

P-Code Opcode Database

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#	Opcode	Name	Length	ArgStr	SrcStr
1	00	Bos			
2	01	InvalidExcode			
3	02	DOC			
4	04	FLdRfVar		umv	
5	05	ImpAdLdRf		a2	
6	06	-			
7	07	FMemLdRf			
8	08	FLdPr			
9	09	ImpAdCallHresult			
10	0A	ImpAdCallFPR4		h%h%	
11	0B	ImpAdCallI2			
12	0C	ImpAdCallCy			
13	0D	VCallHresult		vw	%p1
14	0E	VCallFPR8			
15	0F	VCallAd		uc	
16	10	ThisVCallHresult			
17	11	ThisVCall			
18	12	ThisVCallAd			
19	13	ExitProcHresult		}	}
20	14	ExitProc		}	
21	15	ExitProcI2			
22	16	ExitProcR4			
23	17	ExitProcR8			
24	18	ExitProcCy			
25	19	FStAdFunc			
26	1A	FFree1Ad			
27	1B	LitStr		uaz	
28	1C	BranchF		>p	If (%p1) Then End If
29	1D	BranchT		>p	
30	1E	Branch		up	Goto line%p1
31	1F	CRec2Ansi			
32	20	CRec2Uni			
33	21	FLdPrThis		uto	
34	22	ImpAdLdPr			
35	23	FStStrNoPop			
36	24	NewIfNullPr		h%	

37	25	PopAdLdVar			
38	26	AryDescTemp			
39	27	LitVar_Missing			<
40	28	LitVarI2		lu%	
41	29	FFreeAd		L	
42	2A	ConcatStr			<%p2 & %p1
43	2B	PopTmpLdAd2			
44	2C	LateldSt			
45	2D	AryUnlock			
46	2E	AryLock			
47	2F	FFree1Str			
48	30	PopTmpLdAd8			
49	31	FStStr		ums	%p1 = %p2
50	32	FFreeStr		L	
51	33	LdFixedStr			
52	34	CStr2Ansi			
53	35	FFree1Var			
54	36	FFreeVar		L	
55	37	PopFPR4			
56	38	CopyBytes			
57	39	PopFPR8			
58	3A	LitVarStr		luaz	
59	3B	Ary1StStrCopy			
60	3C	SetLastSystemError			
61	3D	CastAd			
62	3E	FLdZeroAd			
63	3F	CVarCy			
64	40	Ary1LdRf			
65	41	Ary1LdPr			
66	42	CR4Var			
67	43	FStStrCopy		ul	%p1=%p2
68	44	CVarI2			
69	45	Error			
70	46	CVarStr			
71	47	StFixedStr			
72	48	ILdPr			
73	49	PopAdLd4			
74	4A	FnLenStr			
75	4B	OnErrorGoto		up	On Error Goto %p1
76	4C	FnLBound			
77	4D	CVarRef			

78	4E	FStVarCopyObj		ul	%p1 = %p2
79	4F	MidStr		w	Mid(%p4,%p3,%p2) = %p1
80	50	CI4Str			
81	51	DOC			
82	52	Ary1StVar			
83	53	CBoolCy			
84	54	FMemStStrCopy			
85	55	CI2Var			
86	56	NewIfNullAd		h%	
87	57	LateMemLdVar			
88	58	MemLdPr			
89	59	PopTmpLdAdStr			
90	5A	Erase			
91	5B	FStAdFuncNoPop		l	
92	5C	BranchFVar			
93	5D	HardType			
94	5E	DOC			
95	5F	FMemLdPr			
96	60	CStrVarTmp			
97	61	LateldLdVar			
98	62	IStDarg			
99	63	LitVar_TRUE			
100	64	NextI2		In	Next %p1
101	65	NextStepI2		In	Next %p1
102	66	NextI4		In	Next %p1
103	67	NextStepI4		In	Next %p1
104	68	NextStepR4		In	Next %p1
105	69	NextStepR8		In	Next %p1
106	6A	NextStepCy		In	Next %p1
107	6B	FLdI2		ul	
108	6C	ILdRf		ul	
109	6D	FLdR8			
110	6E	FLdFPR4			
111	6F	FLdFPR8		ul	
112	70	FStI2		um%	%p1 = %p2
113	71	FStR4		um&	%p1 = %p2
114	72	FStR8		um\$	%p1 = %p2
115	73	FStFPR4		um!	%p1 = %p2
116	74	FStFPR8		um#	%p1 = %p2
117	75	ImpAdLdI2			
118	76	ImpAdLdI4			

119	77	ImpAdLdCy			
120	78	ImpAdLdFPR4			
121	79	ImpAdLdFPR8			
122	7A	ImpAdStI2			
123	7B	ImpAdStR4			
124	7C	ImpAdStCy			
125	7D	ImpAdStFPR4			
126	7E	ImpAdStFPR8			
127	7F	ILdI2		ul	
128	80	ILdI4		ul	
129	81	ILdR8			
130	82	ILdFPR4		ul	
131	83	ILdFPR8		ul	
132	84	ISlI2			
133	85	ISlI4			
134	86	ISlR8			
135	87	ISlFPR4			
136	88	ISlFPR8			
137	89	MemLdI2			
138	8A	MemLdStr		ul	
139	8B	MemLdR8			
140	8C	MemLdFPR4			
141	8D	MemLdFPR8			
142	8E	MemStI2			
143	8F	MemStI4			
144	90	MemStR8			
145	91	MemStFPR4			
146	92	MemStFPR8			
147	93	FMemLdI2			
148	94	FMemLdR4			
149	95	FMemLdCy			
150	96	FMemLdFPR4			
151	97	FMemLdFPR8			
152	98	FMemStI2			
153	99	FMemStI4			
154	9A	FMemStR8			
155	9B	FMemStFPR4			
156	9C	FMemStFPR8			
157	9D	Ary1LdI2			<%p1(%p2)
158	9E	Ary1LdI4			<%p1(%p2)
159	9F	Ary1LdCy			<%p1(%p2)

160	A0	Ary1LdFPR4			<%p1(%p2)
161	A1	Ary1LdFPR8			<%p1(%p2)
162	A2	Ary1StI2			%p1(%p2) = %p3
163	A3	Ary1StI4			%p1(%p2) = %p3
164	A4	Ary1StCy			%p1(%p2) = %p3
165	A5	Ary1StFPR4			%p1(%p2) = %p3
166	A6	Ary1StFPR8			%p1(%p2) = %p3
167	A7	AryLdPr			
168	A8	AryLdRf			
169	A9	AddI2			<(%p2 + %p1)
170	AA	AddI4			<(%p2 + %p1)
171	AB	AddR8			<(%p2 + %p1)
172	AC	AddCy			<(%p2 + %p1)
173	AD	SubI2			<(%p2 - %p1)
174	AE	SubI4			<(%p2 - %p1)
175	AF	SubR4			<(%p2 - %p1)
176	B0	SubCy			<(%p2 - %p1)
177	B1	MulI2			<(%p2 * %p1)
178	B2	MulI4			<(%p2 * %p1)
179	B3	MulR8			<(%p2 * %p1)
180	B4	MulCy			<(%p2 * %p1)
181	B5	MulCyl2			<(%p2 * %p1)
182	B6	DivR8			<(%p2 / %p1)
183	B7	UMil2			
184	B8	UMil4			
185	B9	UMiR8			
186	BA	UMiCy			
187	BB	FnAbsI2			
188	BC	FnAbsI4			
189	BD	FnAbsR4			
190	BE	FnAbsCy			
191	BF	IDvI2			
192	C0	IDvI4			
193	C1	ModI2			<(%p2 Mod %p1)
194	C2	ModI4			<(%p2 Mod %p1)
195	C3	NotI4			<Not(%p1)
196	C4	AndI4			<(%p2 And %p1)
197	C5	OrI4			<(%p2 Or %p1)
198	C6	EqI2			<(%p2 = %p1)
199	C7	EqI4			<(%p2 = %p1)
200	C8	EqR4			<(%p2 = %p1)

201	C9	EqCy			<(%p2 = %p1)
202	CA	EqCyR8			<(%p2 = %p1)
203	CB	Nel2			<(%p2 <> %p1)
204	CC	Nel4			<(%p2 <> %p1)
205	CD	NeR8			<(%p2 <> %p1)
206	CE	NeCy			<(%p2 <> %p1)
207	CF	NeCyR8			<(%p2 <> %p1)
208	D0	Ltl2			<(%p2 < %p1)
209	D1	Ltl4			<(%p2 < %p1)
210	D2	LtR8			<(%p2 < %p1)
211	D3	LtCy			<(%p2 < %p1)
212	D4	LtCyR8			<(%p2 < %p1)
213	D5	LeI2			<(%p2 <= %p1)
214	D6	LeI4			<(%p2 <= %p1)
215	D7	LeR8			<(%p2 <= %p1)
216	D8	LeCy			<(%p2 <= %p1)
217	D9	LeCyR8			<(%p2 <= %p1)
218	DA	Gtl2			<(%p2 > %p1)
219	DB	Gtl4			<(%p2 > %p1)
220	DC	GtR4			<(%p2 > %p1)
221	DD	GtCy			<(%p2 > %p1)
222	DE	GtCyR8			<(%p2 > %p1)
223	DF	Gel2			<(%p2 >= %p1)
224	E0	Gel4			<(%p2 >= %p1)
225	E1	GeR8			<(%p2 >= %p1)
226	E2	GeCy			<(%p2 >= %p1)
227	E3	GeCyR8			<(%p2 >= %p1)
228	E4	CI2I4			<CInt(%p1)
229	E5	CI2R8			<CInt(%p1)
230	E6	CI2Cy			<CInt(%p1)
231	E7	CI4UI1			<CLng(%p1)
232	E8	CI4R8			<CLng(%p1)
233	E9	CI4Cy			<CLng(%p1)
234	EA	CR4R4			
235	EB	CR8I2			<CSng(%p1)
236	EC	CR8I4			<CSng(%p1)
237	ED	CR8R8			<CSng(%p1)
238	EE	CR8Cy			<CSng(%p1)
239	EF	CCyl2			<CCur(%p1)
240	F0	CCyl4			<CCur(%p1)
241	F1	CCyR4			<CCur(%p1)

242	F2	CDateR8			
243	F3	LitI2		u%	
244	F4	LitI2_Byte		u°	
245	F5	LitI4		u&	
246	F6	LitCy			
247	F7	LitCy4			
248	F8	LitI2FP			
249	F9	LitR4FP			
250	FA	LitDate		u!	
251	FB01	ImpUI1			
252	FB02	Impl4			
253	FB03	DOC			
254	FB07	ImpVar			
255	FB09	EqvUI1			
256	FB0A	EqvI4			
257	FB0B	DOC			
258	FB0F	EqvVar			
259	FB11	XorI4			<(%p2 Xor %p1)
260	FB12	DOC			
261	FB13	DOC			
262	FB17	XorVar			
263	FB19	OrI2			
264	FB1A	DOC			
265	FB1B	DOC			
266	FB1F	OrVar			
267	FB21	AndUI1			
268	FB22	DOC			
269	FB23	DOC			
270	FB27	AndVar			
271	FB29	EqI2			
272	FB2A	EqI2			
273	FB2B	EqI4			
274	FB2C	EqR8			
275	FB2D	EqR8			
276	FB2E	EqCy			
277	FB2F	EqVar			
278	FB30	EqStr			<(%p2 = %p1)
279	FB31	EqTextVar			
280	FB32	EqTextStr			
281	FB33	EqVarBool			
282	FB34	EqTextVarBool			

283	FB35	EqCyR8			
284	FB36	NeUI1			
285	FB37	NeUI1			
286	FB38	DOC			
287	FB39	NeR4			
288	FB3A	NeR4			
289	FB3B	NeCy			
290	FB3C	NeVar			
291	FB3D	NeStr			<(%p2 <> %p1)
292	FB3E	NeTextVar			
293	FB3F	NeTextStr			
294	FB40	NeVarBool			
295	FB41	NeTextVarBool			
296	FB42	NeCyR8			
297	FB43	LeUI1			
298	FB44	LeI2			
299	FB45	DOC			
300	FB46	LeR4			
301	FB47	LeR4			
302	FB48	LeCy			
303	FB49	LeVar			
304	FB4A	LeStr			
305	FB4B	LeTextVar			
306	FB4C	LeTextStr			
307	FB4D	LeVarBool			
308	FB4E	LeTextVarBool			
309	FB4F	LeCyR8			
310	FB50	GeUI1			
311	FB51	GeI2			
312	FB52	DOC			
313	FB53	GeR4			
314	FB54	GeR4			
315	FB55	GeCy			
316	FB56	GeVar			
317	FB57	GeStr			
318	FB58	GeTextVar			
319	FB59	GeTextStr			
320	FB5A	GeVarBool			
321	FB5B	GeTextVarBool			
322	FB5C	GeCyR8			
323	FB5D	LtUI1			

324	FB5E	LtI2			
325	FB5F	LtI4			
326	FB60	LtR4			
327	FB61	LtR4			
328	FB62	LtCy			
329	FB63	LtVar			
330	FB64	LtStr			
331	FB65	LtTextVar			
332	FB66	LtTextStr			
333	FB67	LtVarBool			
334	FB68	LtTextVarBool			
335	FB69	LtCyR8			
336	FB6A	GtUI1			
337	FB6B	GtI2			
338	FB6C	DOC			
339	FB6D	GtR4			
340	FB6E	GtR4			
341	FB6F	GtCy			
342	FB70	GtVar			
343	FB71	GtStr			
344	FB72	GtTextVar			
345	FB73	GtTextStr			
346	FB74	GtVarBool			
347	FB75	GtTextVarBool			
348	FB76	GtCyR8			
349	FB7D	LikeVar			
350	FB7E	LikeStr			<(%p2 Like %p1)
351	FB7F	LikeTextVar			
352	FB80	LikeTextStr			
353	FB81	LikeVarBool			
354	FB82	LikeTextVarBool			
355	FB84	BetweenUI1			
356	FB85	BetweenI2			
357	FB86	BetweenI4			
358	FB87	BetweenR4			
359	FB88	BetweenR4			
360	FB89	BetweenCy			
361	FB8A	BetweenVar			
362	FB8B	BetweenStr			
363	FB8C	BetweenTextVar			
364	FB8D	BetweenTextStr			

365	FB8E	AddUI1			
366	FB8F	AddI2			
367	FB90	DOC			
368	FB91	AddR4			
369	FB92	AddR4			
370	FB93	AddCy			
371	FB94	AddVar		I	<%p2 + %p1
372	FB96	SubUI1			
373	FB97	DOC			
374	FB98	DOC			
375	FB99	DOC			
376	FB9A	DOC			
377	FB9B	DOC			
378	FB9C	SubVar		I	<(%p2 - %p1)
379	FB9E	ModUI1			
380	FB9F	DOC			
381	FBA0	DOC			
382	FBA4	ModVar		I	<(%p2 Mod %p1)
383	FBA6	IDvUI1			
384	FBA7	DOC			
385	FBA8	DOC			
386	FBAC	IDvVar			
387	FBAE	MulUI1			
388	FBAF	DOC			
389	FBB0	DOC			
390	FBB1	MulR4			
391	FBB2	DOC			
392	FBB3	DOC			
393	FBB4	MulVar		I	<(%p2 * %p1)
394	FBB9	DOC			
395	FBBA	DOC			
396	FBBC	DivVar		I	<(%p2 / %p1)
397	FBBE	NotUI1			
398	FBBF	DOC			
399	FBC0	DOC			
400	FBC4	NotVar		I	<Not(%p1)
401	FBC7	UMiI2			
402	FBC8	UMiI2			
403	FBC9	UMiR4			
404	FBCA	UMiR4			
405	FBCB	UMiCy			

406	FBCC	UMiVar			
407	FBCE	PwrVar			<(%p2 ^ %p1)
408	FBCF	PwrR8R8			<(%p2 ^ %p1)
409	FBD0	PwrR8I2			<(%p2 ^ %p1)
410	FBD1	MulCyl2			
411	FBD2	Is			
412	FBD4	FnAbsI2			<Abs(%p1)
413	FBD5	FnAbsI4			<Abs(%p1)
414	FBD6	FnAbsR4			<Abs(%p1)
415	FBD7	FnAbsR4			<Abs(%p1)
416	FBD8	FnAbsCy			<Abs(%p1)
417	FBD9	FnAbsVar			<Abs(%p1)
418	FBDE	FnFixR8			<Fix(%p1)
419	FBDF	FnFixR8			<Fix(%p1)
420	FBE0	FnFixCy			<Fix(%p1)
421	FBE1	FnFixVar			<Fix(%p1)
422	FBE6	FnIntR8			<Int(%p1)
423	FBE7	FnIntR8			<Int(%p1)
424	FBE8	FnIntCy			<Int(%p1)
425	FBE9	FnIntVar			<Int(%p1)
426	FBEB	FnLenVar			<Len(%p1)
427	FBEC	FnLenStr			<Len(%p1)
428	FBED	FnLenBVar			<LenB(%p1)
429	FBEE	FnLenBStr			<LenB(%p1)
430	FBEF	ConcatVar			<(%p2 & %p1)
431	FBF0	DOC			
432	FBF2	FnSgnUI1			<Sgn(%p1)
433	FBF3	FnSgnUI1			<Sgn(%p1)
434	FBF4	FnSgnI4			<Sgn(%p1)
435	FBF5	FnSgnR8			<Sgn(%p1)
436	FBF6	FnSgnR4			<Sgn(%p1)
437	FBF7	FnSgnCy			<Sgn(%p1)
438	FBFA	SeekFile			
439	FBFB	NameFile			
440	FBFC	CStrI2			<CStr(%p1)
441	FBFD	CStrUI1			<CStr(%p1)
442	FBFE	CStrI4			<CStr(%p1)
443	FBFF	CStrR4			<CStr(%p1)
444	FC00	CStrR8			<CStr(%p1)
445	FC01	CStrCy			<CStr(%p1)
446	FC02	CStrVar			<CStr(%p1)

447	FC04	DOC			
448	FC05	DOC			
449	FC06	CCyl4			
450	FC07	CCyR4			
451	FC08	CCyR4			
452	FC0A	CCyVar			
453	FC0B	CCyStr			
454	FC0D	CUI1I2			<Cbyte(%p1)
455	FC0E	CUI1I4			<Cbyte(%p1)
456	FC0F	CUI1R4			<Cbyte(%p1)
457	FC10	CUI1R4			<Cbyte(%p1)
458	FC11	CUI1Cy			<Cbyte(%p1)
459	FC12	CUI1Var			<Cbyte(%p1)
460	FC13	CUI1Str			<Cbyte(%p1)
461	FC14	CI2UI1			
462	FC16	CI2I4			
463	FC17	CI2R8			
464	FC18	CI2R8			
465	FC19	CI2Cy			
466	FC1A	CI2Var			
467	FC1B	CI2Str			
468	FC1C	CI4UI1			
469	FC1D	CI4UI1			
470	FC1F	CI4R8			
471	FC20	CI4R8			
472	FC21	CI4Cy			
473	FC22	CI4Var			
474	FC23	CI4Str			
475	FC24	FnCSngI2			
476	FC25	FnCSngI2			
477	FC26	CR4I4			
478	FC27	CR4R8			
479	FC28	CR4R8			
480	FC29	CR8Cy			
481	FC2A	CR8Var			
482	FC2B	CR4Str			
483	FC2C	FnCSngI2			
484	FC2D	FnCSngI2			
485	FC2E	CR4I4			
486	FC2F	CR8R4			
487	FC30	CR8R4			

488	FC31	CR8Cy			
489	FC32	CR8Var			
490	FC33	CR8Str			
491	FC34	CAdVar			
492	FC35	CRefVarAry			
493	FC38	CUI1Bool			
494	FC39	FnCDblCy			
495	FC3A	FnCDblR8			
496	FC3B	FnCDblR8			
497	FC3C	FnCSngI2			
498	FC3D	FnCSngI2			
499	FC3E	FnCSngI4			
500	FC3F	CSng			
501	FC40	CSng			
502	FC41	FnCSngCy			
503	FC42	FnCSngVar			
504	FC43	FnCSngStr			
505	FC44	FnCByteVar			
506	FC45	FnCIntVar			
507	FC46	FnCLngVar			
508	FC47	CDateR8			
509	FC48	FnCDblVar			
510	FC49	FnCCurVar			
511	FC4B	FnCStrVar			
512	FC4D	FnCBoolVar			
513	FC4E	FnCDateVar			
514	FC4F	FnCDateVar			
515	FC50	CBoolUI1			
516	FC51	CBoolUI1			
517	FC52	CBoolI4			
518	FC53	CBoolR4			
519	FC54	CBoolR4			
520	FC55	CBoolCy			
521	FC56	CBoolVar			
522	FC57	CBoolStr			
523	FC58	CStr2Uni			
524	FC59	CStrAry2Uni			
525	FC5A	CStr2Ansi			
526	FC5B	CStrAry2Ansi			
527	FC5C	PopAdLd4			
528	FC5D	CRecAnsi2Uni			

529	FC5E	CRecUni2Ansi			
530	FC5F	CStr2Vec			
531	FC60	CVar2Vec			
532	FC61	CVec2Var			
533	FC62	GetLastError			
534	FC63	LitNothing			
535	FC64	LitVar_NULL			
536	FC65	LitVar_TRUE			
537	FC66	LitVar_FALSE			
538	FC67	LitVar_Empty			
539	FC68	DOC			
540	FC69	DOC			
541	FC6A	ThisVCallHresult			
542	FC6D	DOC			
543	FC6F	CheckTypeVar			
544	FC71	CUnkVar			
545	FC72	CVarUnk			
546	FC73	LdPrUnkVar			
547	FC74	FLdLateldUnkVar			
548	FC75	GetRec3			
549	FC76	GetRec4			
550	FC77	PutRec3			
551	FC78	PutRec4			
552	FC79	GetRecOwner3			
553	FC7A	GetRecOwner4			
554	FC7B	PutRecOwner3			
555	FC7C	PutRecOwner4			
556	FC7D	Input			
557	FC7E	InputDone			
558	FC7F	InputItemUI1			
559	FC80	InputItemI2			
560	FC81	InputItemI4			
561	FC82	InputItemR4			
562	FC83	InputItemR8			
563	FC84	InputItemCy			
564	FC85	InputItemVar			
565	FC86	InputItemStr			
566	FC87	InputItemBool			
567	FC88	InputItemDate			
568	FC89	PopFPR4			
569	FC8A	PopFPR8			

570	FC8B	PopAd			
571	FC8C	DOC			
572	FC8D	AryLdPr			
573	FC8E	AryLdRf			
574	FC8F	ParmAry1St			
575	FC90	Ary1LdUI1			
576	FC91	Ary1Ldl2			
577	FC92	DOC			
578	FC93	DOC			
579	FC94	Ary1LdR8			
580	FC95	Ary1LdR8			
581	FC96	Ary1LdRfVar			
582	FC97	DOC			
583	FC98	DOC			
584	FC99	Ary1LdFPR4			
585	FC9A	Ary1LdFPR8			
586	FC9B	Ary1LdPr			
587	FC9C	Ary1LdRf			
588	FC9D	Ary1LdVar			
589	FCA0	Ary1StUI1			
590	FCA1	Ary1StI2			
591	FCA2	Ary1StR4			
592	FCA3	Ary1StR4			
593	FCA4	Ary1StCy			
594	FCA5	Ary1StCy			
595	FCA6	Ary1StVar			
596	FCA7	Ary1StStr			
597	FCA8	Ary1StAd			
598	FCA9	Ary1StFPR4			
599	FCAA	Ary1StFPR8			
600	FCAB	Ary1StVarAd			
601	FCAC	Ary1StVarAdFunc			
602	FCAD	Ary1StVarUnk			
603	FCAE	Ary1StVarUnkFunc			
604	FCAF	Ary1StAdFunc			
605	FCB0	Ary1StVarCopy			
606	FCB1	Ary1StStrCopy			
607	FCB2	Ary1LdRfVarg			
608	FCB3	Ary1LdVarg			
609	FCB4	Ary1LdRfVargParam			
610	FCB5	Ary1StVarg			

611	FCB6	Ary1StVargCopy			
612	FCB7	Ary1StVargAd			
613	FCB8	Ary1StVargAdFunc			
614	FCB9	Ary1StVargUnk			
615	FCBA	Ary1StVargUnkFunc			
616	FCBB	MidVar			
617	FCBC	MidBStr			
618	FCBD	MidBVar			
619	FCBE	MidBStrB			
620	FCBF	LineInputVar			
621	FCC0	LineInputStr			
622	FCC1	Error			
623	FCC2	Stop			
624	FCC3	Erase			
625	FCC4	LargeBos			
626	FCC8	End			
627	FCC9	Return			
628	FCCA	FnLBound			
629	FCCB	FnUBound			
630	FCCC	ExitProcUI1			
631	FCCD	ExitProcI2			
632	FCCE	ExitProcStr			
633	FCCF	ExitProcR4			
634	FCD0	ExitProcR8			
635	FCD1	ExitProcCy			
636	FCD3	ExitProcStr			
637	FCD4	ExitProcStr			
638	FCD5	ExitProcStr			
639	FCE0	FLdUI1		um°	
640	FCE1	DOC			
641	FCE2	FLdR4			
642	FCE3	DOC			
643	FCE4	FLdR8			
644	FCE5	FLdR8			
645	FCE6	DOC			
646	FCE7	DOC			
647	FCE8	DOC			
648	FCE9	FLdFPR4			
649	FCEA	DOC			
650	FCEB	DOC			
651	FCEC	DOC			

652	FCED	FLdVar			
653	FCF0	FStUI1		um°	%p1 = %p2
654	FCF1	DOC			
655	FCF2	DOC			
656	FCF3	DOC			
657	FCF4	DOC			
658	FCF5	DOC			
659	FCF6	FStVar		umv	%p1 = %p2
660	FCF7	DOC			
661	FCF8	FStAd			
662	FCF9	DOC			
663	FCFA	DOC			
664	FCFB	FStVarAd			
665	FCFC	FStVarAdFunc			
666	FCFD	FStVarUnk			
667	FCFE	FStVarUnkFunc			
668	FCFF	DOC			
669	FD00	FStVarCopy			
670	FD01	DOC			
671	FD02	HardType			
672	FD03	DOC			
673	FD04	DOC			
674	FD05	BranchFVar		>up	
675	FD06	BranchFVarFree			
676	FD07	DOC			
677	FD08	BranchTVar			
678	FD09	BranchTVarFree			
679	FD0A	Gosub			
680	FD0B	DOC			
681	FD0C	Resume			
682	FD0D	AryLock			
683	FD0E	AryUnlock			
684	FD0F	AryDescTemp			
685	FD10	ILdUI1			
686	FD11	DOC			
687	FD12	ILdAd			
688	FD13	ILdAd			
689	FD14	ILdR8			
690	FD15	ILdR8			
691	FD16	ILdRfDarg			
692	FD17	ILdAd			

693	FD18	ILdAd			
694	FD19	ILdFPR4			
695	FD1A	ILdFPR8			
696	FD1B	ILdPr			
697	FD1C	FLdR4			
698	FD1D	ILdDarg			
699	FD20	IStUI1			
700	FD21	IStI2			
701	FD22	IStI4			
702	FD23	IStI4			
703	FD24	IStR8			
704	FD25	IStR8			
705	FD26	IStDarg			
706	FD27	IStStr			
707	FD28	IStAd			
708	FD29	IStFPR4			
709	FD2A	IStFPR8			
710	FD2B	IStDargAd			
711	FD2C	IStDargAdFunc			
712	FD2D	IStDargUnk			
713	FD2E	IStDargUnkFunc			
714	FD2F	IStAdFunc			
715	FD30	IStDargCopy			
716	FD31	IStStrCopy			
717	FD32	PrintChan			
718	FD33	WriteChan			
719	FD34	PrintComma			
720	FD35	PrintEos			
721	FD36	PrintNL			
722	FD37	PrintItemComma			
723	FD38	PrintItemSemi			
724	FD39	PrintItemNL			
725	FD3A	PrintObj			
726	FD3B	PrintSpc			
727	FD3C	PrintTab			
728	FD3D	Close			
729	FD3E	CloseAll			
730	FD3F	DOC			
731	FD40	IWMemLdUI1			
732	FD41	IWMemLdI2			
733	FD42	IWMemLdI4			

734	FD43	IWMemLdI4			
735	FD44	IWMemLdCy			
736	FD45	IWMemLdCy			
737	FD46	IWMemLdRfDarg			
738	FD47	IWMemLdI4			
739	FD48	IWMemLdI4			
740	FD49	IWMemLdFPR4			
741	FD4A	IWMemLdFPR8			
742	FD4B	IWMemLdPr			
743	FD4C	IWMemLdRf			
744	FD4D	IWMemLdDarg			
745	FD50	IWMemStUI1			
746	FD51	IWMemStI2			
747	FD52	IWMemStR4			
748	FD53	IWMemStR4			
749	FD54	IWMemStCy			
750	FD55	IWMemStCy			
751	FD56	IWMemStDarg			
752	FD57	IWMemStStr			
753	FD58	IWMemStAd			
754	FD59	IWMemStFPR4			
755	FD5A	IWMemStFPR8			
756	FD5B	IWMemStDargAd			
757	FD5C	IWMemStDargAdFunc			
758	FD5D	IWMemStDargUnk			
759	FD5E	IWMemStDargUnkFunc			
760	FD5F	IWMemStAdFunc			
761	FD60	IWMemStDargCopy			
762	FD61	IWMemStStrCopy			
763	FD62	DOC			
764	FD63	FStVarNoPop			
765	FD64	DOC			
766	FD67	CVarUI1		I	
767	FD68	CVarI2		I	
768	FD69	CVarI4		I	
769	FD6A	CVarR4		I	
770	FD6B	CVarR8		I	
771	FD6C	CVarCy		I	
772	FD6E	CVarStr		h%	
773	FD6F	CVarAd		h%	
774	FD70	MemLdUI1h%			

775	FD71	MemLdI2		h%	
776	FD72	MemLdR4		h%	
777	FD73	MemLdR4		h%	
778	FD74	MemLdR8		h%	
779	FD75	MemLdR8		h%	
780	FD76	MemLdRfVar		h%	
781	FD77	MemLdR4			
782	FD78	MemLdR4			
783	FD79	MemLdFPR4			
784	FD7A	MemLdFPR8			
785	FD7B	MemLdPr			
786	FD7C	MemLdRfVar			
787	FD7D	MemLdVar			
788	FD80	MemStUI1			
789	FD81	MemStI2			
790	FD82	MemStR4			
791	FD83	MemStR4			
792	FD84	MemStCy			
793	FD85	MemStCy			
794	FD86	MemStVar			
795	FD87	MemStStr			
796	FD88	MemStAd			
797	FD89	MemStFPR4			
798	FD8A	MemStFPR8			
799	FD8B	MemStVarAd			
800	FD8C	MemStVarAdFunc			
801	FD8D	MemStVarUnk			
802	FD8E	MemStVarUnkFunc			
803	FD8F	MemStAdFunc			
804	FD90	MemStVarCopy			
805	FD91	MemStStrCopy		ul	%p1 = %p2
806	FD93	CDargRef			
807	FD94	CVarRef			
808	FD95	ExitProcCb			
809	FD96	ExitProcCbStack			
810	FD99	DOC			
811	FD9A	DOC			
812	FD9B	DOC			
813	FD9C	FStAdNoPop		h%	
814	FD9D	DOC			
815	FD9E	DOC			

816	FD9F	LdPrVar			
817	FDA0	ImpAdLdUI1			
818	FDA1	ImpAdLdI2			
819	FDA2	ImpAdLdStr			
820	FDA3	ImpAdLdStr			
821	FDA4	ImpAdLdCy			
822	FDA5	ImpAdLdCy			
823	FDA6	DOC			
824	FDA7	ImpAdLdStr			
825	FDA8	ImpAdLdStr			
826	FDA9	ImpAdLdFPR4			
827	FDAA	ImpAdLdFPR8			
828	FDAB	ImpAdLdPr			
829	FDAC	DOC			
830	FDAD	ImpAdLdVar			
831	FDB0	ImpAdStUI1			
832	FDB1	ImpAdStI2			
833	FDB2	ImpAdStR4			
834	FDB3	ImpAdStR4			
835	FDB4	ImpAdStR8			
836	FDB5	ImpAdStR8			
837	FDB6	ImpAdStVar			
838	FDB7	ImpAdStStr			
839	FDB8	ImpAdStAd			
840	FDB9	ImpAdStFPR4			
841	FDBA	ImpAdStFPR8			
842	FDBB	ImpAdStVarAd			
843	FDBC	ImpAdStVarAdFunc			
844	FDBD	ImpAdStVarUnk			
845	FDBE	ImpAdStVarUnkFunc			
846	FDBF	ImpAdStAdFunc			
847	FDC0	ImpAdStVarCopy			
848	FDC1	ImpAdStStrCopy			
849	FDC2	PopTmpLdAd1			
850	FDC3	PopTmpLdAd2		I	
851	FDC4	PopTmpLdAdStr			
852	FDC5	PopTmpLdAd8			
853	FDC6	PopTmpLdAdVar			
854	FDC7	PopTmpLdAdStr			
855	FDC8	PopTmpLdAdFPR4			
856	FDC9	PopTmpLdAdFPR8			

857	FDCA	CopyBytes			
858	FDCB	ExitForCollObj			
859	FDCC	ExitForCollObj			
860	FDCD	ExitForCollObj			
861	FDCE	ExitForAryVar			
862	FDCF	ExitForVar			
863	FDD0	FMemLdUI1			
864	FDD1	FMemLdI2			
865	FDD2	FMemLdR4			
866	FDD3	FMemLdR4			
867	FDD4	FMemLdR8			
868	FDD5	FMemLdR8			
869	FDD6	FMemLdRf			
870	FDD7	FMemLdR4			
871	FDD8	FMemLdR4			
872	FDD9	FMemLdFPR4			
873	FDDA	FMemLdFPR8			
874	Fddb	FMemLdPr			
875	FDDC	FMemLdRf			
876	FDDD	FMemLdVar			
877	FDE0	FMemStUI1			
878	FDE1	FMemStI2			
879	FDE2	FMemStR4			
880	FDE3	FMemStR4			
881	FDE4	FMemStR8			
882	FDE5	FMemStR8			
883	FDE6	FMemStVar			
884	FDE7	FMemStStr			
885	FDE8	FMemStAd			
886	FDE9	FMemStFPR4			
887	FDEA	FMemStFPR8			
888	FDEB	FMemStVarAd			
889	FDEC	FMemStVarAdFunc			
890	FDED	FMemStVarUnk			
891	FDEE	FMemStVarUnkFunc			
892	FDEF	FMemStAdFunc			
893	FDF0	FMemStVarCopy			
894	FDF1	FMemStStrCopy			
895	FDF2	CastAd			
896	FDF3	CastAdVar			
897	FDF4	New			

898	FDF5	NewIfNullRf			
899	FDF6	NewIfNullAd			
900	FDF7	DOC			
901	FDF8	CVarBoolI2			
902	FDF9	CVarDateVar			
903	FDFA	CVarErrI4			
904	FDFB	CVarDate			
905	FDFC	CVarAryVarg			
906	FDFD	CStrVarTmp			
907	FDFE	CStrVarVal			
908	FDFE	DestructOFrame			
909	FE00	ThisVCallUI1			
910	FE01	ThisVCallI2			
911	FE02	ThisVCallI2			
912	FE03	ThisVCallR4			
913	FE04	ThisVCallR8			
914	FE05	ThisVCallCy			
915	FE07	ThisVCallI2			
916	FE08	ThisVCallI2			
917	FE09	ThisVCallHidden			
918	FE0A	ThisVCallHidden			
919	FE0C	ThisVCallHidden			
920	FE0D	ThisVCallCbFrame			
921	FE0E	StLsetFixStr			
922	FE0F	StFixedStrFree			
923	FE10	VCallUI1			
924	FE11	VCallStr			
925	FE12	VCallStr			
926	FE13	VCallR4			
927	FE14	VCallR8			
928	FE15	VCallCy			
929	FE17	VCallStr			
930	FE18	VCallStr			
931	FE19	VCallFPR8			
932	FE1A	VCallFPR8			
933	FE1C	VCallFPR8			
934	FE1D	VCallCbFrame			
935	FE1E	StFixedStrR			
936	FE1F	StFixedStrRFree			
937	FE20	ImpAdCallUI1			
938	FE21	ImpAdCallI4			

939	FE22	DOC			
940	FE23	ImpAdCallR4			
941	FE24	ImpAdCallR8			
942	FE25	ImpAdCallCy			
943	FE27	ImpAdCallI4			
944	FE28	DOC			
945	FE29	DOC			
946	FE2A	DOC			
947	FE2C	DOC			
948	FE2D	ImpAdCallCbFrame			
949	FE2E	LdStkRf			
950	FE2F	LdFrameRf			
951	FE3D	LitVarUI1			
952	FE4D	SetVarVar			
953	FE4E	SetVarVarFunc			
954	FE4F	ImpAdCallHresult			
955	FE5D	OpenFile			
956	FE5E	LockFile			
957	FE60	EraseDestruct			
958	FE61	LdFixedStr			
959	FE62	ForUI1		l>p	For %p2 = %p3 to %p1 <
960	FE63	ForI2		l>p	For %p2 = %p3 to %p1 <
961	FE64	ForI4		l>p	For %p2 = %p3 to %p1 <
962	FE65	ForR4		l>p	For %p2 = %p3 to %p1 <
963	FE66	ForR8		l>p	For %p2 = %p3 to %p1 <
964	FE67	ForCy		l>p	For %p2 = %p3 to %p1 <
965	FE68	ForVar		l>p	For %p2 = %p3 to %p1 <
966	FE6A	ForStepUI1		l>p	For %p3 = %p4 to %p2 Step %p1 <
967	FE6B	ForStepI2		l>p	For %p3 = %p4 to %p2 Step %p1 <
968	FE6C	ForStepI4		l>p	For %p3 = %p4 to %p2 Step %p1 <
969	FE6D	ForStepR4		l>p	For %p3 = %p4 to %p2 Step %p1 <
970	FE6E	ForStepR8		l>p	For %p3 = %p4 to %p2 Step %p1 <
971	FE6F	ForStepCy		l>p	For %p3 = %p4 to %p2 Step %p1 <
972	FE70	ForStepVar		l>p	For %p3 = %p4 to %p2 Step %p1 <
973	FE72	ForEachCollVar			
974	FE73	NextEachCollVar			
975	FE74	ForEachCollAd			
976	FE75	NextEachCollAd			
977	FE76	ForEachAryVar			
978	FE77	NextEachAryVar			
979	FE78	NextUI1			

980	FE79	DOC			
981	FE7A	DOC			
982	FE7B	DOC			
983	FE7C	NextR8			
984	FE7D	DOC			
985	FE7E	NextStepVar		lh%	Next %p1
986	FE80	NextStepUI1			
987	FE81	DOC			
988	FE82	NextStepI4			
989	FE83	NextStepR4			
990	FE84	DOC			
991	FE85	DOC			
992	FE86	DOC			
993	FE88	ForEachCollObj			
994	FE89	ForEachVar			
995	FE8A	ForEachVarFree			
996	FE8B	NextEachCollObj			
997	FE8C	NextEachVar			
998	FE8D	CheckType			
999	FE8E	Redim		h&h&	Redim %p1(%p2)
1000	FE8F	RedimPreserve		h&h&	Redim Preserve %p1(%p2)
1001	FE90	RedimVar			
1002	FE91	RedimPreserveVar			
1003	FE92	FDupVar			
1004	FE93	FDupStr			
1005	FE95	OnGosub			
1006	FE96	OnGoto			
1007	FE97	AddRef			
1008	FE98	LateMemCall			
1009	FE99	LateMemLdVar			
1010	FE9A	LateMemCallLdVar			
1011	FE9B	LateMemSt			
1012	FE9C	LateMemCallSt			
1013	FE9D	LateMemStAd			
1014	FE9E	ExitProcFrameCb			
1015	FE9F	ExitProcFrameCbStack			
1016	FEA0	LateldCall			
1017	FEA1	LateldLdVar			
1018	FEA2	LateldCallLdVar			
1019	FEA3	LateldSt			
1020	FEA4	LateldCallSt			

1021	FEA5	LateldStAd			
1022	FEA6	LateMemNamedCall			
1023	FEA7	LateMemNamedCallLdVar			
1024	FEA8	LateMemNamedCallSt			
1025	FEA9	LateMemNamedStAd			
1026	FEAA	LateldNamedCall			
1027	FEAB	LateldNamedCallLdVar			
1028	FEAC	LateldNamedCallSt			
1029	FEAD	LateldNamedStAd			
1030	FEAE	VarIndexLdVar			
1031	FEAF	VarIndexLdRfVar			
1032	FEB0	VarIndexSt			
1033	FEB1	VarIndexStAd			
1034	FEB2	DOC			
1035	FEB3	DOC			
1036	FEB4	DOC			
1037	FEB5	DOC			
1038	FEB6	LitI2FP			
1039	FEB7	LitCy4			
1040	FEB8	DOC			
1041	FEB9	DOC			
1042	FEBA	LitR4FP			
1043	FEBB	LitR8			
1044	FEBC	LitR8			
1045	FEBD	LitR8FP			
1046	FEBE	LitR8FP			
1047	FEBF	DOC			
1048	FEC0	DOC			
1049	FEC1	LitVarI4			
1050	FEC2	LitVarR4			
1051	FEC3	LitVarCy			
1052	FEC4	LitVarR8			
1053	FEC5	LitVarDate			
1054	FEC6	DOC			
1055	FEC7	CStrBool			
1056	FEC8	CStrDate			<CStr(%p1)
1057	FEC9	CDateStr			<CDate(%p1)
1058	FECC	FreeStrNoPop			
1059	FECD	FreeVarNoPop			
1060	FECE	FreeAdNoPop			
1061	FECF	EraseNoPop			

1062	FED0	WMemLdUI1			
1063	FED1	WMemLdI2			
1064	FED2	WMemLdStr			
1065	FED3	WMemLdStr			
1066	FED4	WMemLdCy			
1067	FED5	WMemLdCy			
1068	FED6	WMemLdRfVar			
1069	FED7	WMemLdStr			
1070	FED8	WMemLdStr			
1071	FED9	WMemLdFPR4			
1072	FEDA	WMemLdFPR8			
1073	FEDB	IWMemLdPr			
1074	FEDC	WMemLdRfVar			
1075	FEDD	WMemLdVar			
1076	FEE0	WMemStUI1			
1077	FEE1	WMemStI2			
1078	FEE2	WMemStR4			
1079	FEE3	WMemStR4			
1080	FEE4	WMemStR8			
1081	FEE5	WMemStR8			
1082	FEE6	WMemStVar			
1083	FEE7	WMemStStr			
1084	FEE8	WMemStAd			
1085	FEE9	WMemStFPR4			
1086	FE EA	WMemStFPR8			
1087	FE EB	WMemStVarAd			
1088	FE EC	WMemStVarAdFunc			
1089	FE ED	WMemStVarUnk			
1090	FE EE	WMemStVarUnkFunc			
1091	FE EF	WMemStAdFunc			
1092	FE F0	WMemStVarCopy			
1093	FE F1	WMemStStrCopy			
1094	FE F2	VarIndexLdRfVarLock			
1095	FE F5	AssignRecord			
1096	FE F6	DestructAnsiOFrame			
1097	FE F7	FStVarZero			
1098	FE F8	DOC			
1099	FE F9	VerifyVarObj			
1100	FE FA	VerifyPVarObj			
1101	FE FB	FnInStrB4			<InStrB(%p4,%p3,%p2,%p1)
1102	FE FC	FnInStrB4Var			

1103	FEFD	FnInStr4			<InStr(%p4,%p3,%p2,%p1)
1104	FEFE	FnInStr4Var			
1105	FEFF	FnStrComp3			
1106	FF00	FnStrComp3Var			
1107	FF01	StAryMove			
1108	FF02	StAryCopy			
1109	FF03	StAryRecMove			
1110	FF04	StAryRecCopy			
1111	FF06	AryInRecLdPr			
1112	FF07	AryInRecLdRf			
1113	FF08	CExtInstUnk			
1114	FF09	IStVarCopyObj			
1115	FF0A	ArrayRebase1Var			
1116	FF0B	Assert			
1117	FF0C	RaiseEvent			
1118	FF0D	PrintObject			
1119	FF0E	PrintFile			
1120	FF0F	WriteFile			
1121	FF10	InputFile			
1122	FF12	GetRecFxStr3			
1123	FF13	GetRecFxStr4			
1124	FF14	PutRecFxStr3			
1125	FF15	PutRecFxStr4			
1126	FF16	GetRecOwn3			
1127	FF17	GetRecOwn4			
1128	FF18	PutRecOwn3			
1129	FF19	PutRecOwn4			
1130	FF1A	LitI2_Byte			
1131	FF1B	CBoolVarNull			
1132	FF1C	LargeBos			
1133	FF1E	ImpAdCallNonVirt			
1134	FF2A	DestructRecord			
1135	FF2B	DOC			
1136	FF2C	DOC			
1137	FF2D	ZeroRetVal			
1138	FF2E	ZeroRetValVar			
1139	FF2F	ExitProcCbHresult		}h&	}
1140	FF30	ExitProcFrameCbHresult			
1141	FF31	EraseDestrKeepData			
1142	FF32	CDargRefUdt			
1143	FF33	CVarRefUdt			

1144	FF34	CVarUdt			
1145	FF35	StUdtVar			
1146	FF36	StAryVar			
1147	FF37	CopyBytesZero			
1148	FF38	FLdZeroAry			
1149	FF39	DOC			
1150	FF3A	CVarAryUdt			
1151	FF3B	RedimVarUdt			
1152	FF3C	RedimPreserveVarUdt			
1153	FF3D	VarLateMemLdRfVar			
1154	FF3E	VarLateMemCallLdRfVar			
1155	FF41	VarLateMemLdVar			
1156	FF42	VarLateMemCallLdVar			
1157	FF43	VarLateMemSt			
1158	FF44	VarLateMemCallSt			
1159	FF45	VarLateMemStAd			

Argument String Explanation

Each byte of the argstring is read one at a time. Here is a definition list of the functions of each byte:

Informative:

Takes no bytes tells how to process data

[Line number On/Off](#) | [Expand/Contract](#) | [Select all](#)

```
'>' put the following hex in subsegments up to next
      offset following ArgStr char should be "p" for
      procedure address
'h'   return hex output of following typechars. possible(°,%,&);
'}'   End Procedure
```

Arguments

Will usually take bytes from the datastream

[Line number On/Off](#) | [Expand/Contract](#) | [Select all](#)

```
'.'   name Of Object at the Address specified
      by a Long off the datastream
'b'   a byte off the datastream - formerly ''
'%'   an integer off the datastream
'&'   a long off the datastream
'!'   a single off the datastream
'a'   an argument reference. Followed by an Int and a type char.
      Takes variable out of the ConstantPool
'c'   return the control index,uses one int from the datastream
'l'   return Local variable reference(uses int off datastream)
'L'   take (Value of Int off DataStream) local variable references
'm'   return Local Variable reference followed by typechar
'n'   return hex Integer
'o'   return item off the stack(Pop)
```

'p'	return (value of Integer off datastream) + Procedure Base Address
't'	followed by typechar('o' return ObjectName;'c' return control name)
'u'	push...not used anymore
'v'	vTable this is slightly complicated ;)
'z'	return Null-Termed Unicode String From File(not used?)

Type Characters

Line number On/Off | Expand/Contract | Select all

'b'	Byte
'?'	Boolean
'%'	Integer
'!'	Single
'&'	Long
'~'	Variant
'z'	String

Compiled from:

<http://web.archive.org/web/20101127044116/http://vb-decompiler.com/pcode/opcodes.php?t=1>

<http://web.archive.org/web/20080703020153/http://www.vb-decompiler.com/viewtopic.php?t=1702>