

multikeyqsort.cpp, dir: I:\test\hitachi\stacksize\burstsor

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replace with

91

```

60         break;
61         swap2(pi, pi-1);
62     }
63 }
64
65 void ssort2(char **a, int
66 {   int d, r, partval;
67     char **pa, **pb, **pc
68     if (n < 10) {
69         inssort(a, n, dep
70         return;
71     }
72     pl = a;
73     pm = a + (n/2);
74     pn = a + (n-1);
75     if (n > 30) { // On big arrays, pseudomedian of 9
76         d = (n/8);
77         pl = med3(pl, pl+d, pl+2*d);
78         pm = med3(pm-d, pm, pm+d);
79         pn = med3(pn-2*d, pn-d, pn);
80     }
81     pm = med3(pl, pm, pn);
82     swap2(a, pm);
83     partval = ptr2char(a);
84     pa = pb = a + 1;
85     pc = pd = a + n-1;
86     for (;;) {
87         while (pb <= pc && (r = ptr2char(pb)-partval) <= 0) {
88             if (r == 0) { swap2(pa, pb); pa++; }
89             pb++;
90         }
91         while (pb <= pc && (r = ptr2char(pc)-partval) >= 0) {
92             if (r == 0) { swap2(pc, pd); pd--; }
93             pc--;
94         }
95         if (pb > pc) break;
96         swap2(pb, pc);
97         pb++;
98         pc--;
99     }
100    pn = a + n;
101    r = min(pa-a, pb-pa);   vecswap2(a, pb-
102    r = min(pd-pc, pn-pd-1); vecswap2(pb, pn-
103    if ((r = pb-pa) > 1)
104        ssort2(a, r, depth);
105    if (ptr2char(a + r) != 0)
106        ssort2(a + r, pa-a + pn-pd-1, depth+1
107    if ((r = pd-pc) > 1)
108        ssort2(a + n-r, r, depth);
109    ...

```

Violations of design and coding source checks are flagged, and easy to cycle through.

The File Editor presents the actual source code, providing a variety of features to efficiently read, navigate and edit the software.

Here, as in any display, you can learn more about any symbol by clicking to bring up the Overlay window.

ptr2char

category	macro
Location	
file	../stacksize/burstsort/multikeyqsort.cpp
line	30
x mod date:	
Declaration	
#define ptr2char(i) (*(*(i) + depth))	
Preprocessed Sequence	
(*(*(pc) + depth))	

The Overlay window expands out a macro's meaning in its current context.