

libpano13-bin: out of bounds read in PTinfo 74 views



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to hugin and other free panoramic software

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In libpano13-2.9.20, there is an out-of-bounds read bug.
The bug in function panoParserFindOLine() in parser.c.

line 2494 called strchr, the return pointer is null and then `ptr++` to 0x1.

...

```
2494 ptr = strchr(ptr, '\n');  
    // ptr=0x00007fffffffe1f8 → 0x0000000000000000  
→ 2495 ptr++;
```

...

So at line 2467, the *ptr(0x01) cannot access and resulted in an out of bounds read and crash.

...

```
// ptr=0x00007fffffffe1f8 → 0x0000000000000001  
→ 2466 while (ptr != NULL) {  
• 2467 if (*ptr == 'o') {  
...
```

the backtrace: