Tokens (2B)

Please send corrections (or suggestions) to youngwlim@hotmail.com.

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Young Won Lim
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Based on Embedded Software in C for an ARM Cortex M
http://users.ece.utexas.edu/~valvano/Volume1/

ASCII

BITS 6 to 4

BITS 3 to 0	0	1	2	3	4	5	6	7
0	NUL	DLE	SP	0	@	P	`	p
1	SOH	DC1	!	1	A	Q	a	q
2	STX	DC2	"	2	B	R	b	r
3	ETX	DC3	#	3	C	S	c	s
4	EOT	DC4	$	4	D	T	d	t
5	ENQ	NAK	%	5	E	U	e	u
6	ACK	SYN	&	6	F	V	f	v
7	BEL	ETB	'	7	G	W	g	w
8	BS	CAN	(	8	H	X	h	x
9	HT	EM	)	9	I	Y	i	y
A	LF	SUB	*	:	J	Z	j	z
B	VT	ESC	+	;	K	[	k	{
C	FF	FS	,	<	L	\	l	|
D	CR	GS	-	=	M	]	m	}
E	SO	RS	.	>	N	^	n	~
F	S1	US	/	?	O	_	o	DEL

Port IO

1. Start every variable name with its type. E.g.,

b	boolean true/false
s8	8-bit signed integer
u8	8-bit unsigned integer
s16	16-bit signed integer
u16	16-bit unsigned integer
s32	32-bit signed integer
u32	32-bit unsigned integer
c	8-bit ASCII character
s	null terminated ASCII string

References

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