

00D10BF7	55	push ebp						
00D10BF8	68 5009D100	push 00D10950	{ 0C24448B }					
00D10BFD	33 DB	xor ebx,ebx						
00D10BF7	68 2009D100	push 00D10920	{ 11024448B }					
00D10C04	33 ED	xor ebp,ebp						
00D10C06	89 5C 24 40	mov [esp+40],ebx						
00D10C0A	FF 15 5CA6E000	call dword ptr [00E0A65C]	{ ->50049C10 }					
00D10C10	E8 7BBACCFE	call 009DC690						
00D10C15	68 1883E900	push 00E98318	{ ["NIVAL_H5"] }					
00D10C1A	6A 01	push 01	{ 1 }					
00D10C1C	55	push ebp						
00D10C1D	FF 15 54A1E000	call dword ptr [00E0A154]	{ ->752EEDC0 }					
00D10C23	89 44 24 38	mov [esp+38],eax						
00D10C27	FF 15 C4A0E000	call dword ptr [00E0A0C4]	{ ->752CA010 }					
00D10C2D	3D B7000000	cmp eax,000000B7	{ 183 }					
00D10C32	75 1F	jne 00D10C53		HACK: Multiple Instances:	00D10C32	EB 1F	jmp 00D10C53	
00D10C34	55	push ebp						
00D10C35	68 7459E300	push 00E35974	{ ["Error"] }					
00D10C3A	68 C882E900	push 00E982C8	{ ["You can't run game and editor or two instances of any of then a"] }					
00D10C3F	55	push ebp						
00D10C40	FF 15 80A4E000	call dword ptr [00E0A480]	{ ->744BD000 }					
00D10C46	5D	pop ebp						
00D10C47	33 C0	xor eax,eax						
00D10C49	5B	pop ebx						
00D10C4A	81 C4 D8010000	add esp,000001D8	{ 472 }					
00D10C50	C2 1000	ret 0010	{ 16 }					
00D10C53	56	push esi						
00D10C54	6A 01	push 01	{ 1 }					
00D10C56	FF 15 1CA1E000	call dword ptr [00E0A11C]	{ ->77278BF0 }					
00D10C5C	E8 4FA2E5FF	call 00B6AEB0						
00D10C61	E8 2ABACCFE	call 009DC690						
00D10C66	E8 F56EB2FF	call 00837B60						
00D10C6B	68 CFB7E000	push 00E0B7CF	{ [0] }					
00D10C70	68 CFB7E000	push 00E0B7CF	{ [0] }					
00D10C75	8D 4C 24 18	lea ecx,[esp+18]						
00D10C79	89 6C 24 18	mov [esp+18],ebp						
00D10C7D	89 6C 24 1C	mov [esp+1C],ebp						
00D10C81	89 6C 24 20	mov [esp+20],ebp						
00D10C85	E8 960E6FFF	call 00401B20						
00D10C8A	BA 02000000	mov edx,00000002	{ 2 }					
00D10C8F	8D 4C 24 10	lea ecx,[esp+10]						
00D10C93	E8 C8A9F7FF	call 00C8B660						
00D10C98	8B 44 24 10	mov eax,[esp+10]						
00D10C9C	50	push eax						
00D10C9D	E8 9E85B6FF	call 00879240						
00D10CA2	83 C4 04	add esp,04	{ 4 }					
00D10CA5	E8 C86AB2FF	call 00837770						
00D10CAA	84 C0	test al,al						
00D10CAC	0F85 B1000000	jne 00D10D63						
00D10CB2	68 C182E900	push 00E982C1	{ [0] }					
00D10CB7	68 A482E900	push 00E982A4	{ ["ORIGINAL_GAME_NOT_FOUND_ERROR"] }					
00D10CBC	8D 4C 24 34	lea ecx,[esp+34]						
00D10CC0	89 6C 24 34	mov [esp+34],ebp						
00D10CC4	89 6C 24 38	mov [esp+38],ebp						
00D10CC8	89 6C 24 3C	mov [esp+3C],ebp						
00D10CCC	E8 4F0E6FFF	call 00401B20						
00D10CD1	68 A382E900	push 00E982A3	{ [0] }					
00D10CD6	68 8C82E900	push 00E9828C	{ ["ORIGINAL_GAME_NOT_FOUND"] }					
00D10CDB	8D 4C 24 18	lea ecx,[esp+18]						
00D10CDF	89 6C 24 18	mov [esp+18],ebp						
00D10CE3	89 6C 24 1C	mov [esp+1C],ebp						
00D10CE7	89 6C 24 20	mov [esp+20],ebp						
00D10CEB	E8 300E6FFF	call 00401B20						
00D10CF0	8D 4C 24 2C	lea ecx,[esp+2C]						
00D10CF4	E8 5732ABFF	call 007C3F50						
00D10CF9	8B D0	mov edx,eax						
00D10CFB	8D 4C 24 40	lea ecx,[esp+40]						
00D10CFF	E8 6C126FFF	call 00401F70						
00D10D04	8B 30	mov esi,[eax]						
00D10D06	8D 4C 24 10	lea ecx,[esp+10]						
00D10D0A	E8 4132ABFF	call 007C3F50						
00D10D0F	8B D0	mov edx,eax						
00D10D11	8D 4C 24 20	lea ecx,[esp+20]						
00D10D15	E8 56126FFF	call 00401F70						
00D10D1A	8B 08	mov ecx,[eax]						
00D10D1C	6A 10	push 10	{ 16 }					
00D10D1E	56	push esi						
00D10D1F	51	push ecx						
00D10D20	55	push ebp						
00D10D21	FF 15 80A4E000	call dword ptr [00E0A480]	{ ->744BD000 }					
00D10D27	8B 54 24 20	mov edx,[esp+20]						
00D10D2B	52	push edx						
00D10D2C	E8 0F85B6FF	call 00879240						
00D10D31	8B 44 24 44	mov eax,[esp+44]						
00D10D35	50	push eax						
00D10D36	E8 0585B6FF	call 00879240						
00D10D3B	8B 4C 24 18	mov ecx,[esp+18]						
00D10D3F	51	push ecx						
00D10D40	E8 FB84B6FF	call 00879240						
00D10D45	8B 54 24 38	mov edx,[esp+38]						
00D10D49	52	push edx						
00D10D4A	E8 F184B6FF	call 00879240						
00D10D4F	83 C4 10	add esp,10	{ 16 }					

00D10D52	5E	pop esi							
00D10D53	5D	pop ebp							
00D10D54	B8 ADDE0000	mov eax,0000DEAD	{ 57005 }						
00D10D59	5B	pop ebx							
00D10D5A	81 C4 D8010000	add esp,000001D8	{ 472 }						
00D10D60	C2 1000	ret 0010	{ 16 }						
00D10D63	FF 15 A8A0E000	call dword ptr [00E0A0A8]	{ ->752D67F0 }						
00D10D69	85 C0	test eax,eax							
00D10D6B	0F94 C0	sete al							
00D10D6E	84 C0	test al,al							
00D10D70	88 44 24 0E	mov [esp+0E],al							
00D10D74	74 33	je 00D10DA9							
00D10D76	8B 8C 24 E8010000	mov ecx,[esp+000001E8]							
00D10D7D	E8 7E0A0000	call 00D11800							
00D10D82	68 7C82E900	push 00E9827C	{ ["splash2.bmp"] }						
00D10D87	BB 01000000	mov ebx,00000001	{ 1 }						
00D10D8C	E8 EF76B2FF	call 00838480							
00D10D91	8B D0	mov edx,eax							
00D10D93	8D 4C 24 24	lea ecx,[esp+24]							
00D10D97	E8 D44170FF	call 00414F70							
00D10D9C	8A D3	mov dl,bl							
00D10D9E	8B C8	mov ecx,eax							
00D10DA0	E8 4B47B7FF	call 008854F0							
00D10DA5	8B F0	mov esi,eax							
00D10DA7	EB 02	jmp 00D10DAB							
00D10DA9	33 F6	xor esi,esi							
00D10DAB	3B F5	cmp esi,ebp							
00D10DAD	89 74 24 38	mov [esp+38],esi							
00D10DB1	74 04	je 00D10DB7							
00D10DB3	83 46 04 01	add dword ptr [esi+04],01	{ 1 }						
00D10DB7	F6 C3 01	test bl,01	{ 1 }						
00D10DBA	74 0D	je 00D10DC9							
00D10DBC	8B 44 24 20	mov eax,[esp+20]							
00D10DC0	50	push eax							
00D10DC1	E8 7A84B6FF	call 00879240							
00D10DC6	83 C4 04	add esp,04	{ 4 }						
00D10DC9	68 7982E900	push 00E98279	{ [0] }						
00D10DCE	68 7082E900	push 00E98270	{ ["APP_TITLE"] }						
00D10DD3	8D 4C 24 34	lea ecx,[esp+34]							
00D10DD7	89 6C 24 34	mov [esp+34],ebp							
00D10DD8	89 6C 24 38	mov [esp+38],ebp							
00D10DDF	89 6C 24 3C	mov [esp+3C],ebp							
00D10DE3	E8 380D6FFF	call 00401B20							
00D10DE8	8D 4C 24 2C	lea ecx,[esp+2C]							
00D10DEC	E8 5F31ABFF	call 007C3F50							
00D10DF1	89 6C 24 10	mov [esp+10],ebp							
00D10DF5	89 6C 24 14	mov [esp+14],ebp							
00D10DF9	89 6C 24 18	mov [esp+18],ebp							
00D10DFD	8B 48 04	mov ecx,[eax+04]							
00D10E00	8B 10	mov edx,[eax]							
00D10E02	51	push ecx							
00D10E03	52	push edx							
00D10E04	8D 4C 24 18	lea ecx,[esp+18]							
00D10E08	E8 F3CD6FFF	call 0040DC00							
00D10E0D	8B 44 24 2C	mov eax,[esp+2C]							
00D10E11	50	push eax							
00D10E12	E8 2984B6FF	call 00879240							
00D10E17	8B 4C 24 14	mov ecx,[esp+14]							
00D10E1B	83 C4 04	add esp,04	{ 4 }						
00D10E1E	3B 4C 24 14	cmp ecx,[esp+14]							
00D10E22	75 24	jne 00D10E48							
00D10E24	68 6882E900	push 00E98268	{ [00350048] }						
00D10E29	FF 15 C4A2E000	call dword ptr [00E0A2C4]	{ ->7C35043C }						
00D10E2F	83 C4 04	add esp,04	{ 4 }						
00D10E32	8D 14 45 6882E900	lea edx,[eax*2+00E98268]							
00D10E39	52	push edx							
00D10E3A	68 6882E900	push 00E98268	{ [00350048] }						
00D10E3F	8D 4C 24 18	lea ecx,[esp+18]							
00D10E43	E8 284B78FF	call 00495970							
00D10E48	57	push edi							
00D10E49	8D 54 24 14	lea edx,[esp+14]							
00D10E4D	8D 4C 24 24	lea ecx,[esp+24]							
00D10E51	E8 1A116FFF	call 00401F70							
00D10E56	8B 7C 24 24	mov edi,[esp+24]							
00D10E5A	8B 8C 24 EC010000	mov ecx,[esp+000001EC]							
00D10E61	6A 65	push 65	{ 101 }						
00D10E63	57	push edi							
00D10E64	BA 6482E900	mov edx,00E98264	{ [00003548] }						
00D10E69	E8 42AEF2FF	call 00C3BCB0							
00D10E6E	84 C0	test al,al							
00D10E70	57	push edi							
00D10E71	75 42	jne 00D10EB5							
00D10E73	E8 C883B6FF	call 00879240							
00D10E78	8B 44 24 18	mov eax,[esp+18]							
00D10E7C	50	push eax							
00D10E7D	E8 BE83B6FF	call 00879240							
00D10E82	83 C4 08	add esp,08	{ 8 }						
00D10E85	3B F5	cmp esi,ebp							
00D10E87	74 1A	je 00D10EA3							
00D10E89	83 46 04 FF	add dword ptr [esi+04],-01	{ 255 }						
00D10E8D	8B 46 04	mov eax,[esi+04]							
00D10E90	A9 FFFF0F00	test eax,000FFFFFFF	{ 1048575 }						
00D10E95	75 0C	jne 00D10EA3							
00D10E97	68 FFFF0F00	push 000FFFFFFF	{ 1048575 }						

00D10E9C	8B CE	mov ecx,esi							
00D10E9E	E8 2D53BBFF	call 008C61D0							
00D10EA3	5F	pop edi							
00D10EA4	5E	pop esi							
00D10EA5	5D	pop ebp							
00D10EA6	B8 ADDE0000	mov eax,0000DEAD	{ 57005 }						
00D10EAB	5B	pop ebx							
00D10EAC	81 C4 D8010000	add esp,000001D8	{ 472 }						
00D10EB2	C2 1000	ret 0010	{ 16 }						
00D10EB5	E8 8683B6FF	call 00879240							
00D10EBA	8B 4C 24 18	mov ecx,[esp+18]							
00D10EBE	51	push ecx							
00D10EBF	E8 7C83B6FF	call 00879240							
00D10EC4	83 C4 08	add esp,08	{ 8 }						
00D10EC7	E8 14A2F2FF	call 00C3B0E0							
00D10ECC	8B C8	mov ecx,eax							
00D10ECE	E8 FD06D3FF	call 00A415D0							
00D10ED3	84 C0	test al,al							
00D10ED5	75 2D	jne 00D10F04							
00D10ED7	55	push ebp							
00D10ED8	68 7459E300	push 00E35974	{ ["Error"] }						
00D10EED	68 4482E900	push 00E98244	{ ["Failed to initialize Direct3D9"] }						
00D10EE2	55	push ebp							
00D10EE3	FF 15 80A4E000	call dword ptr [00E0A480]	{ ->744BD000 }						
00D10EE9	8D 4C 24 3C	lea ecx,[esp+3C]							
00D10EED	E8 FE8975FF	call 004698F0							
00D10EF2	5F	pop edi							
00D10EF3	5E	pop esi							
00D10EF4	5D	pop ebp							
00D10EF5	B8 ADDE0000	mov eax,0000DEAD	{ 57005 }						
00D10EFA	5B	pop ebx							
00D10EFB	81 C4 D8010000	add esp,000001D8	{ 472 }						
00D10F01	C2 1000	ret 0010	{ 16 }						
00D10F04	E8 87B7CCFF	call 009DC690							
00D10F09	E8 D2A1F2FF	call 00C3B0E0							
00D10F0E	8B C8	mov ecx,eax							
00D10F10	E8 7BEAFDFF	call 00CEF990							
00D10F15	84 C0	test al,al							
00D10F17	75 17	jne 00D10F30							
00D10F19	55	push ebp							
00D10F1A	68 7459E300	push 00E35974	{ ["Error"] }						
00D10F1F	68 2882E900	push 00E98228	{ ["Failed to initialize FMod"] }						
00D10F24	55	push ebp							
00D10F25	FF 15 80A4E000	call dword ptr [00E0A480]	{ ->744BD000 }						
00D10F2B	E9 B3040000	jmp 00D113E3							
00D10F30	83 CB FF	or ebx,-01	{ 255 }						
00D10F33	53	push ebx							
00D10F34	55	push ebp							
00D10F35	E8 A6A1F2FF	call 00C3B0E0							
00D10F3A	32 D2	xor dl,dl							
00D10F3C	8B C8	mov ecx,eax							
00D10F3E	E8 9D2CF3FF	call 00C43BE0							
00D10F43	E8 5843B2FF	call 008352A0							
00D10F48	E8 132380FF	call 00513260							
00D10F4D	3B C5	cmp eax,ebp							
00D10F4F	75 04	jne 00D10F55							
00D10F51	33 FF	xor edi,edi							
00D10F53	EB 17	jmp 00D10F6C							
00D10F55	55	push ebp							
00D10F56	68 7C65F400	push 00F4657C	{ [00E98370] }						
00D10F5B	68 A456F400	push 00F456A4	{ [00E98370] }						
00D10F60	55	push ebp							
00D10F61	50	push eax							
00D10F62	E8 950A0000	call 00D119FC	{ ->7C35A28F }						
00D10F67	83 C4 14	add esp,14	{ 20 }						
00D10F6A	8B F8	mov edi,eax							
00D10F6C	8B CF	mov ecx,edi							
00D10F6E	E8 7D59DFFF	call 00B068F0							
00D10F73	84 C0	test al,al							
00D10F75	0F84 57010000	je 00D110D2							
00D10F7B	83 C7 0C	add edi,0C	{ 12 }						
00D10F7E	57	push edi							
00D10F7F	8D 4C 24 18	lea ecx,[esp+18]							
00D10F83	E8 38B597FF	call 0068C4C0							
00D10F88	68 4891E400	push 00E49148	{ [00000000] }						
00D10F8D	8D 4C 24 54	lea ecx,[esp+54]							
00D10F91	E8 1AED95FF	call 0066FCB0							
00D10F96	68 2082E900	push 00E98220	{ ["p2pdir"] }						
00D10F9B	8D 4C 24 28	lea ecx,[esp+28]							
00D10F9F	E8 0C0B6FFF	call 00401AB0							
00D10FA4	8D 54 24 44	lea edx,[esp+44]							
00D10FA8	52	push edx							
00D10FA9	8D 54 24 54	lea edx,[esp+54]							
00D10FAD	8D 4C 24 28	lea ecx,[esp+28]							
00D10FB1	E8 AA08F0FF	call 00C11860							
00D10FB6	8B C8	mov ecx,eax							
00D10FB8	E8 F3127BFF	call 004C22B0							
00D10FBD	8D 54 24 44	lea edx,[esp+44]							
00D10FC1	8D 4C 24 30	lea ecx,[esp+30]							
00D10FC5	E8 A60F6FFF	call 00401F70							
00D10FCA	8B 44 24 44	mov eax,[esp+44]							
00D10FCE	50	push eax							
00D10FCF	E8 6C82B6FF	call 00879240							
00D10FD4	8B 4C 24 28	mov ecx,[esp+28]							

00D10FD8	51	push ecx					
00D10FD9	E8 6282B6FF	call 00879240					
00D10FDE	8B 54 24 5C	mov edx,[esp+5C]					
00D10FE2	52	push edx					
00D10FE3	E8 5882B6FF	call 00879240					
00D10FE8	8B 7C 24 20	mov edi,[esp+20]					
00D10FEC	83 C4 0C	add esp,0C	{ 12 }				
00D10FEF	3B 7C 24 18	cmp edi,[esp+18]					
00D10FF3	0F84 C3000000	je 00D110BC					
00D10FF9	8B 44 24 30	mov eax,[esp+30]					
00D10FFD	3B 44 24 34	cmp eax,[esp+34]					
00D11001	0F84 B5000000	je 00D110BC					
00D11007	B2 5C	mov di,5C	{ 92 }				
00D11009	8D 4C 24 30	lea ecx,[esp+30]					
00D1100D	E8 BEA3CDFF	call 009EB3D0					
00D11012	68 1882E900	push 00E98218	{ ["h5m"] }				
00D11017	8D 54 24 34	lea edx,[esp+34]					
00D1101B	8D 4C 24 48	lea ecx,[esp+48]					
00D1101F	E8 4C3F70FF	call 00414F70					
00D11024	8B 08	mov ecx,[eax]					
00D11026	51	push ecx					
00D11027	8D 4C 24 28	lea ecx,[esp+28]					
00D1102B	E8 800A6FFF	call 00401AB0					
00D11030	8D 54 24 24	lea edx,[esp+24]					
00D11034	52	push edx					
00D11035	8D 8C 24 90000000	lea ecx,[esp+00000090]					
00D1103C	E8 7F3277FF	call 004842C0					
00D11041	8B 44 24 24	mov eax,[esp+24]					
00D11045	50	push eax					
00D11046	E8 F581B6FF	call 00879240					
00D1104B	8B 4C 24 48	mov ecx,[esp+48]					
00D1104F	51	push ecx					
00D11050	E8 EB81B6FF	call 00879240					
00D11055	83 C4 08	add esp,08	{ 8 }				
00D11058	39 9C 24 8C000000	cmp [esp+0000008C],ebx					
00D1105F	74 4F	je 00D110B0					
00D11061	8B 94 24 90000000	mov edx,[esp+00000090]					
00D11068	C1 EA 04	shr edx,04	{ 4 }				
00D1106B	F6 C2 01	test di,01	{ 1 }				
00D1106E	75 2B	jne 00D1109B					
00D11070	8D 44 24 24	lea eax,[esp+24]					
00D11074	50	push eax					
00D11075	8D 8C 24 90000000	lea ecx,[esp+00000090]					
00D1107C	E8 6F3077FF	call 004840F0					
00D11081	8B 0F	mov ecx,[edi]					
00D11083	8B 11	mov edx,[ecx]					
00D11085	53	push ebx					
00D11086	8D 44 24 28	lea eax,[esp+28]					
00D1108A	50	push eax					
00D1108B	FF 52 2C	call dword ptr [edx+2C]					
00D1108E	8B 4C 24 24	mov ecx,[esp+24]					
00D11092	51	push ecx					
00D11093	E8 A881B6FF	call 00879240					
00D11098	83 C4 04	add esp,04	{ 4 }				
00D1109B	8D 8C 24 8C000000	lea ecx,[esp+0000008C]					
00D110A2	E8 F92477FF	call 004835A0					
00D110A7	39 9C 24 8C000000	cmp [esp+0000008C],ebx					
00D110AE	75 B1	jne 00D11061					
00D110B0	8D 8C 24 8C000000	lea ecx,[esp+0000008C]					
00D110B7	E8 D42F77FF	call 00484090					
00D110BC	8B 54 24 30	mov edx,[esp+30]					
00D110C0	52	push edx					
00D110C1	E8 7A81B6FF	call 00879240					
00D110C6	83 C4 04	add esp,04	{ 4 }				
00D110C9	8D 4C 24 14	lea ecx,[esp+14]					
00D110CD	E8 2E37F2FF	call 00C34800					
00D110D2	8D 54 24 68	lea edx,[esp+68]					
00D110D6	B1 01	mov cl,01	{ 1 }				
00D110D8	89 6C 24 68	mov [esp+68],ebp					
00D110DC	89 6C 24 6C	mov [esp+6C],ebp					
00D110E0	89 6C 24 70	mov [esp+70],ebp					
00D110E4	89 6C 24 74	mov [esp+74],ebp					
00D110E8	89 6C 24 78	mov [esp+78],ebp					
00D110EC	89 6C 24 7C	mov [esp+7C],ebp					
00D110F0	E8 9BF8F5FF	call 00C70990					
00D110F5	84 C0	test al,al					
00D110F7	75 17	jne 00D11110					
00D110F9	55	push ebp					
00D110FA	68 7459E300	push 00E35974	{ ["Error"] }				
00D110FF	68 FC81E900	push 00E981FC	{ ["Failed to set display mode"] }				
00D11104	55	push ebp					
00D11105	FF 15 80A4E000	call dword ptr [00E0A480]	{ ->744BD000 }				
00D1110B	E9 CA020000	jmp 00D113DA					
00D11110	E8 1BF9DFFF	call 00CF0A30					
00D11115	E8 76B5CCFF	call 009DC690					
00D1111A	8D 4C 24 50	lea ecx,[esp+50]					
00D1111E	E8 AD49B2FF	call 00835AD0					
00D11123	50	push eax					
00D11124	68 8433E100	push 00E13384	{ [0000005C] }				
00D11129	8D 8C 24 88000000	lea ecx,[esp+00000088]					
00D11130	E8 6B49B2FF	call 00835AA0					
00D11135	50	push eax					
00D11136	BA C899E400	mov edx,00E499C8	{ [005C2E2E] }				
00D1113B	8D 4C 24 20	lea ecx,[esp+20]					

00D1113F	E8 CC677BFF	call 004C7910					
00D11144	8B D0	mov edx,eax					
00D11146	8D 4C 24 38	lea ecx,[esp+38]					
00D1114A	E8 213E70FF	call 00414F70					
00D1114F	8B D0	mov edx,eax					
00D11151	8D 4C 24 48	lea ecx,[esp+48]					
00D11155	E8 B63E70FF	call 00415010					
00D1115A	8B D3	mov edx,ebx					
00D1115C	8B C8	mov ecx,eax					
00D1115E	E8 CD17F0FF	call 00C12930					
00D11163	8B 44 24 44	mov eax,[esp+44]					
00D11167	50	push eax					
00D11168	E8 D380B6FF	call 00879240					
00D1116D	8B 4C 24 34	mov ecx,[esp+34]					
00D11171	51	push ecx					
00D11172	E8 C980B6FF	call 00879240					
00D11177	8B 54 24 1C	mov edx,[esp+1C]					
00D1117B	52	push edx					
00D1117C	E8 BF80B6FF	call 00879240					
00D11181	8B 84 24 8C000000	mov eax,[esp+0000008C]					
00D11188	50	push eax					
00D11189	E8 B280B6FF	call 00879240					
00D1118E	8B 4C 24 60	mov ecx,[esp+60]					
00D11192	51	push ecx					
00D11193	E8 A880B6FF	call 00879240					
00D11198	83 C4 14	add esp,14	{ 20 }				
00D1119B	E8 A05AB2FF	call 00836C40					
00D111A0	E8 8BDD80FF	call 0081EF30					
00D111A5	68 D017E300	push 00E317D0	{ [002E0033] }				
00D111AA	8D 4C 24 28	lea ecx,[esp+28]					
00D111AE	E8 6D5074FF	call 00456220					
00D111B3	8D 54 24 24	lea edx,[esp+24]					
00D111B7	8D 4C 24 50	lea ecx,[esp+50]					
00D111BB	E8 B00D6FFF	call 00401F70					
00D111C0	50	push eax					
00D111C1	B2 01	mov dl,01	{ 1 }				
00D111C3	33 C9	xor ecx,ecx					
00D111C5	E8 16DEB0FF	call 0081EFE0					
00D111CA	8B 54 24 50	mov edx,[esp+50]					
00D111CE	52	push edx					
00D111CF	E8 6C80B6FF	call 00879240					
00D111D4	8B 44 24 28	mov eax,[esp+28]					
00D111D8	50	push eax					
00D111D9	E8 6280B6FF	call 00879240					
00D111DE	83 C4 08	add esp,08	{ 8 }				
00D111E1	3B F5	cmp esi,ebp					
00D111E3	89 6C 24 3C	mov [esp+3C],ebp					
00D111E7	74 19	je 00D11202					
00D111E9	01 5E 04	add [esi+04],ebx					
00D111EC	8B 46 04	mov eax,[esi+04]					
00D111EF	A9 FFFF0F00	test eax,000FFFFFF	{ 1048575 }				
00D111F4	75 0C	jne 00D11202					
00D111F6	68 FFFF0F00	push 000FFFFFF	{ 1048575 }				
00D111FB	8B CE	mov ecx,esi					
00D111FD	E8 CE4FBBFF	call 008C61D0					
00D11202	80 7C 24 12 00	cmp byte ptr [esp+12],00	{ 0 }				
00D11207	74 11	je 00D1121A					
00D11209	E8 52030000	call 00D11560					
00D1120E	E8 CD9EF2FF	call 00C3B0E0					
00D11213	50	push eax					
00D11214	FF 15 B8A3E000	call dword ptr [00E0A3B8]	{ ->74475B20 }				
00D1121A	E8 C19EF2FF	call 00C3B0E0					
00D1121F	8B C8	mov ecx,eax					
00D11221	E8 FAA2F2FF	call 00C3B520					
00D11226	8D 4C 24 60	lea ecx,[esp+60]					
00D1122A	E8 B1E5D2FF	call 00A3F7E0					
00D1122F	B9 00BC0911	mov ecx,1109BC00	{ 285850624 }				
00D11234	E8 1798D3FF	call 00A4AA50					
00D11239	8B 10	mov edx,[eax]					
00D1123B	8B C8	mov ecx,eax					
00D1123D	FF 52 30	call dword ptr [edx+30]					
00D11240	D9 44 24 64	fld dword ptr [esp+64]					
00D11244	8B C8	mov ecx,eax					
00D11246	D9 7C 24 12	fstcw [esp+12]					
00D1124A	0FB7 44 24 12	movzx eax,word ptr [esp+12]					
00D1124F	80 CC 0C	or ah,0C	{ 12 }				
00D11252	8B 11	mov edx,[ecx]					
00D11254	89 44 24 20	mov [esp+20],eax					
00D11258	D9 6C 24 20	fidcw [esp+20]					
00D1125C	DB 5C 24 20	fistp dword ptr [esp+20]					
00D11260	8B 44 24 20	mov eax,[esp+20]					
00D11264	50	push eax					
00D11265	D9 6C 24 16	fidcw [esp+16]					
00D11269	D9 44 24 64	fld dword ptr [esp+64]					
00D1126D	D9 7C 24 16	fstcw [esp+16]					
00D11271	0FB7 44 24 16	movzx eax,word ptr [esp+16]					
00D11276	80 CC 0C	or ah,0C	{ 12 }				
00D11279	89 44 24 24	mov [esp+24],eax					
00D1127D	D9 6C 24 24	fidcw [esp+24]					
00D11281	DB 5C 24 24	fistp dword ptr [esp+24]					
00D11285	8B 44 24 24	mov eax,[esp+24]					
00D11289	50	push eax					
00D1128A	D9 6C 24 1A	fidcw [esp+1A]					
00D1128E	FF 52 20	call dword ptr [edx+20]					

00D11291	8B 8C 24 F4010000	mov ecx,[esp+00001F4]							
00D11298	E8 D3F7FFFF	call 00D10A70							
00D1129D	E8 0E78B2FF	call 00838AB0							
00D112A2	E8 9976B2FF	call 00838940							
00D112A7	68 34A8E300	push 00E3A834	{ ["mainmenu"] }						
00D112AC	8D 4C 24 28	lea ecx,[esp+28]							
00D112B0	E8 6B4F74FF	call 00456220							
00D112B5	8D 4C 24 24	lea ecx,[esp+24]							
00D112B9	E8 3213F0FF	call 00C125F0							
00D112BE	8B 4C 24 24	mov ecx,[esp+24]							
00D112C2	51	push ecx							
00D112C3	E8 787FB6FF	call 00879240							
00D112C8	8B 35 74A1E000	mov esi,[00E0A174]	{ [176] }						
00D112CE	83 C4 04	add esp,04	{ 4 }						
00D112D1	E8 BAB3CCFF	call 009DC690							
00D112D6	E8 B5A1F2FF	call 00C3B490							
00D112DB	E8 A0F6FFFF	call 00D10980							
00D112E0	8D 4C 24 20	lea ecx,[esp+20]							
00D112E4	E8 97010000	call 00D11480							
00D112E9	E8 B29DF2FF	call 00C3B0A0							
00D112EE	8A D8	mov bl,al							
00D112F0	E8 BB9DF2FF	call 00C3B0B0							
00D112F5	8B 44 24 12	mov [esp+12],al							
00D112F9	E8 C29DF2FF	call 00C3B0C0							
00D112FE	84 C0	test al,al							
00D11300	74 11	je 00D11313							
00D11302	E8 C99DF2FF	call 00C3B0D0							
00D11307	E8 1420DBFF	call 00AC3320							
00D1130C	8B C8	mov ecx,eax							
00D1130E	E8 FD78B2FF	call 00838C10							
00D11313	E8 989DF2FF	call 00C3B0B0							
00D11318	84 C0	test al,al							
00D1131A	74 07	je 00D11323							
00D1131C	32 C9	xor cl,cl							
00D1131E	E8 5DFBD2FF	call 00A40E80							
00D11323	8A CB	mov cl,bl							
00D11325	E8 16F1D2FF	call 00A40440							
00D1132A	8A 54 24 12	mov dl,[esp+12]							
00D1132E	8A CB	mov cl,bl							
00D11330	E8 DB7AB2FF	call 00838E10							
00D11335	84 C0	test al,al							
00D11337	74 0F	je 00D11348							
00D11339	84 DB	test bl,bl							
00D1133B	75 04	jne 00D11341							
00D1133D	6A 28	push 28	{ 40 }						
00D1133F	FF D6	call esi							
00D11341	E8 1A19CCFF	call 009D2C60							
00D11346	EB 89	jmp 00D112D1							
00D11348	E8 F375B2FF	call 00838940							
00D1134D	68 D017E300	push 00E317D0	{ [002E0033] }						
00D11352	8D 4C 24 28	lea ecx,[esp+28]							
00D11356	E8 C54E74FF	call 00456220							
00D1135B	8D 54 24 24	lea edx,[esp+24]							
00D1135F	8D 4C 24 50	lea ecx,[esp+50]							
00D11363	E8 080C8FFF	call 00401F70							
00D11368	50	push eax							
00D11369	B2 01	mov dl,01	{ 1 }						
00D1136B	B9 01000000	mov ecx,00000001	{ 1 }						
00D11370	E8 6BDCB0FF	call 0081EFE0							
00D11375	8B 54 24 50	mov edx,[esp+50]							
00D11379	52	push edx							
00D1137A	E8 C17EB6FF	call 00879240							
00D1137F	8B 44 24 28	mov eax,[esp+28]							
00D11383	50	push eax							
00D11384	E8 B77EB6FF	call 00879240							
00D11389	83 C4 08	add esp,08	{ 8 }						
00D1138C	E8 4F40B2FF	call 008353E0							
00D11391	33 C9	xor ecx,ecx							
00D11393	E8 38F3E8FF	call 00BA06D0							
00D11398	33 C9	xor ecx,ecx							
00D1139A	E8 211F80FF	call 005132C0							
00D1139F	33 C9	xor ecx,ecx							
00D113A1	E8 4A1F80FF	call 005132F0							
00D113A6	E8 1511F3FF	call 00C424C0							
00D113AB	E8 60F0DFFF	call 00CF0410							
00D113B0	E8 FBF3D2FF	call 00A407B0							
00D113B5	E8 5698D3FF	call 00A44AC10							
00D113BA	E8 219DF2FF	call 00C3B0E0							
00D113BF	50	push eax							
00D113C0	FF 15 34A4E000	call dword ptr [00E0A434]	{ ->744756F0 }						
00D113C6	8B 44 24 40	mov eax,[esp+40]							
00D113CA	3B C5	cmp eax,ebp							
00D113CC	74 07	je 00D113D5							
00D113CE	50	push eax							
00D113CF	FF 15 80A1E000	call dword ptr [00E0A180]	{ ->752C8D60 }						
00D113D5	E8 86D6B0FF	call 0081EA60							
00D113DA	8D 4C 24 68	lea ecx,[esp+68]							
00D113DE	E8 FDF8F5FF	call 00C70CE0							
00D113E3	8D 4C 24 3C	lea ecx,[esp+3C]							
00D113E7	E8 048575FF	call 004698F0							
00D113EC	5F	pop edi							
00D113ED	5E	pop esi							
00D113EE	5D	pop ebp							
00D113EF	33 C0	xor eax,eax							

00D113F1	5B	pop ebx						
00D113F2	81 C4 D8010000	add esp,000001D8	{ 472 }					
00D113F8	C2 1000	ret 0010	{ 16 }					

File Address	Memory Offset	Hex	Opcode	Value	Comment	File	Memory	Bytes	Opcode
5815C	9B40C	83 EC 0C	lea ebx,0C	(12)	EAX = Hero Wisdom at this point				
809F3	00CA2F3	85 D2	test ebx,ebx						
809F5	00CA2F5	5E	push esi						
809F8	00CA2F8	8B F2	mov ebx,esi						
809FA	00CA2FA	7F 05	jb 00CA2FF						
809FB	00CA2FB	8E 01000001	mov esi,00000001	(1)					
809FD	00CA2FD	8D 11 F9	lea ebx,[ebx+01]						
809FE	00CA2FE	83 F8 09	cmp eax,09	(9)					
809FF	00CA2FF	89 74 24 04	mov [esp+04],esi						
80A00	00CA300	8B F4 000000	mov ebx,[esp+04]						
80A02	00CA302	83 F8 09	cmp eax,09						
80A04	00CA304	8E 01000001	mov esi,00000001						
80A06	00CA306	8D 11 F9	lea ebx,[ebx+01]						
80A08	00CA308	83 F8 09	cmp eax,09						
80A0A	00CA30A	89 74 24 04	mov [esp+04],esi						
80A0C	00CA30C	8B F4 000000	mov ebx,[esp+04]						
80A0E	00CA30E	83 F8 09	cmp eax,09						
80A10	00CA310	D1 FA	sar ebx,1						
80A12	00CA312	8B C2	mov ebx,edx						
80A14	00CA314	C1 E8 1F	shr ebx,1F						
80A16	00CA316	8E 01000001	mov esi,00000001						
80A18	00CA318	8B C2	mov ebx,edx						
80A1A	00CA31A	C1 E8 1F	shr ebx,1F						
80A1C	00CA31C	D1 FA	sar ebx,1						
80A1E	00CA31E	8B C2	mov ebx,edx						
80A20	00CA320	83 C4 0C	add esp,0C						
80A22	00CA322	C3	ret						
80A24	00CA324	8D 4E 01	lea ebx,[ebx+01]	(31)	Adds one				
80A26	00CA326	8E 01000001	mov esi,00000001						
80A28	00CA328	8B C2	mov ebx,edx						
80A2A	00CA32A	C1 E8 1F	shr ebx,1F						
80A2C	00CA32C	D1 FA	sar ebx,1						
80A2E	00CA32E	8B C2	mov ebx,edx						
80A30	00CA330	83 E2 03	and ebx,03	(3)					
80A32	00CA332	01 C2	add eax,edx						
80A34	00CA334	C1 E8 1F	shr ebx,1F	(2)	Divide by 4 (Divide by 2 2 times)				
80A36	00CA336	83 C0 01	add eax,01	(1)	Add 1				
80A38	00CA338	8E 01000001	mov esi,00000001						
80A3A	00CA33A	8D 4E 01	lea ebx,[ebx+01]	(12)	End of Attack Defense Mini Artifact				
80A3C	00CA33C	C3	ret						
80A3E	00CA33E	8B C2	mov ebx,edx						
80A40	00CA340	83 E2 03	and ebx,03	(3)	Begin of Health Mini Artifact				
80A42	00CA342	01 C2	add eax,edx						
80A44	00CA344	C1 E8 1F	shr ebx,1F						
80A46	00CA346	83 C0 01	add eax,01	(1)	Divide by 4 (Divide by 2 2 times)				
80A48	00CA348	8E 01000001	mov esi,00000001						
80A4A	00CA34A	8D 4E 01	lea ebx,[ebx+01]	(12)	End of Attack Defense Mini Artifact				
80A4C	00CA34C	C3	ret						
80A4E	00CA34E	8B C2	mov ebx,edx						
80A50	00CA350	83 E2 03	and ebx,03	(3)	Begin of Magic Defense (ID = 5)				
80A52	00CA352	01 C2	add eax,edx						
80A54	00CA354	C1 E8 1F	shr ebx,1F						
80A56	00CA356	83 C0 01	add eax,01	(1)	Add 1				
80A58	00CA358	8E 01000001	mov esi,00000001						
80A5A	00CA35A	8D 4E 01	lea ebx,[ebx+01]	(12)	End of Magic Defense (ID = 5)				
80A5C	00CA35C	C3	ret						
80A5E	00CA35E	8B C2	mov ebx,edx						
80A60	00CA360	D9 24 04	fld dword ptr [esp+04]						
80A62	00CA362	D9 24 04	fld dword ptr [esp+04]						
80A64	00CA364	D9 24 04	fld dword ptr [esp+04]						
80A66	00CA366	D9 24 04	fld dword ptr [esp+04]						
80A68	00CA368	D9 24 04	fld dword ptr [esp+04]						
80A6A	00CA36A	D9 24 04	fld dword ptr [esp+04]						
80A6C	00CA36C	D9 24 04	fld dword ptr [esp+04]						
80A6E	00CA36E	D9 24 04	fld dword ptr [esp+04]						
80A70	00CA370	D9 24 04	fld dword ptr [esp+04]						
80A72	00CA372	D9 24 04	fld dword ptr [esp+04]						
80A74	00CA374	D9 24 04	fld dword ptr [esp+04]						
80A76	00CA376	D9 24 04	fld dword ptr [esp+04]						
80A78	00CA378	D9 24 04	fld dword ptr [esp+04]						
80A7A	00CA37A	D9 24 04	fld dword ptr [esp+04]						
80A7C	00CA37C	D9 24 04	fld dword ptr [esp+04]						
80A7E	00CA37E	D9 24 04	fld dword ptr [esp+04]						
80A80	00CA380	D9 24 04	fld dword ptr [esp+04]						
80A82	00CA382	D9 24 04	fld dword ptr [esp+04]						
80A84	00CA384	D9 24 04	fld dword ptr [esp+04]						
80A86	00CA386	D9 24 04	fld dword ptr [esp+04]						
80A88	00CA388	D9 24 04	fld dword ptr [esp+04]						
80A8A	00CA38A	D9 24 04	fld dword ptr [esp+04]						
80A8C	00CA38C	D9 24 04	fld dword ptr [esp+04]						
80A8E	00CA38E	D9 24 04	fld dword ptr [esp+04]						
80A90	00CA390	D9 24 04	fld dword ptr [esp+04]						
80A92	00CA392	D9 24 04	fld dword ptr [esp+04]						
80A94	00CA394	D9 24 04	fld dword ptr [esp+04]						
80A96	00CA396	D9 24 04	fld dword ptr [esp+04]						
80A98	00CA398	D9 24 04	fld dword ptr [esp+04]						
80A9A	00CA39A	D9 24 04	fld dword ptr [esp+04]						
80A9C	00CA39C	D9 24 04	fld dword ptr [esp+04]						
80A9E	00CA39E	D9 24 04	fld dword ptr [esp+04]						
80AA0	00CA3A0	D9 24 04	fld dword ptr [esp+04]						
80AA2	00CA3A2	D9 24 04	fld dword ptr [esp+04]						
80AA4	00CA3A4	D9 24 04	fld dword ptr [esp+04]						
80AA6	00CA3A6	D9 24 04	fld dword ptr [esp+04]						
80AA8	00CA3A8	D9 24 04	fld dword ptr [esp+04]						
80AAA	00CA3AA	D9 24 04	fld dword ptr [esp+04]						
80AAC	00CA3AC	D9 24 04	fld dword ptr [esp+04]						
80AAE	00CA3AE	D9 24 04	fld dword ptr [esp+04]						
80AA8	00CA3A8	D9 24 04	fld dword ptr [esp+04]						
80AA0	00CA3A0	D9 24 04	fld dword ptr [esp+04]						
80AA2	00CA3A2	D9 24 04	fld dword ptr [esp+04]						
80AA4	00CA3A4	D9 24 04	fld dword ptr [esp+04]						
80AA6	00CA3A6	D9 24 04	fld dword ptr [esp+04]						
80AA8	00CA3A8	D9 24 04	fld dword ptr [esp+04]						
80AAA	00CA3AA	D9 24 04	fld dword ptr [esp+04]						
80AAC	00CA3AC	D9 24 04	fld dword ptr [esp+04]						
80AAE	00CA3AE	D9 24 04	fld dword ptr [esp+04]						
80AB0	00CA3B0	D9 24 04	fld dword ptr [esp+04]						
80AB2	00CA3B2	D9 24 04	fld dword ptr [esp+04]						
80AB4	00CA3B4	D9 24 04	fld dword ptr [esp+04]						
80AB6	00CA3B6	D9 24 04	fld dword ptr [esp+04]						
80AB8	00CA3B8	D9 24 04	fld dword ptr [esp+04]						
80ABA	00CA3BA	D9 24 04	fld dword ptr [esp+04]						
80ABC	00CA3BC	D9 24 04	fld dword ptr [esp+04]						
80ABE	00CA3BE	D9 24 04	fld dword ptr [esp+04]						
80AC0	00CA3C0	D9 24 04	fld dword ptr [esp+04]						
80AC2	00CA3C2	D9 24 04	fld dword ptr [esp+04]						
80AC4	00CA3C4	D9 24 04	fld dword ptr [esp+04]						
80AC6	00CA3C6	D9 24 04	fld dword ptr [esp+04]						
80AC8	00CA3C8	D9 24 04	fld dword ptr [esp+04]						
80ACA	00CA3CA	D9 24 04	fld dword ptr [esp+04]						
80ACC	00CA3CC	D9 24 04	fld dword ptr [esp+04]						
80ACE	00CA3CE	D9 24 04	fld dword ptr [esp+04]						
80AC8	00CA3C8	D9 24 04	fld dword ptr [esp+04]						
80AC0	00CA3C0	D9 24 04	fld dword ptr [esp+04]						
80AC2	00CA3C2	D9 24 04	fld dword ptr [esp+04]						
80AC4	00CA3C4	D9 24 04	fld dword ptr [esp+04]						
80AC6	00CA3C6	D9 24 04	fld dword ptr [esp+04]						
80AC8	00CA3C8	D9 24 04	fld dword ptr [esp+04]						
80ACA	00CA3CA	D9 24 04	fld dword ptr [esp+04]						
80ACC	00CA3CC	D9 24 04	fld dword ptr [esp+04]						
80ACE	00CA3CE	D9 24 04	fld dword ptr [esp+04]						
80AD0	00CA3D0	D9 24 04	fld dword ptr [esp+04]						
80AD2	00CA3D2	D9 24 04	fld dword ptr [esp+04]						
80AD4	00CA3D4	D9 24 04	fld dword ptr [esp+04]						
80AD6	00CA3D6	D9 24 04	fld dword ptr [esp+04]						
80AD8	00CA3D8	D9 24 04	fld dword ptr [esp+04]						
80ADA	00CA3DA	D9 24 04	fld dword ptr [esp+04]						
80ADC	00CA3DC	D9 24 04	fld dword ptr [esp+04]						
80ADE	00CA3DE	D9 24 04	fld dword ptr [esp+04]						
80AD8	00CA3D8	D9 24 04	fld dword ptr [esp+04]						
80AD0	00CA3D0	D9 24 04	fld dword ptr [esp+04]						
80AD2	00CA3D2	D9 24 04	fld dword ptr [esp+04]						
80AD4	00CA3D4	D9 24 04	fld dword ptr [esp+04]						

Address on Q	Address	Bytes	Label	Opcode	Value	Comment	
	008D460	53		push ebx		Start of the Movement value calculation loop	
	008D461	56		push esi			
	008D462	8B F1		mov esi,ecx			
	008D464	8B 46 04		mov eax,[esi+04]			
	008D467	8B 48 0C		mov ecx,[eax+0C]			
	008D46A	8B 54 31 04		mov edx,[ecx+esi+04]			
	008D46E	8D 4C 31 04		lea ecx,[ecx+esi+04]			
	008D472	57		push edi			
	008D473	FF 52 20		call dword ptr [edx+20]			Calls some function to get the distance the hero walks
	008D476	8B 40 04		mov ecx,[esi+04]			
	008D479	2B 08		sub ecx,[esi]			ECX seems to be the loop iteration variable. Corresponds to the amount of dots on the adventure map when the hero moves times 5.
	008D47B	8B 7C 24 14		mov edi,[esp+14]			
	008D47F	83 E1 FC		and ecx,-04 (252)			
	008D482	83 F9 04		cmp ecx,04 (4)			
	0084BCB0	80 3D 346E0201 00		cmp byte ptr [01026E34],00	{ 00000000 }		
	0084BCB7	75 12		jne 0084BCCB			
	0084BCB9	8B 44 24 04		mov eax,[esp+04]			
	0084BCBD	89 81 2C010000		mov [ecx+0000012C],eax		Sets the new movement value	
	0084BCC3	83 C1 E4		add ecx,-1C	{ 228 }		
	0084BCC6	E8 55039CFF		call 0050C020			
	0084BCCB	C2 0400		ret 0004	{ 4 }		
	0084BD10	B8 01000000		mov eax,00000001 (1)		Compares some hero related value to 1 (???)	
	0084BD15	39 81 78010000		cmp [ecx+00000178],eax			
	0084BD1B	74 08		ja 0084BD25			
	0084BD1D	8B 01		mov eax,[ecx]		And then sets some pointer to EAX	
	0084BD1F	FF A0 08010000		jmp dword ptr [eax+00000108]			
	Now this is interesting						
	00CA9C50	53		push ebx			
	00CA9C51	33 DB		xor ebx,ebx			
	00CA9C53	56		push esi			
	00CA9C54	8B F1		mov esi,ecx			
	00CA9C56	8B 4C 24 0C		mov ecx,[esp+0C]			
	00CA9C5A	8B 1E		mov [esi],bl			
	00CA9C5C	8B 5E 01		mov [esi+01],bl			
	00CA9C5F	8B 5E 02		mov [esi+02],bl			
	00CA9C62	C7 46 04 64000000		mov [esi+04],00000064	{ 100 }	Default Movement value? -> tested -> nope	
	00CA9C69	89 5E 08		mov [esi+08],ebx			
	00CA9C6C	E8 2F26EAF		call 00B4C2A0		Different IDs Call to table with different IDs	
	00CA9C71	89 46 0C		mov [esi+0C],eax			
	00CA9C74	8B 5E 10		mov [esi+10],bl			
	00CA9C77	89 5E 14		mov [esi+14],ebx			
	00CA9C7A	8B C6		mov eax,esi			
	00CA9C7C	5E		pop esi			
	00CA9C7D	5B		pop ebx			
	00CA9C7E	C2 0400		ret 0004	{ 4 }		
	00B4C2A0	83 F9 08	Different IDs:	cmp ecx,08	{ 8 }	Here is the Call	
	00B4C2A3	77 2E		ja 00B4C2D3			
	00B4C2A5	FF 24 8D DCC2B400		jmp dword ptr [ecx+4+00B4C2DC]			
	00B4C2AC	B8 09000000		mov eax,00000009	{ 9 }		
	00B4C2B1	C3		ret			
	00B4C2B2	33 C0		xor eax,eax			
	00B4C2B4	C3		ret			
	00B4C2B5	B8 04000000		mov eax,00000004	{ 4 }		
	00B4C2BA	C3		ret			
	00B4C2BB	B8 05000000		mov eax,00000005	{ 5 }		
	00B4C2C0	C3		ret			
	00B4C2C1	B8 02000000		mov eax,00000002	{ 2 }		
	00B4C2C6	C3		ret			
	00B4C2C7	B8 03000000		mov eax,00000003	{ 3 }		
	00B4C2CC	C3		ret			
	00B4C2CD	B8 0D000000		mov eax,0000000D	{ 13 }		
	00B4C2D2	C3		ret			
	00B4C2D3	B8 01000000		mov eax,00000001	{ 1 }		
	00B4C2D6	C3		ret			
	00B4C2D9	8D 49 00		lea ecx,[ecx+00]			
	00B4C2DC	AC		lodsb			
	00B4C2DD	C2 B400		ret 00B4	{ 180 }		
	00B4C2E0	D3 C2		rol edx,cl			
	00B4C2E2	B4 00		mov ah,00	{ 0 }		
	00B4C2E4	D3 C2		rol edx,cl			
	00B4C2E6	B4 00		mov ah,00	{ 0 }		
	00B4C2E8	C1 C2 B4		rol ecx,-4C	{ 180 }		
	00B4C2EB	00 B5 C2B400B2		add [ebp+4DFF4B3E],dh			
	00B4C2F1	C2 B400		ret 00B4	{ 180 }		
	00B4C2F4	B8 C2B400C7		mov ebx,C700B4C2	{ -32948.76 }		
	00B4C2F9	C2 B400		ret 00B4	{ 180 }		
	00B4C2FC	CD C2		int -3E	{ 194 }		
	00B4C2FE	B4 00		mov ah,00	{ 0 }		
	00B4C300	83 EC 08		sub esp,08	{ 8 }		
	00B4C303	8B 41 64		mov eax,[ecx+64]			
	00B4C306	33 C9		xor ecx,ecx			
	00B4C308	85 C0		test eax,eax			
	00B4C30A	0F9C C1		setl cl			
	00B4C30D	83 EC 08		sub esp,08	{ 8 }		
	00B4C310	83 E9 01		sub ecx,01	{ 1 }		
	00B4C313	23 C8		and ecx,eax			
	00B4C315	89 4C 24 08		mov [esp+08],ecx			
	00B4C319	DB 44 24 08		fld dword ptr [esp+08]			
	00B4C31D	D9FA		fsqrt			
	00B4C31F	DD 1C 24		fstp qword ptr [esp]			
	00B4C322	FF 15 DCA2E000		call dword ptr [00E0A2DC]	{ -7C345284 }		
	00B4C328	D9 7C 24 08		frstow [esp+08]			
	00B4C32C	83 C4 08		add esp,08	{ 8 }		
	00B4C32F	0FB7 04 24		movzx eax,word ptr [esp]			
	00B4C333	80 CC 0C		or ah,0C	{ 12 }		
	00B4C336	89 44 24 04		mov [esp+04],eax			
	00B4C33A	D9 6C 24 04		fldow [esp+04]			
	00B4C33E	DB 5C 24 04		fstp dword ptr [esp+04]			
	00B4C342	8B 4C 24 04		mov ecx,[esp+04]			
	00B4C346	83 F9 01		cmp ecx,01	{ 1 }		
	00B4C349	D9 2C 24		fldow [esp]			
	00B4C34C	7D 05		jnl 00B4C353			
	00B4C34E	B9 01000000		mov ecx,00000001	{ 1 }		
	00B4C353	8B C1		mov eax,ecx			

BAB7C	00CA9B7C	BA 6400000		mov edx,00000064	{ 100 }	value for ship travel	723F9C	00B24B9C	BA 6400000		mov edx,00000064	{ 100 }
BAB81	00CA9B81	89 54 24 08		mov [esp+08],edx			723FA1	00B24BA1	89 54 24 08		mov [esp+08],edx	
BAB85	00CA9B85	38 5C 24 10		cmp [esp+10],bl			723FA5	00B24BA5	38 5C 24 10		cmp [esp+10],bl	
BAB89	00CA9B89	74 40		je 00CA9BC8			723FA9	00B24BA9	74 40		je 00B24BE8	
BAB8B	00CA9B8B	D8 44 24 08		fld dword ptr [esp+08]			723FAB	00B24BAB	D8 44 24 08		fld dword ptr [esp+08]	
BAB8F	00CA9B8F	D9 7C 24 10		fstow [esp+10]			723FAF	00B24BAF	D9 7C 24 10		fstow [esp+10]	
BAB93	00CA9B93	0FB7 44 24 10		movzx eax,word ptr [esp+10]			723FB3	00B24BB3	0FB7 44 24 10		movzx eax,word ptr [esp+10]	
BAB98	00CA9B98	D8 0D B85E500		fmul dword ptr [00E557B8]	{ [1.41] }	Diagonal movement penalty?	723FB8	00B24BB8	D8 0D A098E700		fmul dword ptr [00E798A0]	{ [1.41] }
BAB9E	00CA9B9E	80 CC 0C		or ah,0C	{ 12 }		723FBE	00B24BBE	80 CC 0C		or ah,0C	{ 12 }
BABFA1	00CA9BA1	89 44 24 18		mov [esp+18],eax			723FC1	00B24BC1	89 44 24 18		mov [esp+18],eax	
BABFA5	00CA9BA5	D9 6C 24 18		fldcw [esp+18]			723FC5	00B24BC5	D9 6C 24 18		fldcw [esp+18]	
BABFA9	00CA9BA9	BB 44 24 14		mov eax,[esp+14]			723FC9	00B24BC9	BB 44 24 14		mov eax,[esp+14]	
BABFAD	00CA9BAD	3B C2		cmp eax,edx			723FCD	00B24BCD	3B C2		cmp eax,edx	
BABFAF	00CA9BAF	D8 5C 24 18		fstp dword ptr [esp+18]			723FCF	00B24BCF	D8 5C 24 18		fstp dword ptr [esp+18]	
BABFB3	00CA9BB3	8B 4C 24 18		mov ecx,[esp+18]			723FD3	00B24BD3	8B 4C 24 18		mov ecx,[esp+18]	
BABFB7	00CA9BB7	D9 6C 24 10		fldcw [esp+10]			723FD7	00B24BD7	D9 6C 24 10		fldcw [esp+10]	
BABFBB	00CA9BBB	7C 06		j 00CA9BC3			723FDB	00B24BD8	7C 06		j 00B24BE3	
BABFBD	00CA9BBD	3B C1		cmp eax,ecx			723FDD	00B24BDD	3B C1		cmp eax,ecx	
BABFBF	00CA9BBF	8B C2		mov eax,edx			723FDF	00B24BDF	8B C2		mov eax,edx	
BABFC1	00CA9BC1	7C 0A		j 00CA9BCD			723FE1	00B24BE1	7C 0A		j 00B24BED	
BABFC3	00CA9BC3	5E		pop esi			723FE3	00B24BE3	5E		pop esi	
BABFC4	00CA9BC4	8B C1		mov eax,ecx			723FE4	00B24BE4	8B C1		mov eax,ecx	
BABFC8	00CA9BC8	5B		pop ebx			723FE6	00B24BE6	5B		pop ebx	
BABFC7	00CA9BC7	59		pop ecx			723FE7	00B24BE7	59		pop ecx	
BABFC8	00CA9BC8	C2 1000		ret 0010	{ 16 }		723FE8	00B24BE8	C2 1000		ret 0010	{ 16 }
BABFCB	00CA9BCB	8B C2		mov eax,edx			723FEB	00B24BEB	8B C2		mov eax,edx	
BABFCD	00CA9BCD	5E		pop esi			723FED	00B24BED	5E		pop esi	
BABFCE	00CA9BCE	5B		pop ebx			723FEE	00B24BEE	5B		pop ebx	
BABFCF	00CA9BCF	59		pop ecx			723FEF	00B24BEF	59		pop ecx	
BABFDD	00CA9BD0	C2 1000		ret 0010	{ 16 }		723FF0	00B24BF0	C2 1000		ret 0010	{ 16 }
	00420480	83 EC 0C		sub esp,0C	{ 12 }							
	00420483	D9 02		fld dword ptr [edx]								
	00420485	8B 44 24 10		mov eax,[esp+10]								
	00420489	85 C0		test eax,eax								
	0042048B	D8 05 70ABE00		fadd dword ptr [00E0AB70]	{ [0.50] }							
	00420491	56		push esi								
	00420492	57		push edi								
	00420493	DCC0		fadd st(0),st(0)								
	00420495	8B F9		mov edi,ecx								
	00420497	D9 5C 24 08		fstp dword ptr [esp+08]								
	0042049B	D9 42 04		fld dword ptr [edx+04]								
	0042049E	D8 05 70ABE00		fadd dword ptr [00E0AB70]	{ [0.50] }							
	004204A4	DCC0		fadd st(0),st(0)								
	004204A6	D9 5C 24 0C		fstp dword ptr [esp+0C]								
	004204AA	74 6F		je 0042051B								
	004204AC	D9 42 04		fld dword ptr [edx+04]								
	004204AF	8D 70 14		lea esi,[esp+14]								
	004204B2	D9 7C 24 18		fstow [esp+18]								
	004204B6	8B CE		mov ecx,esi								
	004204B8	0FB7 44 24 18		movzx eax,word ptr [esp+18]								
	004204BD	80 CC 0C		or ah,0C	{ 12 }							
	004204CD	89 44 24 10		mov [esp+10],eax								
	004204C4	D9 6C 24 10		fldcw [esp+10]								
	004204C8	D8 5C 24 10		fstp dword ptr [esp+10]								
	004204CC	8B 44 24 10		mov eax,[esp+10]								
	004204D0	50		push eax								
	004204D1	D9 6C 24 1C		fldcw [esp+1C]								
	004204D5	D9 02		fld dword ptr [edx]								
	004204D7	D9 7C 24 1C		fstow [esp+1C]								
	004204DB	0FB7 44 24 1C		movzx eax,word ptr [esp+1C]								
	004204E0	80 CC 0C		or ah,0C	{ 12 }							
	004204E3	89 44 24 14		mov [esp+14],eax								
	004204E7	D9 6C 24 14		fldcw [esp+14]								
	004204EB	D8 5C 24 14		fstp dword ptr [esp+14]								
	004204EF	8B 54 24 14		mov edx,[esp+14]								
	004204F3	D9 6C 24 1C		fldcw [esp+1C]								
	004204F7	E8 24E77E00		call 00C0EC20								
	004204FC	84 C0		test al,al								
	004204FE	74 08		je 00420508								
	00420500	D9 05 AC96F200		fld dword ptr [00F296AC]	{ [1.50] }							
	00420506	EB 19		jmp 00420521								
	00420508	8B 4C 24 0C		mov ecx,[esp+0C]								
	0042050C	8B 54 24 08		mov edx,[esp+08]								
	00420510	51		push ecx								
	00420511	52		push edx								
	00420512	8B CE		mov ecx,esi								
	00420514	E8 47FEFFFF		call 00420360								
	00420519	EB 06		jmp 00420521								
	0042051B	D9 05 10BEE000		fld dword ptr [00E0BE10]	{ [00000000] }							
	00420521	8B 44 24 08		mov eax,[esp+08]								
	00420525	D9 5F 08		fstp dword ptr [edi+08]								
	00420528	8B 4C 24 0C		mov ecx,[esp+0C]								
	0042052C	89 07		mov [edi],eax								
	0042052E	89 4F 04		mov [edi+04],ecx								
	00420531	8B C7		mov eax,edi								
	00420533	5F		pop edi								
	00420534	5E		pop esi								
	00420535	83 C4 0C		add esp,0C	{ 12 }							
	00420538	C2 0400		ret 0004	{ 4 }							

		Memory Offset:		400000			
		Memory Offset 2:		400C00			
Memory Offset 1:	File Address	Memory Address	Length (DEC)	Comment	Used by	File Address Last	Memory Address Last
788	314	400314	4			317	400317
792	318	400318	4			31B	40031B
796	31C	40031C	4			31F	40031F
800	320	400320	4			323	400323
804	324	400324	4			327	400327
808	328	400328	4			32B	40032B
812	32C	40032C	4	magicProof Max Percentage	miniArtifactsV2.yml	32F	40032F
816	330	400330	4	hero perk pathfinding movement penalty factor	movement.yml	333	400333
820	334	400334	4	hero speciality "Tracker" movement point penalty per level factor	movement.yml	337	400337
824	338	400338	4	diagonal movement penalty factor	movement.yml	33B	40033B
828	33C	40033C	4	bonus atb for each sorcery skill level	atb.yml	33F	40033F
832	340	400340	4	Value for Energy Channel Ability of Archmage	energychannel.yml	343	400343
836	344	400344	4				
840	348	400348	4				
844	34C	40034C	4				
848	350	400350	2	Code Injection for Max Artifacts	maxartifacts.yml	347	400347
850	352	400352	4				
854	356	400356	4				
858	35A	40035A	4				
862	35E	40035E	4				
866	362	400362	4				
870	366	400366	4				
874	36A	40036A	4				
878	36E	40036E	4				
882	372	400372	4				
886	376	400376	4				
890	37A	40037A	4				
894	37E	40037E	4				
898	382	400382	4				
902	386	400386	4				
906	38A	40038A	4				
910	38E	40038E	4	Code Injection for TL/MaxTL Calculation	towerDamage.yml	355	400355
914	392	400392	4			395	400395
918	396	400396	4			399	400399
922	39A	40039A	4			39D	40039D
926	39E	40039E	4			3A1	4003A1
930	3A2	4003A2	4			3A5	4003A5
934	3A6	4003A6	4			3A9	4003A9
938	3AA	4003AA	4			3AD	4003AD
942	3AE	4003AE	4			3B1	4003B1
946	3B2	4003B2	4			3B5	4003B5
950	3B6	4003B6	4			3B9	4003B9
954	3BA	4003BA	4			3BD	4003BD
958	3BE	4003BE	4			3C1	4003C1
962	3C2	4003C2	4			3C5	4003C5
966	3C6	4003C6	4			3C9	4003C9
970	3CA	4003CA	4			3CD	4003CD
974	3CE	4003CE	4			3D1	4003D1
978	3D2	4003D2	4			3D5	4003D5
982	3D6	4003D6	4			3D9	4003D9
986	3DA	4003DA	4			3DD	4003DD
990	3DE	4003DE	4			3E1	4003E1
994	3E2	4003E2	4			3E5	4003E5
998	3E6	4003E6	4			3E9	4003E9
1002	3EA	4003EA	4			3ED	4003ED
1006	3EE	4003EE	4			3F1	4003F1
1010	3F2	4003F2	4			3F5	4003F5
1014	3F6	4003F6	4			3F9	4003F9
1018	3FA	4003FA	4			3FD	4003FD
Memory Offset 2:	Original Only!!						
	A084FA	E090FA		62 Healing Tent per Level	healingTentPerLevel.yml	A08537	E09137
	A08538	E09138	59	Healing Tent Speciality Balsamer		A08572	E09172
	A08573	E09173				A08572	E09172
	A08573	E09173				A08572	E09172
	A08573	E09173				A08572	E09172
	A08400	E09000		Not free space anymore (Game Code)		A083FF	E08FFF
Memory Offset 2:	Quantomas Only!!						
	A0674A	E0734A	62	Healing Tent per Level Assembly Code	healingTentPerLevel.yml	A06787	E07387
	A06788	E07388	59	Healing Tent Speciality Balsamer Assembly Code		A067C2	E073C2
	A067C3	E073C3				A067C2	E073C2
	A067C3	E073C3				A067C2	E073C2
	A067C3	E073C3				A067C2	E073C2
	A07400	E08000		Not free space anymore (Game Code)		A073FF	E07FFF

Beginning of the Main ATB Calculation Routine. Everything on this Spreadsheet page is within this Routine		Calculation of ATB after an ATB changing action (Spell, Ability, Wait)		Multiplier with Sorcery Skill Level for Bonus ATB after casting a spell	
00B8F610 - 51	- push ecx	00A8E690 - 51	- push ecx	00B8F9C7 - 08 0D 102F6100	- fmul dword ptr [00E12F10] ([0.10])
00B8F611 - 53	- push ebx	00A8E691 - 8B 54 24 08	- mov edx,[esp+08]		
00B8F612 - 8B 5C 24 10	- mov ebx,[esp+10]	00A8E695 - 56	- push esi		
00B8F616 - 56	- push esi	00A8E696 - 8B F1	- mov esi,ecx		
00B8F617 - 8B F1	- mov esi,ecx	00A8E698 - 8B 4E 90	- mov ecx,[eax+70]		Load Constant for 0.5 ATB value for mass spells
00B8F619 - 8B E6 E8FFFFFF	- mov eax,[eax-00000118]	00A8E69B - 8B 41 1C	- mov eax,[ecx+1C]		
00B8F619 - 8B E8 08	- mov ebx,[eax+08]	00A8E69E - 52	- push edx		
00B8F620 - 8B 54 31 E8FFFFFF	- mov ebx,[ecx+eax-00000118]	00A8E69F - 8B 44 24 08	- mov [esp+08],eax	00B8F97B - C7 44 24 1C 0000003F	- mov [esp+1C],3F000000 ([58.97])
00B8F629 - 8D 8C 31 E8FFFFFF	- lea ecx,[ecx+eax-00000118]	00A8E6A3 - 8B F8 F8FFFF	- call 00A2D6A0		
00B8F630 - 53	- push ebx	00A8E6A8 - 8D 86 4CFFFFFF	- lea eax,[eax-00000084]		
00B8F631 - FF 92 20020000	- call dword ptr [edx+00000220]	00A8E6AB - 85 C0	- test eax,eax		
00B8F637 - 84 C0	- test al,al	00A8E6B0 - 74 10	- je 00A8E6C2		Calculation of Bonus ATB for Speciality Windpeaker
.....		00A8E6B2 - 8B BE 50FFFFFF	- mov ecx,[eax-00000080]	00B8F910 - E8 0B8A0000	- call 00B8C3F0
.....		00A8E6B8 - 8B 51 08	- mov ebx,[ecx+08]	00B8F915 - 08 8D 80110000	- fld dword ptr [eax+00001180]
		00A8E6B9 - 8D 84 32 50FFFFFF	- lea eax,[edx+eax-00000080]	00B8F918 - 08 0D 855A6100	- fmul dword ptr [00E15A60] ([0.01])
		00A8E6C2 - 8B 4E 88	- mov ecx,[eax+78]	00B8F921 - 09 05 84A78000	- fld dword ptr [00E0A764] ([1.00])
		00A8E6C5 - 50	- push eax	00B8F927 - 08 64 24 1C	- fsub dword ptr [esp+1C]
		00A8E6C6 - 8B 01	- mov eax,[ecx]	00B8F928 - 80C9	- fmul st(1),st(0)
		00A8E6C8 - FF 90 FC000000	- call dword ptr [eax+000000FC]	00B8F92D - 08 44 24 1C	- fadd dword ptr [esp+1C]
		00A8E6CE - 8B C8	- mov ebx,eax	00B8F931 - 09 5C 24 1C	- fsub dword ptr [esp+1C]
		00A8E6DD - 8B CB24FCFF	- call 00A2D6A0		
		00A8E6E5 - 09 44 24 04	- fld dword ptr [esp+04]		
		00A8E6E9 - 08 1D 84A78000	- fcomp dword ptr [00E0A764] ([1.00])		
		00A8E6EF - DF80	- fwait ax		
		00A8E6E1 - F6 C4 05	- test ah,05 (5)		
		00A8E6E4 - 7A 20	- jp 00A8B706		
		00A8E6E6 - 09 44 24 0C	- fld dword ptr [esp+0C]		
		00A8E6EA - 08 1D 84A78000	- fcomp dword ptr [00E0A764] ([1.00])		
		00A8E6F0 - DF80	- fwait ax		
		00A8E6F2 - F6 C4 01	- test ah,01 (1)		
		00A8E6F5 - 75 0F	- jne 00A8B706		
		00A8E6F7 - 8B 96 4CFFFFFF	- mov ebx,[eax-00000084]		
		00A8E6FD - 8D BE 4CFFFFFF	- lea ecx,[eax-00000084]		
		00A8E703 - FF 52 1C	- call dword ptr [edx+1C]		
		00A8E706 - 5E	- pop esi		
		00A8E707 - 59	- pop ecx		
		00A8E708 - C2 0400	- ret 0004 (4)		

	zero indexed	troop type:	
1	0	01 = Peasant	
2	1	02 = Conscript	
3	2	03 = Archer	
4	3	04 = Marksman	
5	4	05 = Footman	
6	5	06 = Squire	
7	6	07 = Griffin	
8	7	08 = Imperial Griffin	
9	8	09 = Priest	
0A	9	0A = Inquisitor	
0B	A	0B = Cavalier	
0C	B	0C = Paladin	
0D	C	0D = Angel	
0E	D	0E = Archangel	
	#VALUE!		
	#VALUE!	(inferno)	
0F	E	0F = Imp	
10	F	10 = Familiar	
11	10	11 = Horned Demon	
12	11	12 = Horned Overseer	
13	12	13 = Hell Hound	
14	13	14 = Cerberus	
15	14	15 = Succubus	
16	15	16 = Mistress Succubus	
17	16	17 = Hell Charger	
18	17	18 = Nightmare	
19	18	19 = Pit Fiend	
1A	19	1A = Pit lord	
1B	1A	1B = Devil	
1C	1B	1C = Archdevil <=	
	#VALUE!		
	#VALUE!	(Necropolis)	
1D	1C	1D = Skeleton	
1E	1D	1E = Skeleton Archer	
1F	1E	1F = Zombie	
20	1F	20 = Plague Zombie	
21	20	21 = Ghost	
22	21	22 = Spectre	
23	22	23 = Vampire	
24	23	24 = Vapire Lord	
25	24	25 = Lich	

26	25	26 = Archlich	
27	26	27 = Wight	
28	27	28 = Wraith	
29	28	29 = Bone Dragon	
2A	29	2A = Spectral Dragon	
	#VALUE!		
	#VALUE!	(Sylvan)	
2B	2A	2B = Pixie	
2C	2B	2C = Sprite	
2D	2C	2D = Blade Dancer	
2E	2D	2E = War Dancer	
2F	2E	2F = Hunter	
30	2F	30 = Master Hunter	
31	30	31 = Druid	
32	31	32 = Druid Elder	
33	32	33 = Unicorn	
34	33	34 = Silver Unicorn	
35	34	35 = Treant	
36	35	36 = Ancient Treant	
37	36	37 = Green Dragon	
38	37	38 = Emerald Dragon	
	#VALUE!		
	#VALUE!	(Dungeon)(Academy)	
39	38	39 = Gremlin	
3A	39	3A = Master Gremlin	
3B	3A	3B = Stone Gargoyle	
3C	3B	3C = Obsidian Gargoyle	
3D	3C	3D = Iron Golem	
3E	3D	3E = Steel Golem	
3F	3E	3F = Mage	
40	3F	40 = Archmage	
41	40	41 = Djinn	
42	41	42 = Djinn Sultan	
43	42	43 = Rakshasa Rani	
44	43	44 = Rakshasa Raja	
45	44	45 = Colossus	
46	45	46 = Titan	
	#VALUE!		
47	46	47 = Scout	
48	47	48 = Assassin	
49	48	49 = Blood Maiden	
4A	49	4A = Blood Fury	
4B	4A	4B = Minotaur	

4C	4B	4C = Minotaur Guard
4D	4C	4D = Dark Raider
4E	4D	4E = Grim Raider
4F	4E	4F = Hydra
50	4F	50 = Deep Hydra
51	50	51 = Shadow Witch
52	51	52 = Shadow Matriarch
53	52	53 = Shadow Dragon
54	53	54 = Black Dragon
	#VALUE!	(Unknown)
55	54	55 = Fire Elemental
56	55	56 = Water Elemental
57	56	57 = Earth Elemental
58	57	58 = Air Elemental
59	58	59 = Black Knight
5A	59	5A = Death Knight
5B	5A	5B = Phoenix
	#VALUE!	(Fortress)
5C	5B	5C = Defender
5F	5E	5F = Skirmisher
60	5F	60 = Bear Rider
61	60	61 = Black Bear Rider
62	61	62 = Brawler
63	62	63 = Berserker
64	63	64 = Rune Priest
65	64	65 = Rune Patriarch
66	65	66 = Thane
67	66	67 = Warlord
68	67	68 = Fire Dragon
69	68	69 = Magma Dragon
	#VALUE!	(Haven)
6A	69	6A = Enforcer
6B	6A	6B = Crossbowman
6C	6B	6C = Vindicator
6D	6C	6D = Battle Griffin
6E	6D	6E = Zealot
6F	6E	6F = Champion
70	6F	70 = Seraph
	#VALUE!	(Unknown)
71	70	71 = Wolf
72	71	72 = Yeti
	#VALUE!	(Stronghold)
73	72	73 = Manticore

74	73	74 = Mummy	
75	74	75 = Goblin	
76	75	76 = Goblin Trapper	
77	76	77 = Centaur	
78	77	78 = Centaur Nomad	
79	78	79 = Warrior	
7A	79	7A = Mauler	
7B	7A	7B = Shaman	
7C	7B	7C = Sky Daughter	
7D	7C	7D = Slayer	
7E	7D	7E = Executioner	
7F	7E	7F = Wyvern	
80	7F	80 = Foul Wyvern	
81	80	81 = Cyclop	
82	81	82 = Untamed Cyclop	
	#VALUE!	(inferno)	
83	82	83 = Vermin	
84	83	84 = Horned Giant	
85	84	85 = Firehound	
86	85	86 = Succubus Seducer	
87	86	87 = Hell Stallion	
88	87	88 = Pit Spawn	
89	88	89 = Arch Demon	
	#VALUE!	(Dungeon)	
8A	89	8A = Stalker	
8B	8A	8B = Blood Sister	
8C	8B	8C = Minotaur Taskmaster	
8D	8C	8D = Brisk Raider	
8E	8D	8E = Foul Hydra	
8F	8E	8F = Shadow Mistress	
90	8F	90 = Red Dragon	
	#VALUE!	(Sylvan)	
91	90	91 = Dryad	
92	91	92 = Wind Dancer	
93	92	93 = Arcane Archer	
94	93	94 = High Druid	
95	94	95 = Pristine Unicorn	
96	95	96 = Savage Treant	
97	96	97 = Crystal Dragon	
	#VALUE!	(Necropolis)	
98	97	98 = Skeleton Warrior	
99	98	99 = Rot Zombie	
9A	99	9A = Poltergeist	

9B	9A	9B = Vampire Prince
9C	9B	9C = Lich Master
9D	9C	9D = Banshee
9E	9D	9E = Ghost Dragon
	#VALUE!	(Academy)
9F	9E	9F = Gremlin Saboteur
A0	9F	A0 = Elemental Gargoyle
A1	A0	A1 = Magnetic Golem
A2	A1	A2 = Battle Mage
A3	A2	A3 = Djinn Vizier
A4	A3	A4 = Rakshara Kshara
A5	A4	A5 = Storm Titan
	#VALUE!	(Fortress)
A6	A5	A6 = Mountain Guard
A7	A6	A7 = Harpooner
A8	A7	A8 = Whatebear Rider
A9	A8	A9 = Battlerager
AA	A9	AA = Rune Keeper
AB	AA	AB = Thunder Thane
AC	AB	AC = Lava Dragon
	#VALUE!	(Stronghold)
AD	AC	AD = Goblin Witch-doctor
AE	AD	AE = Centaur Marauder
AF	AE	AF = Warmonger
B0	AF	B0 = Earth Daughter
B1	B0	B1 = Chieftain
B2	B1	B2 = Paokai
B3	B2	B3 = Bloodeyed Cyclops

00A3DFD	8D 49 00	lea ecx,[ecx+00]	00A3DE2B	75 04	jne 00A3DE31
00A3DFE0	8B 10	mov ebx,[eax]	00A3DE2D	33 F8	xor ecx,ecx
00A3DFE2	8B 16	cmp ebx,[esi]	00A3DE2F	E9 20	jmp 00A3DE51
00A3DFE4	75 0A	jne 00A3E000	00A3DE31	8B 4D 34	mov ecx,[ebp+34]
00A3DFE6	84 D8	test bl,bl	00A3DE34	8B 45 38	mov eax,[ebp+38]
00A3DFE8	75 2C	jne 00A3E026	00A3DE37	8B 11	mov ebx,[ecx]
00A3DFFA	C7 00 00000000	mov [eax],00000000 [0]	00A3DE39	53	push ebx
00A3E000	83 C9 04	add eax,04 [4]	00A3DE3A	89 44 24 1C	mov [esp+1C],eax
00A3E003	3B C7	cmp eax,edi	00A3DE3E	FF 12	call dword ptr [edx]
00A3E005	74 E9	jne 00A3DF90	00A3DE40	8B 4C 24 18	mov ebx,[ebp+18]
00A3E007	8B F1	mov esi,edi	00A3DE44	8B F0	mov esi,ebx
00A3E009	3B F7	cmp esi,edi	00A3DE46	8B 01	mov ebx,[ecx]
00A3E00B	75 A6	jne 00A3E033	00A3DE48	53	push ebx
00A3E00D	85 ED	test ebp,ebp	00A3DE49	FF 1D	call dword ptr [eax]
00A3E00F	74 09	je 00A3E01A	00A3DE4B	03 F0	add esi,ebx
00A3E011	85	push ebp	00A3DE4D	8B 44 24 14	mov ebx,[esp+14]
00A3E012	E8 0E8BCFF	call 00A3C330	00A3E051	8B BF 08010000	mov ecx,[edi+00000100]
00A3E017	83 C4 04	add esp,04 [4]	00A3E057	2B BF 04010000	sub ecx,[edi+00000104]
00A3E01A	5D	pop ebp	00A3E05D	01 74 24 10	add [esp+10],esi
00A3E01B	5B	pop ebx	00A3E061	83 C3 01	add esi,01 [1]
00A3E01C	5F	pop edi	00A3DE64	C1 F9 02	sar ecx,02 [2]
00A3E01D	80 01	mov al,01 [1]	00A3DE67	3B C1	cmp ebx,ecx
00A3E01F	5E	pop esi	00A3DE69	8B 44 24 14	mov ebx,[esp+14]
00A3E020	83 C4 14	add esp,14 [20]	00A3DE6D	7C B1	j 00A3DE2D
00A3E023	C2 0400	ret 0004 [4]	00A3DE6F	8B 5C 24 20	mov ebx,[esp+20]
00A3E026	85 ED	test ebp,ebp	00A3DE73	8B BF 00010000	mov ebx,[edi+00000100]
00A3E028	74 09	je 00A3E033	00A3DE78	85 FF	test edi,edi
00A3E02A	55	push ebp	00A3DE7B	74 18	je 00A3DE88
00A3E02B	E8 00E8BCFF	call 00A3C330	00A3DE7D	8B 4D 34	mov ecx,[ebp+34]
00A3E030	83 C4 04	add esp,04 [4]	00A3DE80	8B 11	mov ebx,[ecx]
00A3E033	5D	pop ebp	00A3DE82	8B 4D 38	mov ebx,[ebp+38]
00A3E034	5B	pop ebx	00A3DE85	57	push edi
00A3E035	5F	pop edi	00A3DE86	FF 12	call dword ptr [edx]
00A3E036	32 C0	mov al,al	00A3DE88	8B F0	mov esi,ebx
00A3E038	5E	pop esi	00A3DE8A	8B 46 00	mov eax,[ebp+00]
00A3E039	83 C4 14	add esp,14 [20]	00A3DE8D	57	push edi
00A3E03C	C2 0400	ret 0004 [4]	00A3DE8E	8B CD	mov ebx,edi
00A3E03F	C2	ret 3	00A3DE90	FF 10	call dword ptr [eax]
00A3E040	8B 44 24 04	mov eax,[esp+04]	00A3DE92	03 F0	add esi,ebx
00A3E044	56	push esi	00A3DE94	01 74 24 10	add [esp+10],esi
00A3E045	8B F1	mov esi,ecx	00A3DE98	8B CB	mov ebx,edi
00A3E047	57	push edi	00A3DE9A	E8 6170E8FF	call 00B0C400
00A3E048	8D 7E 0C	lea edi,[esi+0C]	00A3DE9F	8B 80 00010000	mov ebx,[eax+00000100]
00A3E04B	50	push eax	00A3DEA5	85 C0	test eax,ecx
00A3E04C	8B CF	mov ecx,edi	00A3DEA7	5E	pop esi
00A3E04E	E8 8D13A7FF	call 00A4F3E0	00A3DEA8	74 02	je 00A3DEAC
00A3E053	8D 56 E4	lea esi,[esi-1C]	00A3DEAA	8B D8	mov ebx,esi
00A3E056	F7 DA	neg ebx	00A3DEAC	8B CB	mov ebx,edi
00A3E058	1B 02	sub ebx,edx	00A3DEAE	E8 4D77E8FF	call 00B0C400
00A3E05A	23 D6	and ecx,esi	00A3DEB3	85 C0	test eax,ecx
00A3E05C	6A 00	push 00 [0]	00A3DEB5	75 14	jne 00A3DECB
00A3E05E	8B CF	mov ecx,edi	00A3DEB7	33 CB	xor ebx,ecx
00A3E060	E8 98FEFFFF	call 00A3DF00	00A3DEB9	39 44 24 DC	cmp [esp+DC],eax
00A3E065	8D 4E E4	lea esi,[esi-1C]	00A3DEBD	5F	pop edi
00A3E068	E8 0333CF8F	call 00A1D400	00A3DEBE	0F8D C1	setge cl
00A3E06D	5F	pop edi	00A3DEC1	5D	pop ebp
00A3E06E	5E	pop esi	00A3DEC2	8A C1	mov al,dl
00A3E06F	C2 0400	ret 0004 [4]	00A3DEC4	5B	pop ebx
			00A3DEC5	83 C4 0C	add esp,0C [12]
			00A3DEC8	C2 0400	ret 0004 [4]
			00A3DECB	8B 80 A8000000	mov eax,[eax+000000A8]
			00A3DED1	03 C0	add eax,ecx
			00A3DED3	33 C9	xor ecx,ecx
			00A3DED5	39 44 24 DC	cmp [esp+DC],eax
			00A3DED9	5F	pop edi
			00A3DEDA	0F8D C1	setge cl
			00A3DEDD	5D	pop ebp
			00A3DEDE	8A C1	mov al,dl
			00A3DEE0	5B	pop ebx
			00A3DEE1	83 C4 0C	add esp,0C [12]
			00A3DEE4	C2 0400	ret 0004 [4]

