mjdecker / **survey_tools**

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Sample 13 modified code.

⑂ master

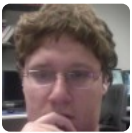Browse files

mjdecker committed 8 hours ago   1 parent 79b477e   commit 87fb9af9750cf8770f3e3c32e6e17b4e11edb536

📄 Showing **1 changed file** with **13 additions** and **6 deletions**.   Unified | Split

19 🟩🟩🟩🟥⬜ tool1/sample13.java   View

```
@@ -1,26 +1,33 @@
 1    @Beta                                               1    @Beta
 2    @Nullable                                           2    @Nullable
 3    @CheckForNull                                       3    @CheckForNull
 4  - public static Long tryParse(String string) {      4  + public static Long tryParse(String string, int radix) {
 5      if (checkNotNull(string).isEmpty()) {           5      if (checkNotNull(string).isEmpty()) {
 6        return null;                                   6        return null;
 7      }                                               7      }
                                                         8  +   if (radix < Character.MIN_RADIX || radix >
                                                                   Character.MAX_RADIX) {
                                                         9  +     throw new IllegalArgumentException(
                                                        10  +         "radix must be between MIN_RADIX and MAX_RADIX but was
                                                                   " + radix);
                                                        11  +   }
 8      boolean negative = string.charAt(0) == '-';    12      boolean negative = string.charAt(0) == '-';
 9      int index = negative ? 1 : 0;                  13      int index = negative ? 1 : 0;
10      if (index == string.length()) {                14      if (index == string.length()) {
11        return null;                                 15        return null;
12      }                                              16      }
13  -   int digit = string.charAt(index++) - '0';      17  +   int digit = digit(string.charAt(index++));
14  -   if (digit < 0 || digit > 9) {                  18  +   if (digit < 0 || digit >= radix) {
15        return null;                                 19        return null;
16      }                                              20      }
17      long accum = -digit;                           21      long accum = -digit;
                                                        22  +
                                                        23  +   long cap = Long.MIN_VALUE / radix;
                                                        24  +
18      while (index < string.length()) {              25      while (index < string.length()) {
19  -     digit = string.charAt(index++) - '0';        26  +     digit = digit(string.charAt(index++));
20  -     if (digit < 0 || digit > 9 || accum < Long.MIN_VALUE / 10)  27  +     if (digit < 0 || digit >= radix || accum < cap) {
          {
21        return null;                                 28        return null;
22      }                                              29      }
23  -     accum *= 10;                                 30  +     accum *= radix;
24        if (accum < Long.MIN_VALUE + digit) {        31        if (accum < Long.MIN_VALUE + digit) {
25          return null;                               32          return null;
26        }                                            33        }
27        accum -= digit;                              34        accum -= digit;
28      }                                              35      }
29                                                     36
30      if (negative) {                                37      if (negative) {
31        return accum;                                38        return accum;
32      } else if (accum == Long.MIN_VALUE) {          39      } else if (accum == Long.MIN_VALUE) {
33        return null;                                 40        return null;
34      } else {                                       41      } else {
35        return -accum;                               42        return -accum;
36      }                                              43      }
37    }                                               44    }
```

0 comments on commit `87fb9af`

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