant	VBA7	(x) VBA keyword
Main	33	--		Constant	VERY_LONG_TXT_CONST	
Main	37	--		Variable	Value	(x) VBA keyword
Main	34	--		Constant	WORKSHEET_NAME	
CrunchTestModul2	9	--		Type definition	WTest	not used
TestClass	5	--		Property Let	Width	(x) VBA keyword
CrunchTestModul1	5	--		Type element	Width	(x) VBA keyword
CrunchTestModul1	86	--		Function	Width	(x) VBA keyword
TestClass	9	--		Property Get	Width	(x) VBA keyword
--	--	--		UserForm	WidthTest	
--	--	--		UserForm	WithoutActivate	not used
ThisWorkbook	3	module	ThisWorkbook	Procedure	Workbook_Activate	(x) VBA event handler
ThisWorkbook	8	module	ThisWorkbook	Procedure	Workbook_Deactivate	(x) VBA event handler
ThisWorkbook	12	module	ThisWorkbook	Procedure	Workbook_Open	(x) VBA event handler
Sheet2	20	procedure	Schaltfläche1_MouseMove	Variable	Y	
Main	277	procedure	TestSub1	Variable	a01	not used
Main	277	procedure	TestSub1	Variable	a02	not used
Main	277	procedure	TestSub1	Variable	a03	not used
Main	277	procedure	TestSub1	Variable	a04	not used
Main	277	procedure	TestSub1	Variable	a05	not used
Main	277	procedure	TestSub1	Variable	a06	not used
Main	277	procedure	TestSub1	Variable	a07	not used
Main	277	procedure	TestSub1	Variable	a08	not used
Main	277	procedure	TestSub1	Variable	a09	not used

Main	38	--	Variable	a1	
Main	277	procedure TestSub1	Variable	a10	not used
Main	277	procedure TestSub1	Variable	a11	not used
Main	38	--	Variable	a2	
Main	38	--	Variable	a3	
Main	39	--	Variable	aaaa	not used
CrunchTestModull	94	--	Variable	bByte	
CrunchTestModull	65	--	Variable	bByte2	
Main	39	--	Variable	bbbb	not used
Main	40	--	Variable	booAutoCloseRun	
Main	536	procedure Auto_Close	Variable	booFound	
Main	606	procedure Hex2Dez	Variable	bytExp	
Main	619	procedure Dez2Hex	Variable	bytMinAnz	
Main	537	procedure Auto_Close	Variable	bytPos	
Main	39	--	Variable	cccc	not used
Main	430	procedure Auto_Open	Variable	cmdBar	not used
Main	626	procedure Dez2Hex	Variable	dblInput	
WidthTest	29	procedure OK_Click	Variable	dblNum	
Main	605	procedure Hex2Dez	Variable	dblOut	
Main	628	procedure Dez2Hex	Variable	dblRest	
Main	619	procedure Dez2Hex	Variable	dblVal	
Main	59	procedure SendMessage	Variable	hwnd	(x) VBA keyword
Main	57	procedure SendMessage	Variable	hwnd	(x) VBA keyword
Main	607	procedure Hex2Dez	Variable	intCnt	
Main	431	procedure Auto_Open	Variable	intHelpMenuPos	
Main	41	--	Variable	intID	used only in strings
Main	260	procedure OnActionButton	Variable	irControl	
Main	256	procedure GetVisible	Variable	irControl	
Main	252	procedure GetEnabled	Variable	irControl	
Main	248	procedure OnRibbonLoad	Variable	irRibbon	
Main	215	procedure TestLParam	Variable	lEnumTst	
Main	59	procedure SendMessage	Variable	lParam	
Main	57	procedure SendMessage	Variable	lParam	
Main	47	--	Type element	lParam	
Main	21	module Main	Constant	lParam	
Main	51	--	Enum element	lParam1	
Main	52	--	Enum element	lParam2	unused Enum element
WidthTest	30	procedure OK_Click	Variable	lngCnt	
Main	432	procedure Auto_Open	Variable	lngCnt	
Tabelle2	4	procedure Button1_Click	Variable	lngCnt	
ThisWorkbook	4	procedure Workbook_Activate	Variable	lngOnlyInThisWorkbook	not used
Main	434	procedure Auto_Open	Variable	lngSize	
Main	433	procedure Auto_Open	Variable	lngUserFormCnt	
Main	149	procedure TestWorksheetFunktion	Variable	lngVal	
CrunchTestModull	31	procedure MemberOfMultiArray	Variable	lngX	
WidthTest	20	procedure NumberInput_Change	Variable	lngX	not used
CrunchTestModull	32	procedure MemberOfMultiArray	Variable	lngY	
Main	533	procedure Auto_Close	Variable	lngZ1	not used
Main	71	procedure GetPrivateProfileSection	Variable	lpAppName	
Main	63	procedure GetPrivateProfileString	Variable	lpApplicationName	
Main	63	procedure GetPrivateProfileString	Variable	lpDefault	
Main	63	procedure GetPrivateProfileString	Variable	lpFileName	
Main	71	procedure GetPrivateProfileSection	Variable	lpFileName	
Main	63	procedure GetPrivateProfileString	Variable	lpKeyName	
Main	63	procedure GetPrivateProfileString	Variable	lpReturnedString	
Main	71	procedure GetPrivateProfileSection	Variable	lpReturnedString	
TestClass	3	module TestClass	Variable	m_Test	
Main	71	procedure GetPrivateProfileSection	Variable	nSize	
Main	63	procedure GetPrivateProfileString	Variable	nSize	
CrunchTestModull	99	procedure TestA	Variable	oTest	
CrunchTestModull	54	procedure sWidth	Variable	oWidth	
Main	435	procedure Auto_Open	Variable	objMainMenuBar	
Main	42	--	Variable	objRibbon	
Main	436	procedure Auto_Open	Variable	objSubMenu	
Main	140	procedure UserFormTest	Variable	objUserForm	
Main	587	procedure Pic1	Variable	rngCell	
CrunchTestModull	82	--	Function	s	not used
CrunchTestModull	90	--	Variable	sString	

CrunchTestModull	94	--	Variable	sString	
CrunchTestModull	65	--	Variable	sString2	
CrunchTestModull	86	--	Variable	sWidth	
CrunchTestModull	49	--	Procedure	sWidth	
Main	437	procedure Auto_Open	Variable	strBuffer	
Main	532	procedure Auto_Close	Variable	strDir	not used
Main	140	procedure UserFormTest	Variable	strElemName	
Main	598	procedure Hex2Dez	Variable	strHex	
Main	438	procedure Auto_Open	Variable	strIniFile	
Main	604	procedure Hex2Dez	Variable	strInput	not used
Main	535	procedure Auto_Close	Variable	strName	
CrunchTestModull	15	module CrunchTestModull	Variable	strOnlyInStrings	used only in strings
Main	627	procedure Dez2Hex	Variable	strOut	
Main	43	--	Variable	strProgName	
CrunchTestModull	82	procedure s	Variable	strStr	not used
Main	97	procedure Tests	Variable	strString1	not used
Main	97	procedure Tests	Variable	strString2	not used
CrunchTestModull	6	module CrunchTestModull	Variable	strString2	not used
Main	406	procedure TestSub3	Variable	strStringMitUnd	
Main	98	procedure Tests	Variable	strStringTst	
Main	538	procedure Auto_Close	Variable	strTxt	
WidthTest	28	procedure OK_Click	Variable	strTxt	
Main	346	procedure TestSub2	Variable	strTxt	
Main	229	procedure TxtTst	Variable	strTxt	
Main	439	procedure Auto_Open	Variable	strUserFormList	
CrunchTestModull	23	--	Type element	strX	
CrunchTestModull	18	--	Type element	strX	
CrunchTestModull	19	--	Type element	strY	
CrunchTestModull	24	--	Type element	strY	
Main	405	procedure TestSub3	Variable	strZeichenfolge1	
Main	405	procedure TestSub3	Variable	strZeichenfolge2	not used
Main	440	procedure Auto_Open	Variable	str_List	
Main	443	procedure Auto_Open	Variable	str_Split	
Main	442	procedure Auto_Open	Variable	str_UserFormElements	
Main	441	procedure Auto_Open	Variable	str_UserForms	
Main	284	procedure TestSub1	Variable	timecheck	not used
Main	217	procedure TestLParam	Variable	uLParamTest	
Main	100	procedure Tests	Variable	var2	
Main	101	procedure Tests	Variable	var3	
CrunchTestModull	27	module CrunchTestModull	Variable	varArray1	
CrunchTestModull	30	procedure MemberOfMultiArray	Variable	varArray2	
Main	252	procedure GetEnabled	Variable	varEnabled	
Main	256	procedure GetVisible	Variable	varVisible	
Main	59	procedure SendMessage	Variable	wMsg	
Main	57	procedure SendMessage	Variable	wMsg	
Main	59	procedure SendMessage	Variable	wParam	
Main	57	procedure SendMessage	Variable	wParam	
Main	534	procedure Auto_Close	Variable	wbWorkbook	
Sheet2	20	procedure Schaltfläche1_MouseMove	Variable	x	
CrunchTestModull	71	procedure AlsoWidth	Variable	x	
CrunchTestModull	109	procedure AlsoTest	Variable	x	
TestClass	5	procedure Width	Variable	x	
TestClass	13	procedure Test	Variable	x	
CrunchTestModull	54	procedure sWidth	Variable	x	
CrunchTestModull	99	procedure TestA	Variable	x	
Main	278	procedure TestSub1	Variable	x01	
Main	279	procedure TestSub1	Variable	x02	
Main	279	procedure TestSub1	Variable	x03	
Main	280	procedure TestSub1	Variable	x04	
Main	280	procedure TestSub1	Variable	x05	
Main	281	procedure TestSub1	Variable	x06	
Main	281	procedure TestSub1	Variable	x07	
Main	282	procedure TestSub1	Variable	x08	not used
Main	282	procedure TestSub1	Variable	x09	not used
Main	283	procedure TestSub1	Variable	x10	not used
Main	46	--	Type element	xParam	unused Type element
CrunchTestModull	114	--	Function	xTest	
CrunchTestModull	90	--	Function	xxx	

CrunchTestModul1	94	--	Function	yyy
CrunchTestModul1	65	--	Function	zzz

2. Strings

Proportion of strings with a length up to N characters:

N	%	N	%	N	%	N	%	N	%
1	7%	11	68%	21	89%	31	95%	41	96%
2	8%	12	71%	22	89%	32	95%	42	96%
3	17%	13	71%	23	89%	33	95%	43	96%
4	28%	14	76%	24	90%	34	96%	44	97%
5	42%	15	76%	25	92%	35	96%	45	97%
6	49%	16	78%	26	92%	36	96%	46	97%
7	55%	17	83%	27	92%	37	96%	47	97%
8	58%	18	85%	28	93%	38	96%	48	97%
9	65%	19	85%	29	94%	39	96%	49	97%
10	67%	20	87%	30	94%	40	96%	50	97%

Pos. = sequence number within the line
 Length = total length of the string
 Text = number of letters / digits

module	procedure	line	pos.	length	text	string
CrunchTestModul1		3		5	5	"Width"
CrunchTestModul1		8		3	3	"Tst"
CrunchTestModul1	MemberOfMultiArray	39		3	3	"XXX"
CrunchTestModul1	MemberOfMultiArray	40		3	3	"YYY"
CrunchTestModul1	AlsoWidth	72		6	6	"nonono"
CrunchTestModul1	AlsoWidth	73		3	3	"oho"
CrunchTestModul1	AlsoWidth	74		6	5	"Hallo!"
CrunchTestModul1	AlsoWidth	75		12	9	"Have a look!"
CrunchTestModul1	AlsoWidth	76		5	4	"Look!"
CrunchTestModul1	AlsoWidth	77		10	8	"Look here!"
CrunchTestModul1	AlsoWidth	78		11	8	"Look at me!"
CrunchTestModul1	AlsoWidth	79		94	78	"There is an identifier called ""strOnlyInStrings"" which appears only in this character string"
CrunchTestModul1	s	83		5	5	"Width"
CrunchTestModul1	Width	86		5	5	"Width"
CrunchTestModul1	xxx	90		5	5	"Hallo"
CrunchTestModul1	AlsoTest	111		5	5	"Hallo"
CrunchTestModul1	xTest	114		3	3	"Tst"
CrunchTestModul1	xTest	115		3	3	"Tst"
CrunchTestModul2		3		34	32	"CrunchTestModul1, CrunchTestModul2"
CrunchTestModul2		4		5	5	"intID"
CrunchTestModul2		7		3	3	"Tst"
Diagramm1	ReturnToTab	4		3	3	"Tab"
Main		10	1	6	5	"Text1 "
Main		10	2	5	5	"Text2"
Main		14	1	12	8	"(Haha, Hihi)"
Main		14	2	6	4	"(Hoho)"
Main		15		6	4	"(Hoho)"
Main		16	1	6	4	"(Haha)"
Main		16	2	6	4	"(Hihi)"
Main		17		5	5	"Hallo"
Main		18		4	3	" you"
Main		20	1	5	5	"Hallo"
Main		20	2	6	4	"(Hoho)"
Main		20	3	6	4	"(Haha)"
Main		20	4	6	4	"(Hihi)"
Main		20	5	4	4	"Haha"
Main		20	6	4	4	"Hihi"
Main		21		6	6	"lParam"
Main		22		9	9	"ClearDate"

Main	KlickAufBild	207	2	31	26	"(element with macro assignment)"
Main	TestLParam	222		2	2	"OK"
Main	TestLParam	224		7	7	"strange"
Main	TxtTst	230	1	75	60	"This is a long text which becomes much longer by a very long text-constant "
Main	TxtTst	230	2	77	60	". This is a long text which becomes much longer by a very long text-constant "
Main	TxtTst	230	3	77	60	". This is a long text which becomes much longer by a very long text-constant "
Main	TxtTst	230	4	685	540	". This is a long text which becomes much longer by a very long text-constant. This is a long text which becomes..."
Main	TxtTst	232		37	29	"Something is false if it is not true."
Main	TxtTst	233		61	45	"These are references to the routines ""TestSub2"" and ""Tst"""
Main	TxtTst	234	1	7	3	""Tst""
Main	TxtTst	234	2	5	5	"Hallo"
Main	Tst	238		3	3	"Tst"
Main	Tst	239	1	3	3	"xxx"
Main	Tst	239	2	86	70	"This is a long line which will be listed, because it contains a Debugging-instruction."
Main	Tst2	243		4	4	"Tst2"
Main	OnActionButton	262		4	4	"btn0"
Main	OnActionButton	264		4	4	"btn1"
Main	OnActionButton	266		4	4	"btn2"
Main	OnActionButton	268		4	4	"btn3"
Main	OnActionButton	270		4	4	"btn4"
Main	TestSub2	350		44	36	"This programm can used only from Excel 2007!"
Main	TestSub3	405	1	9	9	"MultiProc"
Main	TestSub3	405	2	4	3	"1:23"
Main	TestSub3	408		17	14	"Here is TestSub4!"
Main	TestSub3	409		5	5	"intID"
Main	TestSub3	411		5	--	" & """
Main	TestSub3	412		5	--	"" & "
Main	TestSub3	413		7	--	"" "" & "
Main	TestSub3	414		14	--	" & "" "" "" "" "" & "
Main	TestSub3	415		7	--	" & "" "" "" "" ""
Main	TestSub3	416		9	--	" & "" "" "" "" ""
Main	TestSub3	417	1	9	--	"" "" "" "" & "
Main	TestSub3	417	2	1	1	"x"
Main	TestSub3	418		12	--	" & "" "" "" "" & "
Main	TestSub3	419	1	5	--	" & "" "" "" "" ""
Main	TestSub3	419	2	1	1	"x"
Main	TestSub3	420	1	5	--	"" "" & "
Main	TestSub3	420	2	1	1	"x"
Main	TestSub4	426	1	5	5	"Titel"
Main	TestSub4	426	2	17	12	"DD.MM.YY hh:mm:ss"
Main	Auto_Open	445		3	3	"Tst"
Main	Auto_Open	451	1	18	16	"Worksheet Menu Bar"
Main	Auto_Open	451	2	3	3	"Tst"
Main	Auto_Open	454		18	16	"Worksheet Menu Bar"
Main	Auto_Open	455		1	--	"?"
Main	Auto_Open	457		4	3	"&Tst"
Main	Auto_Open	459		7	7	"Button1"
Main	Auto_Open	461		14	12	"Main.Auto_Open"
Main	Auto_Open	464		7	7	"Button2"
Main	Auto_Open	466		4	4	"Pic1"
Main	Auto_Open	469		7	7	"Button3"
Main	Auto_Open	471		23	21	"Tabelle2.Picture1_Click"
Main	Auto_Open	474		7	7	"Button4"
Main	Auto_Open	476		30	27	"Tabelle2.Button2_ActiveX_Click"
Main	Auto_Open	479		7	7	"Button5"
Main	Auto_Open	481		10	9	"Auto_Close"
Main	Auto_Open	484	1	5	5	"Titel"
Main	Auto_Open	484	2	17	12	"DD.MM.YY hh:mm:ss"
Main	Auto_Open	489	1	4	2	"{F2}"
Main	Auto_Open	489	2	5	5	"Tests"
Main	Auto_Open	490	1	4	2	"{F3}"
Main	Auto_Open	490	2	9	8	"Main.Pic1"
Main	Auto_Open	491	1	4	2	"{F4}"
Main	Auto_Open	491	2	9	9	"ClearDate"
Main	Auto_Open	492	1	3	3	"Tst"
Main	Auto_Open	492	2	21	19	"Schaltfläche2_ActiveX"
Main	Auto_Open	494		1	--	"\"
Main	Auto_Open	495	1	1	--	". "

Main	Auto_Open	495	2	3	3	"ini"
Main	Auto_Open	498		17	14	"INI-File missing:"
Main	Auto_Open	502		265	238	"UserForm1.ButtonOn UserForm1.ButtonOff UserForm1.Unused UserForm1.Cancel WidthTest.OK WidthTest.Cancel"
Main	Auto_Open	504		1	--	" "
Main	Auto_Open	507		1	--	","
Main	Auto_Open	522		1	--	"="
Main	Auto_Close	550		4	2	"{F2}"
Main	Auto_Close	551		4	2	"{F3}"
Main	Auto_Close	552		4	2	"{F4}"
Main	Auto_Close	557		18	16	"Worksheet Menu Bar"
Main	Auto_Close	564		1	--	","
Main	Auto_Close	570	1	7	7	"PERSONL"
Main	Auto_Close	570	2	8	8	"PERSONAL"
Main	Auto_Close	577		9	6	"Bye, bye!"
Main	Pic1	589		5	5	"Areal"
Main	Pic1	590		3	3	"Tab"
Main	Pic1	593		2	2	"ss"
Main	Pic1	595		8	6	" filled!"
Main	Hex2Dez	613		16	16	"0123456789ABCDEF"
Main	Dez2Hex	635		16	16	"0123456789ABCDEF"
Main	Dez2Hex	639		1	1	"0"
Sheet1	StartButton_Click	5	1	8	7	"Welcome "
Sheet1	StartButton_Click	5	2	1	--	"!"
Sheet2	GotoTab_Click	4		3	3	"Tab"
Sheet2	Picture1_Click	8	1	15	10	""abstract 4u""
Sheet2	Picture1_Click	8	2	18	14	"(Active-X-Element) "
Sheet2	Schaltfläche1_Click	12	1	5	5	"Titel"
Sheet2	Schaltfläche1_Click	12	2	17	12	"DD.MM.YY hh:mm:ss"
Sheet2	Schaltfläche1_MouseMove	21		18	16	"Updating Date/Time"
Tabelle2	Button1_Click	9	1	5	5	"Label"
Tabelle2	Button1_Click	9	2	14	11	"This is Label "
Tabelle2	Button2_ActiveX_Click	16		3	3	"Tab"
Tabelle2	Button2_ActiveX_Click	18		17	15	"Date/Time updated"
Tabelle2	CheckBox1_Click	22		10	9	"CheckBox 1"
Tabelle2	CheckBox2_Click	28		10	9	"CheckBox 2"
Tabelle2	GotoChart_Click	34		5	5	"Chart"
Tabelle2	GotoTest_Click	38		4	4	"Test"
Tabelle2	ElementNotExist_Click	46		9	8	"Not exist"
TestClass	Width	6		25	20	"Let Width (not MULTIUSED) "
TestClass	Width	10		9	8	"Get Width"
ThisWorkbook	Workbook_Open	13	1	8	7	"Welcome "
ThisWorkbook	Workbook_Open	13	2	1	--	"!"
UserForm1	ButtonOn_cc_Click	7		5	5	"Width"
UserForm1	ButtonOff_cc_Click	12		5	5	"Width"
UserForm1	UserForm_Activate	26		6	5	"ON/OFF"
UserForm1	UserForm_Activate	30		9	8	"Cancel_cc"
WidthTest	Button1_Click	4	1	17	13	"UserForm width = "
WidthTest	Button1_Click	4	2	5	5	"Width"
WidthTest	Button2_Click	8	1	7	7	"Caption"
WidthTest	Button2_Click	8	2	8	7	"clicked!"
WidthTest	Button3_Click	12		20	16	"There is no Button3!"
WidthTest	OK_Click	35		16	16	"0123456789ABCDEF"
WidthTest	OK_Click	36		31	26	"Not a valid hexadecimal number!"
WidthTest	OK_Click	41	1	12	9	" result for "
WidthTest	OK_Click	41	2	3	--	" = "
WidthTest	OK_Click	44		27	22	"Not a valid decimal number!"
WidthTest	OK_Click	49	1	12	9	" result for "
WidthTest	OK_Click	49	2	3	--	" = "
WidthTest	OK_Click	51		20	18	"None option selected"
WidthTest	UserForm_Activate	67		4	4	"Test"
WidthTest	UserForm_Activate	68		6	6	"Cancel"

3. Constants

module	line	name	value
CrunchTestModull	7	ATest	"Tst"

CrunchTestModul1	101	Test.Test = 3	13	3
CrunchTestModul1	103	.Test = 12	9	12
CrunchTestModul1	116	xTest = 0	9	0
CrunchTestModul1	118	xTest = 1	9	1
CrunchTestModul2	16	MultiProc = 123456789	13	123456789
Main	53	lParam1 = 1	11	1
Main	54	lParam2 = 2	11	2
Main	83	Message As String * 30	21	30
Main	126	COMPVAR1 = SINGLECONST * 2	26	2
Main	127	var2 = COMPVAR1 * 2	19	2
Main	128	var3 = var2 * 2	15	2
Main	130	COMPVAR1 = SINGLECONST * 3	26	3
Main	131	var2 = COMPVAR1 * 3	19	3
Main	132	var3 = var2 * 3	15	3
Main	134	COMPVAR1 = SINGLECONST * 4	26	4
Main	135	var2 = COMPVAR1 * 4	19	4
Main	136	var3 = var2 * 4	15	4
Main	216	MultiProc = 123456789	13	123456789
Main	285	Dim x06(1000), x07(1000) As Variant	9	1000
Main	285	Dim x06(1000), x07(1000) As Variant	20	1000
Main	286	Dim x08(3, 4) As Integer, x09()	9	3
Main	286	Dim x08(3, 4) As Integer, x09()	12	4
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	9	1
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	14	3
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	17	4
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	22	9
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	25	3
Main	287	Dim x10(1 To 3, 4 To 9, 3 To 5) As Double	30	5
Main	290	x01 = 15	7	15
Main	291	x02 = x01 + 1	13	1
Main	293	x06(13) = 1 / (1 + x07(13))	5	13
Main	293	x06(13) = 1 / (1 + x07(13))	11	1
Main	293	x06(13) = 1 / (1 + x07(13))	16	1
Main	293	x06(13) = 1 / (1 + x07(13))	24	13
Main	295	Debug.Print 1 + TSTADDITION	13	1
Main	297	Debug.Print 2 + TSTADDITION	13	2
Main	298	Debug.Print 3 + TSTADDITION	13	3
Main	299	Debug.Print 2 + TSTADDITION	13	2
Main	300	Debug.Print 3 + TSTADDITION	13	3
Main	301	Debug.Print 2 + TSTADDITION	13	2
Main	302	Debug.Print 3 + TSTADDITION	13	3
Main	303	Debug.Print 2 + TSTADDITION	13	2
Main	304	Debug.Print 3 + TSTADDITION	13	3
Main	306	Debug.Print 4 + TSTADDITION	13	4
Main	307	Debug.Print 5 + TSTADDITION	13	5
Main	308	Debug.Print 6 + TSTADDITION	13	6
Main	309	Debug.Print 4 + TSTADDITION	13	4
Main	310	Debug.Print 5 + TSTADDITION	13	5
Main	311	Debug.Print 6 + TSTADDITION	13	6
Main	312	Debug.Print 4 + TSTADDITION	13	4
Main	313	Debug.Print 5 + TSTADDITION	13	5
Main	314	Debug.Print 6 + TSTADDITION	13	6
Main	315	Debug.Print 4 + TSTADDITION	13	4
Main	316	Debug.Print 5 + TSTADDITION	13	5
Main	317	Debug.Print 6 + TSTADDITION	13	6
Main	319	Debug.Print 7 + TSTADDITION	13	7
Main	320	Debug.Print 8 + TSTADDITION	13	8
Main	321	Debug.Print 9 + TSTADDITION	13	9
Main	322	Debug.Print 10 + TSTADDITION	13	10
Main	323	Debug.Print 11 + TSTADDITION	13	11
Main	324	Debug.Print 7 + TSTADDITION	13	7
Main	325	Debug.Print 8 + TSTADDITION	13	8
Main	326	Debug.Print 9 + TSTADDITION	13	9
Main	327	Debug.Print 10 + TSTADDITION	13	10
Main	328	Debug.Print 11 + TSTADDITION	13	11
Main	329	Debug.Print 7 + TSTADDITION	13	7
Main	330	Debug.Print 8 + TSTADDITION	13	8
Main	331	Debug.Print 9 + TSTADDITION	13	9

Main	332	Debug.Print 10 + TSTADDITION	13	10
Main	333	Debug.Print 11 + TSTADDITION	13	11
Main	335	Debug.Print 12 + TSTADDITION	13	12
Main	336	Debug.Print 13 + TSTADDITION	13	13
Main	337	Debug.Print 14 + TSTADDITION	13	14
Main	338	Debug.Print 15 + TSTADDITION	13	15
Main	339	Debug.Print 12 + TSTADDITION	13	12
Main	340	Debug.Print 13 + TSTADDITION	13	13
Main	341	Debug.Print 14 + TSTADDITION	13	14
Main	342	Debug.Print 15 + TSTADDITION	13	15
Main	343	Debug.Print 12 + TSTADDITION	13	12
Main	344	Debug.Print 13 + TSTADDITION	13	13
Main	345	Debug.Print 14 + TSTADDITION	13	14
Main	346	Debug.Print 15 + TSTADDITION	13	15
Main	357	If CDec(Application.Version) < 120 Then	32	120
Main	362	a1 = a2 * 2	11	2
Main	363	a2 = a3 * 12	11	12
Main	364	a3 = a1 * 8	11	8
Main	367	a2 = a1 * 2	11	2
Main	368	a3 = a2 * 12	11	12
Main	369	a1 = a3 * 8	11	8
Main	372	a1 = a1 * 2	11	2
Main	373	a2 = a2 * 12	11	12
Main	374	a3 = a3 * 8	11	8
Main	379	a1 = a2 * 2	11	2
Main	380	a2 = a3 * 12	11	12
Main	381	a3 = a1 * 8	11	8
Main	384	a2 = a1 * 2	11	2
Main	385	a3 = a2 * 12	11	12
Main	386	a1 = a3 * 8	11	8
Main	389	a1 = a1 * 2	11	2
Main	390	a2 = a2 * 12	11	12
Main	391	a3 = a3 * 8	11	8
Main	396	a1 = a2 * 2	11	2
Main	397	a2 = a3 * 12	11	12
Main	398	a3 = a1 * 8	11	8
Main	401	a2 = a1 * 2	11	2
Main	402	a3 = a2 * 12	11	12
Main	403	a1 = a3 * 8	11	8
Main	406	a1 = a1 * 2	11	2
Main	407	a2 = a2 * 12	11	12
Main	408	a3 = a3 * 8	11	8
Main	433	MsgBox 0.98765 & VBA7	8	0.98765
Main	445	Dim strBuffer As String * 16384	27	16384
Main	458	While Err.Number = 0	20	0
Main	468	.FaceId = 71	11	71
Main	473	.FaceId = 72	11	72
Main	478	.FaceId = 73	11	73
Main	483	.FaceId = 74	11	74
Main	488	.FaceId = 75	11	75
Main	514	For lngCnt = 0 To UBound(str_List)	14	0
Main	516	ThisWorkbook.VBProject.VBComponents(str_Split(0))...	47	0
Main	516	...gner.Controls(str_Split(1)).Caption = ""	79	1
Main	522	For lngUserFormCnt = 0 To UBound(str_UserForms)	22	0
Main	527	For lngCnt = 0 To UBound(str_UserFormElements)	14	0
Main	531	...gner.Controls(str_Split(0)).Caption = str_Split(1)...	96	0
Main	531	...gner.Controls(str_Split(0)).Caption = str_Split(1)	120	1
Main	572	bytPos = InStr(1, wbWorkbook.Name, ".")	16	1
Main	573	If bytPos > 0 Then	13	0
Main	574	strName = UCase(Left(wbWorkbook.Name, bytPos - 1))	48	1
Main	617	dblOut = 0	10	0
Main	618	bytExp = 0	10	0
Main	620	For intCnt = Len(strHex) To 1 Step -1	29	1
Main	620	For intCnt = Len(strHex) To 1 Step -1	36	-1
Main	621	...F", Mid(strHex, intCnt, 1)) - 1) * 16 ^ bytExp	66	1
Main	621	...d(strHex, intCnt, 1)) - 1) * 16 ^ bytExp	72	1
Main	621	...Hex, intCnt, 1)) - 1) * 16 ^ bytExp	77	16
Main	622	bytExp = bytExp + 1	19	1

Main	641	While dblInput > 0	18	0
Main	642	dblRest = dblInput - Int(dblInput / 16) * 16	37	16
Main	642	dblRest = dblInput - Int(dblInput / 16) * 16	43	16
Main	643	strOut = Mid("0123456789ABCDEF", dblRest + 1, 1) &...	44	1
Main	643	strOut = Mid("0123456789ABCDEF", dblRest + 1, 1) &...	47	1
Main	644	dblInput = Int(dblInput / 16)	27	16
Tab	8	For lngCnt = 1 To 3	14	1
Tab	8	For lngCnt = 1 To 3	19	3
UserForm1	7	CallByName Txt_cc, "Width", VbLet, 126	36	126
UserForm1	12	CallByName Txt_cc, "Width", VbLet, 0.5	36	0.5
UserForm1	13	Txt_cc.Left = Width / 2	23	2
WidthTest	34	For lngCnt = 1 To Len(strTxt)	14	1
WidthTest	35	...F", Mid(strTxt, lngCnt, 1)) = 0 Then	50	1
WidthTest	35	...d(strTxt, lngCnt, 1)) = 0 Then	56	0
WidthTest	49	..." & NumberInput.Value & " = " & Dez2Hex(dblNum, 8)	89	8
WidthTest	66	Label.Width = 144	15	144

REMARKS

Identifier is used in worksheet formulas

CrunchCode is active only within a VBA project.
Named ranges, worksheet registers etc. remain unchanged!
This also concerns formulas in worksheets.
To avoid conflicts and runtime errors are identifiers NOT camouflaged,
which were declared in the VBA project and simultaneously used in formulas
or which refer to objects in tables.
If the listed identifiers should have NO connection with the mentioned formulas
and are to be camouflaged, then rename these please.

Identifier is external link

External links are routines that refer to objects outside of the VBA project,
so entry point for DLL's ("Declare") or
event routines for the ribbon (Excel menu bar, from 2007).
A camouflage of these identifiers would endanger the functionality of the project
or lead to runtime errors.

Object "... " not found

With this routine an event should be associated to an object (e.g. userform control element).
However, the given object could not be found.
If the object is absent, the routine is useless.
If it is NOT an event routine, then modify please the part after "_",
so that CrunchCode can camouflage this.

will be camouflaged incompletely because VBA event routine

Only the front part of the name can be camouflaged.
The rear part is syntactically necessary (he assigns an event routine to an element)
and can not be camouflaged.

not camouflaged because event routine and corresponding element uncamouflaged

The front part of the name designates an element which itself was not camouflaged.
The rear part is syntactically necessary (he assigns an event routine to the element)
and can not be camouflaged.

VBA keyword

Identifiers that are identical with VBA keywords will not be camouflaged, to ensure that all VBA own methods and names remain unchanged.

If the listed identifiers should be camouflaged, please rename them.

| HINT: You can avoid conflicts with VBA keywords
| if you use the so-called Hungarian notation.

| Here, each identifier gets an additional prefix and like that its type is recognizable.

| Example:

| instead of: Dim Message As String (Message is a property of the RoutingSlip-Object)
| better: Dim strMessage As String ("str" = String)

VBA event handler

These are predefined VBA event routines whose names cannot be changed.

not used

These identifiers have been declared, but there is no access in the entire source-code. They will nevertheless be camouflaged, because it could be either event routines or other externally used routines and variables.

unused Enum element

These identifiers have been declared as Enum element, but there is no access in the entire source-code. They will nevertheless be camouflaged, to preserve the integrity of the Enum declaration.

unused Type element

These identifiers have been declared as Type element, but there is no access in the entire source-code. They will nevertheless be camouflaged, to preserve the integrity of the Type declaration.

used only in strings

These identifiers are not used in the specified area. But within the project their names occur in strings.