

# 014. Longest Common Prefix

## 014 Longest Common Prefix

- string

### Description

Write a function to find the longest common prefix string amongst an array of strings.

### 1. Thought Line

### 2. string

```
1 class Solution {
2 public:
3     string longestCommonPrefix(vector<string>& strs) {
4         string prefix = "";
5         int idx = 0;
6         while(true&&!strs.empty()){
7             for(int i=0; i<strs.size(); i++){
8                 if(idx >= strs[i].size() ||
9                    (i > 0 && strs[i][idx] != strs[i-1][idx]))
10                    return prefix;
11             }
12             prefix+=strs[0][idx];
13             ++idx;
14         }
15         return prefix;
16     }
17 };
```