

Section 2 - ASCII and Unicode

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• SECTION 2 •

... ASCII + UNICODE ...

ASCII - AMERICAN STANDARD CODE FOR INFORMATION INTERCHANGE

- THE STANDARD FOR ENCODING THE REPRESENTATION OF CHARACTERS
- CONTAINS 128 CHARACTERS

A FEW EXAMPLES

BIT CODE	DECIMAL	CHAR
100 0000	64	@
100 0001	65	A
100 0010	66	B
100 0011	67	C

- TEXT IS A STRING OF BIT CODES

HELLO →

H	100	1001
E	100	0101
L	100	1100
L	100	1100
O	100	1111





UNICODE - ANOTHER CHARACTER
ENCODING STANDARD

U+AAAA

Denotes
UNICODE

HEX CODE

- THE UNICODE CHART IS MASSIVE
HERE'S A TIDBIT

Code Point	Char	Code Point	Char
0020	space	2654	
0021	!	2655	
0022	"	2656	
0023	\$	2657	

- INCLUDES CHESS PIECES + SMILES