

ARBApc

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Chapter 1

ARBApc

1.1 ARexx For Beginners - Appendix C - ASCII Codes

AREXX FOR BEGINNERS

APPENDIX C - ASCII CODES

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The standard set of ASCII code numbers range from 0 to 127.
They are dealt with under these headings:-

Printable ASCII Code Numbers - 32 to 127
Non-Printable ASCII Code Numbers - 0 to 31

Non standard codes range from 128 to 255. They are dealt with under this heading:-

Non-Standard Code Numbers - 128 to 255

=== End of Text ===

1.2 Appendix C - ASCII Codes - Printable Codes

APPENDIX C - ASCII CODES

Printable ASCII Code Numbers - 32 to 127

These are the code numbers that produce readable characters when sent to the printer or screen.

Code Number		
Dec	Hex	Char

Code Number		
Dec	Hex	Char

Code Number		
Dec	Hex	Char

32	20	Space	64	40	@	96	60	`
33	21	!	65	41	A	97	61	a
34	22	"	66	42	B	98	62	b
35	23	#	67	43	C	99	63	c
36	24	\$	68	44	D	100	64	d
37	25	%	69	45	E	101	65	e
38	26	&	70	46	F	102	66	f
39	27	'	71	47	G	103	67	g
40	28	(	72	48	H	104	68	h
41	29	)	73	49	I	105	69	i
42	2A	*	74	4A	J	106	6A	j
43	2B	+	75	4B	K	107	6B	k
44	2C	,	76	4C	L	108	6C	l
45	2D	-	77	4D	M	109	6D	m
46	2E	.	78	4E	N	110	6E	n
47	2F	/	79	4F	O	111	6F	o
48	30	0	80	50	P	112	70	p
49	31	1	81	51	Q	113	71	q
50	32	2	82	52	R	114	72	r
51	33	3	83	53	S	115	73	s
52	34	4	84	54	T	116	74	t
53	35	5	85	55	U	117	75	u
54	36	6	86	56	V	118	76	v
55	37	7	87	57	W	119	77	w
56	38	8	88	58	X	120	78	x
57	39	9	89	59	Y	121	79	y
58	3A	:	90	5A	Z	122	7A	z
59	3B	;	91	5B	[	123	7B	{
60	3C	<	92	5C	\	124	7C	|
61	3D	=	93	5D	]	125	7D	}
62	3E	>	94	5E	^	126	7E	~
63	3F	?	95	5F	_	127	7F	DELETE

=== End of Text ===

1.3 Appendix C - ASCII Codes - Non-Printable Codes

APPENDIX C - ASCII CODES

Non-Printable ASCII Code Numbers - 0 to 31

These are the code numbers that do not produce characters when sent to printer or screen but that carry out various functions.

Code Number				Code Number			
Dec	Hex	Char	Meaning	Dec	Hex	Char	Meaning
0	00	NUL	Null	16	10	DLE	Data Link Escape
1	01	SOH	Start of Heading	17	11	DC1	Direct Control 1
2	02	STX	Start of Text	18	12	DC2	Direct Control 2
3	03	ETX	End of Text	19	13	DC3	Direct Control 3
4	04	EOT	End Transmission	20	14	DC4	Direct Control 4
5	05	ENQ	Enquiry	21	15	NAK	Negative Acknowledge

6	06	ACK	Acknowledge	22	16	SYN	Synchronous Idle
7	07	BEL	Bell	23	17	ETB	End Transmission Block
8	08	BS	Back space	24	18	CAN	Cancel
9	09	HT	Horizontal Tab	25	19	EM	End of Medium
10	0A	LF	Line Feed	26	1A	SUB	Substitute
11	0B	VT	Vertical Tab	27	1B	ESC	Escape
12	0C	FF	Form Feed	28	1C	FS	Form Separator
13	0D	CR	Carriage Return	29	1D	GS	Group Separator
14	0E	SO	Shift Out	30	1E	RS	Record Separator
15	0F	SI	Shift In	31	1F	US	Unit Separator

This lot of seemingly gobbledegook is a list of codes that are mainly used for the control of the transmission of data between the computer and its peripherals, e.g. printer, modem, disk drive, etc.

For the most part, ARexx programmers (especially beginners) can forget about these non-printable codes. However, there are a few that may be useful which are dealt with in Article 15.

=== End of Text ===

1.4 Appendix C - ASCII Codes - Non-Standard Codes

APPENDIX C - ASCII CODES

Non-Standard Code Numbers - 128 to 255

The code numbers from 128 to 255 are not normally included in the "true" set of ASCII numbers. However, many fonts use these numbers for special characters that are generally produced when you press keys in conjunction with the ALT and the SHIFT/ALT control keys.

These code numbers are described as Non-ASCII as they have not been standardised. The characters (if any) that they represent may vary from computer to computer (e.g. from Amiga to IBM) and even from font to font for the same computer

The list shown below covers code numbers 161 to 255. My setup does not give any characters for codes 128 to 160.

If you do not see any characters under the "Char" headings below, or if some are missing, then the font you are using is different to mine in this range of code numbers.

Do not take this list as definitive. I have included it here only to show you the type of characters produced by the codes in the range 128-255. As indicated above, different fonts and different computers may produce a completely different set of characters.

Code Number			Code Number			Code Number		
Dec	Hex	Char	Dec	Hex	Char	Dec	Hex	Char
161	A1	;	162	A2	¢	163	A3	£
164	A4	¤	165	A5	\$\yen\$	166	A6	|

167	A7	§	168	A8	¨	169	A9	©
170	AA	ª	171	AB	«	172	AC	\ensuremath{\backslashnot}
173	AD		174	AE	®	175	AF	-
176	B0	\textdegree{}	177	B1	\ensuremath{\backslashpm}	178		↔
	B2	²						
179	B3	³	180	B4	´	181	B5	\mathrm{\mu}
182	B6	ℚ	183	B7	·	184	B8	,
185	B9	¹	186	BA	°	187	BB	»
188	BC	¼	189	BD	½	190	BE	¾
191	BF	¿	192	C0	À	193	C1	Á
194	C2	Â	195	C3	Ã	196	C4	Ä
197	C5	Å	198	C6	Æ	199	C7	Ç
200	C8	È	201	C9	É	202	CA	Ê
203	CB	Ë	204	CC	Ì	205	CD	Í
206	CE	Î	207	CF	Ï	208	D0	Ð
209	D1	Ñ	210	D2	Ò	211	D3	Ó
212	D4	Ô	213	D5	Õ	214	D6	Ö
215	D7	×	216	D8	Ø	217	D9	Ù
218	DA	Ú	219	DB	Û	220	DC	Ü
221	DD	Ý	222	DE	Þ	223	DF	ß
224	E0	à	225	E1	á	226	E2	â
227	E3	ã	228	E4	ä	229	E5	å
230	E6	æ	231	E7	ç	232	E8	è
233	E9	é	234	EA	ê	235	EB	ë
236	EC	ì	237	ED	í	238	EE	î
239	EF	ï	240	F0	ð	241	F1	ñ
242	F2	ò	243	F3	ó	244	F4	ô
245	F5	õ	246	F6	ö	247	F7	÷
248	F8	ø	249	F9	ù	250	FA	ú
251	FB	û	252	FC	ü	253	FD	ý
254	FE	þ	255	FF	ÿ			

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