

QuickSort

Value in relation to 'I

–Q KR Def'

40%

50%

60%

70%

80%

90%

100%

Sorting algorithm

I	-O	KR	POP	-
I	-O	KR	Def	-
I	-O	KR	STL	-
I	-O	KR	AIF	-

N N N N N N N N N N
 B B B B B B B B B B
 e e e e e e e e e e
 s s s s s s s s s s
 t t t t t t t t t t
 - - - - - - - - - -
 O O O O O O O O O O
 K K K K K K K K K K
 4 4 4 4 4 4 4 4 4 4
 C C C C C C C C C C
 m m m m m m m m m m
 - - - - - - - - - -
 D D D D D D D D D D
 e e e e e e e e e e
 t t t t t t t t t t
 l e l e l e l e l e l e

N	B	N	C	F	x	-	O	KR	4	C	S	-
N	B	N	C	F	x	-	O	KR	4	C	m	-
N	B	N	C	F	x	-	O	KR	4	C	p	a
N	B	N	C	F	x	-	O	KR	4	C	P	r
N	B	N	C	F	x	-	O	KR	4	C	e	r
N	B	N	C	F	x	-	O	KR	4	C	T	i

N	BNI	-O	KR	Cla
N	BNI	-O	KR	4Cs
N	BNI	-O	KR	CPr
N	BNI	-O	KR	4Cf
N	BNI	-O	KR	Def
N	BNI	-O	KR	Tie

N	BNR	-O	KR	4Cm
N	BNR	-O	KR	CS-
N	BNR	-O	KR	Cla
N	BNR	-O	KR	Pref
N	BNR	-O	KR	Delt
N	BNR	-O	KR	Tile

OSort -O KR Def -

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RadixT -O RSSKR Def -
RadixT -O StdKR Def -
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SkaSort -Q RSSKR Def -
SkaSort -Q StdKR Def -
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StdSort -Q KR Def -

1.5e+07

2.0e+07

2.5e+07

3.0e+07

3.5e+07

CPU cycles per iteration