Class	Data size	Sun Java 6 (u14)			IBM Java 6 (J9 SR4)		
		Header	Alignment fill	Total bytes	Header	Alignment	Total bytes
Boolean	1	8	7	16	12	3	16
Byte	1	8	7	16	12	3	16
Character	2	8	6	16	12	1	16
Short	2	8	6	16	12	1	16
Integer	4	8	4	16	12	0	16
Float	4	8	4	16	12	0	16
Long	8	8	0	16	12	4	24
Double	8	8	0	16	12	4	24