

*charstr\_add\_char(char str, char c, unsigned long str\_size)*

*str = (char)realloc(str, str\_size)*

*str == NULL*

**True**

*perror("realloc")*

*exit(-1)*

**False**

*str[str\_size - 1] = c*

*str*



```
graph TD; Start([charstr_add_char(char str, char c, unsigned long str_size)]) --> Realloc[str = (char)realloc(str, str_size)]; Realloc --> Null{str == NULL}; Null -- True --> Perror[perror("realloc")]; Perror --> Exit[exit(-1)]; Exit --> Assign[str[str_size - 1] = c]; Null -- False --> Assign; Assign --> End([str]);
```