

IA-32 architecture condition codes

condition codes						
bits				CC		condition(s)
3	2	1	0			
0	0	0	0	O		overflow
0	0	0	1	NO		no overflow
0	0	1	0	B (NAE, C)	u n s i g n e d	below (not above or equal, carry)
0	0	1	1	NB (AE, NC)		not below (above or equal, no carry)
0	1	0	0	E (Z)		equal (zero)
0	1	0	1	NE (NZ)		not equal (not zero)
0	1	1	0	NA (BE)		not above (below or equal)
0	1	1	1	A (NBE)		above (not below or equal)
1	0	0	0	S		sign
1	0	0	1	NS		no sign
1	0	1	0	P (PE)		parity (parity even)
1	0	1	1	NP (PO)		no parity (parity odd)
1	1	0	0	L (NGE)	s i g n e d	less than (not greater than or equal)
1	1	0	1	NL (GE)		not less than (greater than or equal)
1	1	1	0	NG (LE)		not greater than (less than or equal)
1	1	1	1	G (NLE)		greater than (not less than or equal)

