

小型代码管理系统的实现方式

这个玩意超好用！尤其是小学期的时候疯狂代码开发之后呢！

灵感来源于多校第五场的K题。同样是大作业一样的题目，与之前不同的是，本次的题目有标程。

题目

题意：合并一些代码，使代码长度最短，输出方案。

与其他人一起编写代码有时意味着浪费时间——至少你会花很多时间来合并不同的分支并测试它们是否存在潜在的bug。有时git标记的区别只是不同的编码风格！

```
#include <bits/stdc++.h>

int main()
{
<<<<<< branch1
    printf("Hello world!");
=====
    puts("Hello World!");
>>>>>> branch2
}
```

下面是一个合并helloworld的例子。branch1上的一个使用printf，但是第二个程序员更喜欢puts。好吧，解决这个问题一个办法是，在不同的预设开启时，做一些适当的定义，让事情正常运作。最简单的方法之一是将git的标记改为define。也就是说：

```
#include <bits/stdc++.h>

int main()
{
#ifdef branch1
    printf("Hello world!");
#else
    puts("Hello World!");
#endif
}
```

然而，有时git不会标记一个精确的范围，以简单的方式替换标记不会得到一个最短的答案。如果add定义不同，以下代码可能会更短。

```
#include <bits/stdc++.h>
using namespace std;

int main()
{
    int a, b;
```

```
<<<<<< branch1
    cin >> a >> b;
=====
    scanf("%d%d", &a, &b);
>>>>>> branch2
    if (a < 0 || b < 0) return 1;
<<<<<< branch1
    cout << a + b << endl;
=====
    printf("%d\n", a + b);
>>>>>> branch2
}
```

定义和限制

你的任务是输出一些最短的合并答案，一些C++代码。

- 文件中将有1个或多个冲突。冲突用与示例代码完全相同的格式标记。也就是说：
 - 开头用“<<<<< branch1”
 - “===== ”用于分隔冲突。
 - “>>>>> branch2”表示结束。
- 标记之间有0行或更多行代码。
- 代码中不会出现“<<<<< branch2”或“>>>>> branch1”
- 代码中不会出现嵌套冲突。
- 没有其他行以“<<<<<”、“===== ”或“>>>>>”开头。
- 输入文件不一定是git的输出，也不能保证标记的精确性：它可能像后面的示例一样包含“令人惊讶”的输出。但是，它将严格遵循格式。
- 您可以用（仅）以下命令重新排列代码，只要它们符合预处理器标准：

```
#ifdef branch1
#ifdef branch2
#else
#endif
```

- 除了上述指令之外，您不应该插入任何其他指令，也不应该在代码中预处理任何指令。
- 代码中没有其他的#ifdef/ifndef/endif指令，也没有#define/undef与“branch1”“branch2”相关，因此您不需要处理与普通代码不同的预处理器指令。
- 两个定义“branch1”或“branch2”将一次打开一个。
- 空行也应算作行，并且处理后的输出应该与两个文件完全匹配。但是，允许输入文件在EOF之前以单个'\n'结尾，并且在'\n'之前没有额外的空格。
- 输入文件的字符集是所有可见的ASCII字符（从33到126，'\n'、'\t'和空格（32）。换行符被授予“\n”而不是“\r\n”
- “最短”表示代码行数最少。不一定要输出以字节为单位的最短答案。

输入输出描述

输入文件最多包含4000行代码或git标记，每行最多256个字节，包括“\n”

当然，至少有一个冲突和至少一个代码行。

输出具有最少行数的代码，当不同的定义on时，将与两个分支完全匹配。如果有多个答案，请打印任何答案。

检查器将尝试修复一些令人不快的问题，包括忽略行尾的空格和文件末尾的额外换行符。不过，建议您将答案以样本格式输出，以避免由于呈现错误而导致的错误答案。

输出必须少于5000行，每行最多300字节，包括'\n'。否则，您将收到错误的答案判决。

样例一：

```
#include <bits/stdc++.h>
using namespace std;

int main() {
    int a, b;
    <<<<<< branch1
    cin >> a >> b;
    =====
    scanf("%d%d", &a, &b);
    >>>>>> branch2
    if (a < 0 || b < 0) return 1;
    <<<<<< branch1
    cout << a + b << endl;
    =====
    printf("%d\n", a + b);a
    >>>>>> branch2
}
```

```
#include <bits/stdc++.h>
using namespace std;

int main() {
    int a, b;
    #ifdef branch1
    cin >> a >> b;
    if (a < 0 || b < 0) return 1;
    cout << a + b << endl;
    #else
    scanf("%d%d", &a, &b);
    if (a < 0 || b < 0) return 1;
    printf("%d\n", a + b);a
    #endif
}
```

样例二：

```
<<<<<< branch1
int main() {
    return 0;
}
```

```
=====
int main() {
}
>>>>>> branch2
```

```
int main() {
#ifdef branch1
    return 0;
#endif
}
```

样例三：

```
<<<<<< branch1
int main() {}
=====
int main() {}
>>>>>> branch2
```

```
int main() {}
```

备注

以输入文件2为例，让我们来验证输入文件的格式是否正确：

“<<<<< branch1\nint main() {\n return 0;\n}\n\n=====\nint main() {\n}\n\n>>>>>> branch2\n”

一个可能的输出（作为样本输出2）是：

“int main() {\n#ifdef branch1\n return 0;\n#endif\n}\n”

请注意，如果在Windows上运行测试，则在使用getline[]时必须注意到“\r”问题。测试数据将不包含任何“\r”

做法

大模拟。

先预处理出两个文件，然后 $dp[i][j][0/1/2]$ 表示第一个文件第 i 行，第二个文件第 j 行，在公用/ifndef 1/ifndef 2 内，切换有代价 1 $dp[n][m][0]$ 是答案 dp 可以存在 short 里。

通关代码

只使用了C语言。

```
#include<stdio.h>
```

```
#include<string.h>

const char op1[]="<<<<<< branch1";
const char op2[]="=====";
const char op3[]=">>>>>> branch2";

struct pp
{
    int first;
    int second;
};

struct pp makepp(int a,int b)
{
    struct pp temp;
    temp.first=a;
    temp.second=b;
    return temp;
}

struct pp op1hash,op2hash,op3hash;

char s1[4007][267],s2[4007][267];
int len1[4007],len2[4007];
char s[267];
int n1=0,n2=0;

struct pp hash1[4007],hash2[4007];

short f[4007][4007][3],g[4007][4007][3];

struct qq
{
    struct pp first;
    int second;
};

struct qq makeqq(struct pp a,int b)
{
    struct qq temp;
    temp.first=a;
    temp.second=b;
    return temp;
}

struct qq que[4007];

int cnt=0;

int main()
{
```

```
op1hash=makepp(0,0);
int i;
for(i=0;i<strlen(op1);i++)
{
    op1hash.first=(1LL*307*op1hash.first+op1[i]+1)%998244353;
    op1hash.second=(1LL*307*op1hash.second+op1[i]+1)%100000007;
}
op2hash=makepp(0,0);
for(i=0;i<strlen(op2);i++)
{
    op2hash.first=(1LL*307*op2hash.first+op2[i]+1)%998244353;
    op2hash.second=(1LL*307*op2hash.second+op2[i]+1)%100000007;
}
op3hash=makepp(0,0);
for(i=0;i<strlen(op3);i++)
{
    op3hash.first=(1LL*307*op3hash.first+op3[i]+1)%998244353;
    op3hash.second=(1LL*307*op3hash.second+op3[i]+1)%100000007;
}
int curstatus=0;
char ch=getchar();
while(ch!=EOF)
{
    int len=0;
    while(ch!='\n'&&ch!=EOF)
    {
        s[len++]=ch;
        ch=getchar();
    }
    struct pp h=makepp(0,0);
    for(i=0;i<len;i++)
    {
        h.first=(1LL*307*h.first+s[i]+1)%998244353;
        h.second=(1LL*307*h.second+s[i]+1)%100000007;
    }
    if(h.first==op1hash.first&&h.second==op1hash.second)
    {
        curstatus=1;
    }
    else if(h.first==op2hash.first&&h.second==op2hash.second)
    {
        curstatus=2;
    }
    else if(h.first==op3hash.first&&h.second==op3hash.second)
    {
        curstatus=0;
    }
    else
    {
        if(curstatus!=1)
        {
```

```
        len2[++n2]=len;
        hash2[n2]=h;
        for(i=0;i<len;i++)
        {
            s2[n2][i]=s[i];
        }
    }
    if(curstatus!=2)
    {
        len1[++n1]=len;
        hash1[n1]=h;
        for(i=0;i<len;i++)
        {
            s1[n1][i]=s[i];
        }
    }
}
if(ch!=EOF)
{
    ch=getchar();
}
}
for(i=0;i<=n1;i++)
{
    int j;
    for(j=0;j<=n2;j++)
    {
        int k;
        for(k=0;k<3;k++)
        {
            f[i][j][k]=10007;
            g[i][j][k]=0;
        }
    }
}
f[0][0][0]=0;
f[0][0][1]=1;
g[0][0][1]=0;
f[0][0][2]=1;
g[0][0][2]=0;
for(i=0;i<=n1;i++)
{
    int j;
    for(j=0;j<=n2;j++)
    {
        if(i==0&&j==0)
        {
            continue;
        }
        if(i>0)
        {

```

```
        if(f[i][j][1]>f[i-1][j][1]+1)
        {
            f[i][j][1]=f[i-1][j][1]+1;
            g[i][j][1]=-1;
        }
    }
    if(j>0)
    {
        if(f[i][j][2]>f[i][j-1][2]+1)
        {
            f[i][j][2]=f[i][j-1][2]+1;
            g[i][j][2]=-1;
        }
    }
if(i>0&&j>0&&hash1[i].first==hash2[j].first&&hash1[i].second==hash2[j].second)
{
    if(f[i][j][0]>f[i-1][j-1][0]+1)
    {
        f[i][j][0]=f[i-1][j-1][0]+1;
        g[i][j][0]=-1;
    }
}
int k1;
for(k1=0;k1<3;k1++)
{
    int k2;
    for(k2=0;k2<3;k2++)
    {
        if(f[i][j][k1]>f[i][j][k2]+1)
        {
            f[i][j][k1]=f[i][j][k2]+1;
            g[i][j][k1]=k2;
        }
    }
}
}
que[++cnt]=makeqq(makepp(n1,n2),0);
while(que[cnt].first.first!=0||que[cnt].first.second!=0||que[cnt].second!=0)
{
    int x=que[cnt].first.first;
    int y=que[cnt].first.second;
    int k=que[cnt].second;
    if(g[x][y][k]!=-1)
    {
        k=g[x][y][k];
    }
    else if(k==0)
    {

```

```
        --x,--y;
    }
    else if(k==1)
    {
        --x;
    }
    else
    {
        --y;
    }
    que[++cnt]=makeeq(makepp(x,y),k);
}
for(i=cnt-1;i;i--)
{
    int x=que[i].first.first;
    int y=que[i].first.second;
    int k=que[i].second;
    if(g[x][y][k]!=-1)
    {
        if(g[x][y][k]==0)
        {
            if(k==1)
            {
                printf("#ifdef branch1\n");
            }
            else if(k==2)
            {
                printf("#ifdef branch2\n");
            }
        }
        else
        {
            if(k==0)
            {
                printf("#endif\n");
            }
            else
            {
                printf("#else\n");
            }
        }
    }
    else
    {
        if(k==1)
        {
            int ii;
            for(ii=0;ii<len1[x];ii++)
            {
                printf("%c",s1[x][ii]);
            }
        }
    }
}
```

```
        printf("\n");
    }
    else
    {
        int ii;
        for(ii=0;ii<len2[y];ii++)
        {
            printf("%c",s2[y][ii]);
        }
        printf("\n");
    }
}
return 0;
}
```

文件处理时的代码

以Home.vue文件为例：

```
#include<stdio.h>
#include<string.h>

const char op1[]="<<<<<< branch1";
const char op2[]="=====";
const char op3[]=">>>>>> branch2";

struct pp
{
    int first;
    int second;
};

struct pp makepp(int a,int b)
{
    struct pp temp;
    temp.first=a;
    temp.second=b;
    return temp;
}

struct pp op1hash,op2hash,op3hash;

char s1[4007][267],s2[4007][267];
int len1[4007],len2[4007];
char s[267];
int n1=0,n2=0;
```

```
struct pp hash1[4007],hash2[4007];

short f[4007][4007][3],g[4007][4007][3];

struct qq
{
    struct pp first;
    int second;
};

struct qq makeqq(struct pp a,int b)
{
    struct qq temp;
    temp.first=a;
    temp.second=b;
    return temp;
}

struct qq que[4007];

int cnt=0;

int main()
{
    FILE* f1;
    FILE* f2;
    f1=fopen("Home.vue","r");
    f2=fopen("out.txt","w");
    op1hash=makepp(0,0);
    int i;
    for(i=0;i<strlen(op1);i++)
    {
        op1hash.first=(1LL*307*op1hash.first+op1[i]+1)%998244353;
        op1hash.second=(1LL*307*op1hash.second+op1[i]+1)%1000000007;
    }
    op2hash=makepp(0,0);
    for(i=0;i<strlen(op2);i++)
    {
        op2hash.first=(1LL*307*op2hash.first+op2[i]+1)%998244353;
        op2hash.second=(1LL*307*op2hash.second+op2[i]+1)%1000000007;
    }
    op3hash=makepp(0,0);
    for(i=0;i<strlen(op3);i++)
    {
        op3hash.first=(1LL*307*op3hash.first+op3[i]+1)%998244353;
        op3hash.second=(1LL*307*op3hash.second+op3[i]+1)%1000000007;
    }
    int curstatus=0;
    char ch=fgetc(f1);
    while(ch!=EOF)
    {
```

```
int len=0;
while(ch!='\n' && ch!=EOF)
{
    s[len++]=ch;
    ch=fgetc(f1);
}
struct pp h=makepp(0,0);
for(i=0;i<len;i++)
{
    h.first=(1LL*307*h.first+s[i]+1)%998244353;
    h.second=(1LL*307*h.second+s[i]+1)%100000007;
}
if(h.first==op1hash.first && h.second==op1hash.second)
{
    curstatus=1;
}
else if(h.first==op2hash.first && h.second==op2hash.second)
{
    curstatus=2;
}
else if(h.first==op3hash.first && h.second==op3hash.second)
{
    curstatus=0;
}
else
{
    if(curstatus!=1)
    {
        len2[++n2]=len;
        hash2[n2]=h;
        for(i=0;i<len;i++)
        {
            s2[n2][i]=s[i];
        }
    }
    if(curstatus!=2)
    {
        len1[++n1]=len;
        hash1[n1]=h;
        for(i=0;i<len;i++)
        {
            s1[n1][i]=s[i];
        }
    }
}
if(ch!=EOF)
{
    ch=fgetc(f1);
}
}
for(i=0;i<=n1;i++)
```

```
{
    int j;
    for(j=0;j<=n2;j++)
    {
        int k;
        for(k=0;k<3;k++)
        {
            f[i][j][k]=10007;
            g[i][j][k]=0;
        }
    }
}
f[0][0][0]=0;
f[0][0][1]=1;
g[0][0][1]=0;
f[0][0][2]=1;
g[0][0][2]=0;
for(i=0;i<=n1;i++)
{
    int j;
    for(j=0;j<=n2;j++)
    {
        if(i==0&&j==0)
        {
            continue;
        }
        if(i>0)
        {
            if(f[i][j][1]>f[i-1][j][1]+1)
            {
                f[i][j][1]=f[i-1][j][1]+1;
                g[i][j][1]=-1;
            }
        }
        if(j>0)
        {
            if(f[i][j][2]>f[i][j-1][2]+1)
            {
                f[i][j][2]=f[i][j-1][2]+1;
                g[i][j][2]=-1;
            }
        }
        if(i>0&&j>0&&hash1[i].first==hash2[j].first&&hash1[i].second==hash2[j].second)
        {
            if(f[i][j][0]>f[i-1][j-1][0]+1)
            {
                f[i][j][0]=f[i-1][j-1][0]+1;
                g[i][j][0]=-1;
            }
        }
    }
}
```

```
        int k1;
        for(k1=0;k1<3;k1++)
        {
            int k2;
            for(k2=0;k2<3;k2++)
            {
                if(f[i][j][k1]>f[i][j][k2]+1)
                {
                    f[i][j][k1]=f[i][j][k2]+1;
                    g[i][j][k1]=k2;
                }
            }
        }
    }
    que[++cnt]=makeqq(makepp(n1,n2),0);
while(que[cnt].first.first!=0||que[cnt].first.second!=0||que[cnt].second!=0)
{
    int x=que[cnt].first.first;
    int y=que[cnt].first.second;
    int k=que[cnt].second;
    if(g[x][y][k]!=-1)
    {
        k=g[x][y][k];
    }
    else if(k==0)
    {
        --x,--y;
    }
    else if(k==1)
    {
        --x;
    }
    else
    {
        --y;
    }
    que[++cnt]=makeqq(makepp(x,y),k);
}
for(i=cnt-1;i;i--)
{
    int x=que[i].first.first;
    int y=que[i].first.second;
    int k=que[i].second;
    if(g[x][y][k]!=-1)
    {
        if(g[x][y][k]==0)
        {
            if(k==1)
            {
```

```
        fprintf(f2, "#ifdef branch1\n");
    }
    else if(k==2)
    {
        fprintf(f2, "#ifdef branch2\n");
    }
}
else
{
    if(k==0)
    {
        fprintf(f2, "#endif\n");
    }
    else
    {
        fprintf(f2, "#else\n");
    }
}
}
else
{
    if(k==1)
    {
        int ii;
        for(ii=0;ii<len1[x];ii++)
        {
            fprintf(f2, "%c", s1[x][ii]);
        }
        fprintf(f2, "\n");
    }
    else
    {
        int ii;
        for(ii=0;ii<len2[y];ii++)
        {
            fprintf(f2, "%c", s2[y][ii]);
        }
        fprintf(f2, "\n");
    }
}
}
fclose(f1);
fclose(f2);
return 0;
}
```

处理前：

```
<<<<<< branch1
```

```
<template>
  <div class="home">
    <Navigator return="home" />
    <el-row :span="10">
      <!-- 左侧导航栏 -->
      <el-col :span="5">
        <el-menu
          default-active="1"
          class="el-menu-vertical-demo">

          <el-menu-item index="1" @click="pageflag=1">
            <i class="el-icon-menu"></i>
            <span slot="title" v-bind:disabled="isteamspace">工作台</span>
          </el-menu-item>

          <el-menu-item index="2" @click="pageflag=2">
            <i class="el-icon-message"></i>
            <span slot="title" >收件箱</span>
          </el-menu-item>

          <el-menu-item index="3" @click="pageflag=3">
            <i class="el-icon-delete"></i>
            <span slot="title" >回收站</span>
          </el-menu-item>

          <el-submenu index="4">
            <template slot="title">
              <i class="el-icon-s-custom"></i>
              <span>团队空间</span>
            </template>
            <el-menu-item-group>
              <el-menu-item @click="toggleModalCreate">
                <template slot="title" >
                  <i class="el-icon-plus"></i>
                  <span slot="title" >新建团队</span>
                </template>
              </el-menu-item>
              <el-menu-item @click="toggleModalJoin">
                <i class="el-icon-zoom-in"></i>
                <span slot="title" >加入团队</span>
              </el-menu-item>
              <el-menu-item v-for="item in allteams.data" :key="item.id">
                </el-menu-item>
            </el-menu-item-group>
          </el-submenu>

        </el-menu>
      </el-col>
      <!-- 右侧内容 -->
      <el-col :span="19">
        <!-- 工作台页面 -->
```

```
<div v-if="pageflag==1">
  <!-- 上方分类 -->
  <el-row>
    <el-menu default-active="1" mode="horizontal">
      <el-menu-item index="1" @click="changesearchkind(1)">最近使用</el-menu-item>
      <el-menu-item index="2" @click="changesearchkind(2)">我创建的</el-menu-item>
      <el-menu-item index="3" @click="changesearchkind(3)">我的收藏</el-menu-item>
      <el-menu-item index="4" style="float:right">新建文档</el-menu-item>
      <el-menu-item index="5" style="float:right">按模版新建</el-menu-item>
    </el-menu>
  </el-row>
  <!-- 下方内容 -->
  <el-row>
    <div class="files" v-for="item in allfiles.data" :key="item.id">
      <div class="afile">

        </div>
      </div>

    </el-row>

  </div>
  <!-- 收件箱页面 -->
  <div v-if="pageflag==2">
    hi2
  </div>
  <!-- 回收站页面 -->
  <div v-if="pageflag==3">
    <el-row>
      <div class="deletefiles" v-for="item in alldeleted.data" :key="item.id">
        <div class="deletefile">

          </div>
        </div>
      </el-row>
    </div>
  </el-col>
</el-row>

<div v-if="showCreateModal" v-on:closeme="closeme">
  <div class="modal-backdrop">
    <div class="modal" :style="mainStyles">
      <div class="modal-header">
```

```
<h3>新建团队</h3>
</div>
<div class="modal-body">
  <el-form ref="createTeam_form" :model="createTeam_form"
:rules="rules" label-width="80px" >
    <el-form-item label="团队名称" prop="team_name">
      <el-input
        placeholder="team name"
        v-model="createTeam_form.team_name"
        class="input-with-select"
      ></el-input>
    </el-form-item>
  </el-form>
</div>
<div class="modal-footer">
  <button type="button" class="btn-confirm"
@click="submitForm('createTeam_form')">确认</button>
  <button type="button" class="btn-close" @click="closemeCreate">
关闭</button>
</div>
</div>
</div>
</div>

<div v-if="showJoinModal" v-on:closeme="closeme">
  <div class="modal-backdrop">
    <div class="modal" :style="mainStyles">
      <div class="modal-header">
        <h3>加入团队</h3>
      </div>
      <div class="modal-body">
        <el-form ref="createTeam_form" :model="createTeam_form"
:rules="rules" label-width="80px" >
          <el-form-item label="团队名称" prop="team_name">
            <el-input
              placeholder="team name"
              v-model="createTeam_form.team_name"
              class="input-with-select"
            ></el-input>
          </el-form-item>
        </el-form>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn-confirm"
@click="submitForm('createTeam_form')">确认</button>
        <button type="button" class="btn-close" @click="closemeJoin">关
闭</button>
      </div>
    </div>
  </div>
</div>
</div>
```

```
</div>
</template>

<script>
// @ is an alias to /src
import Navigator from "@components/Navigator.vue";
import global from "@components/global.vue";
import axios from "axios";

export default {
  name: "Home",
  components: {
    Navigator,
  },
  data() {
    return {
      userid:0,
      searchkind:1,
      pageflag:1,
      allfiles:{},
      alldeleted:{},
      allteams:{},
      showCreateModal:false,
      showJoinModal:false,
      createTeam_form:{
        email: "",
        team_name: ""
      },
      rules:{
        team_name:[
          { required: true, message: '请输入团队名称', trigger: 'blur' },
          { min: 5, max: 15, message: '长度在 5 到 15 个字符', trigger: 'blur' }
        ],
      },
    };
  },
  created()
  {
    this.userid=global.userid
    this.search()
  },
  methods: {
    changesearchkind(aint)
    {
      this.searchkind=aint,
      this.search()
    },
    search() {
      var that = this;
      axios
```

```
.post("http://127.0.0.1:8080/home", { //175.24.53.216:8080
127.0.0.1:8080
    id: that.userid,
    kind: that.searchkind
  })
  .then(function(response) {
    alert("搜索完成 (测试)");
    alert(response.data.msg);
  })
  .catch(function(error) {
    alert(error);
  });
},

submitForm(formName) {
  this.$refs[formName].validate((valid) => {
    if (valid) {
      var that = this;
      that.createTeam_form.email=global.userEmail;
      axios
        .post("http://127.0.0.1:8080/buildteam",
that.createTeam_form)//175.24.53.216:8080 127.0.0.1:8080
        .then(function(response) {
          alert(response.data.msg);
        })
        .catch(function(error) {
          alert(error);
          console.log(error);
        });
      } else {
        console.log('error submit!!');
        return false;
      }
    });
},

toggleModalCreate:function(){
  this.showCreateModal = !this.showCreateModal;
},
closemeCreate:function(){
  this.showCreateModal = !this.showCreateModal;
},
toggleModalJoin:function(){
  this.showJoinModal = !this.showJoinModal;
},
closemeJoin:function(){
  this.showJoinModal = !this.showJoinModal;
}
}
};
</script>
```

```
<style scoped>
.each {
  width: 30%;
  border: 1px solid black;
  margin: 5px;
  cursor: pointer;
}
.el-dropdown-link {
  cursor: pointer;
  color: #409EFF;
}
.el-icon-arrow-down {
  font-size: 12px;
}
.box {
  border: 1px solid #DCDFE6;
  margin: 10px auto;
  padding: 10px 35px 15px 35px;
  border-radius: 5px;
  -webkit-border-radius: 5px;
  -moz-border-radius: 5px;
  box-shadow: 0 0 5px #909399;
  opacity: 1
}
.art-more {
  height: 40px;
  display: flex;
  justify-content: flex-end;
  align-items: flex-end;
}
.art-more .view {
  color: #aaa;
}
h5{
  font-size: 18px;
}
.pagination {
  background-color: #F9F9F9;
}
.name{
  margin-top:10px ;
  margin-left: 5px;
}
.art-time {
  margin-right: 20px;
}
.art-title {
  border-left: 3px solid #409EFF;
  padding-left: 5px;
  cursor: pointer;
}
```

```
}

.art-title:hover {
    padding-left: 10px;
    color: #409EFF;
}
.name{
    margin-top:10px ;
    margin-left: 5px;
    cursor: pointer;
}
.name:hover{
    padding-left: 10px;
    color: #409EFF;
}
</style>

<style>
.modal-backdrop {
    position: fixed;
    top: 0;
    right: 0;
    bottom: 0;
    left: 0;
    background-color: rgba(0,0,0,.3);
    display: flex;
    justify-content: center;
    align-items: center;
}
.modal {
    background-color: #fff;
    box-shadow: 2px 2px 20px 1px;
    overflow-x:auto;
    display: flex;
    flex-direction: column;
    border-radius: 16px;
    width: 700px;
}
.modal-header {
    border-bottom: 1px solid #eee;
    color: #313131;
    justify-content: space-between;
    padding: 15px;
    display: flex;
}
.modal-footer {
    border-top: 1px solid #eee;
    justify-content: flex-end;
    padding: 15px;
    display: flex;
}
```

```
.modal-body {
    position: relative;
    padding: 20px 10px;
}
.btn-close, .btn-confirm {
    border-radius: 8px;
    margin-left: 16px;
    width: 56px;
    height: 36px;
    border: none;
    cursor: pointer;
}
.btn-close {
    color: #313131;
    background-color: transparent;
}
.btn-confirm {
    color: #fff;
    background-color: #2d8cf0;
}
.login-box {
    border: 1px solid #DCDFE6;
    width: 350px;
    margin: 180px auto;
    padding: 35px 35px 15px 0px;
    border-radius: 5px;
    -webkit-border-radius: 5px;
    -moz-border-radius: 5px;
    box-shadow: 0 0 25px #909399;
}

.login-title {
    text-align: center;
    margin: 0 auto 40px auto;
    padding: 0px 0px 0px 10px;
    color: #303133;
}

.submitBtn {
    display: block;
    text-align: center;
    margin: 0px auto;
    background-color: transparent;
    color: #39f;
    width: 200px;
}

=====
<template>
  <div class="home">
    <Navigator return="home" />
  </div>
</template>
```

```
<el-row :span="10">
  <!-- 左侧导航栏 -->
  <el-col :span="5">
    <el-menu
      default-active="1"
      class="el-menu-vertical-demo">

      <el-menu-item index="1" @click="pageflag=1">
        <i class="el-icon-menu"></i>
        <span slot="title">工作台</span>
      </el-menu-item>

      <el-menu-item index="2" @click="pageflag=2">
        <i class="el-icon-message"></i>
        <span slot="title">收件箱</span>
      </el-menu-item>

      <el-menu-item index="3" @click="pageflag=3">
        <i class="el-icon-delete"></i>
        <span slot="title">回收站</span>
      </el-menu-item>

      <el-submenu index="4">
        <template slot="title">
          <i class="el-icon-s-custom"></i>
          <span>团队空间</span>
        </template>
        <el-menu-item-group>
          <el-menu-item v-for="item in allteams.data" :key="item.id">

            </el-menu-item>
          </el-menu-item-group>
        </el-submenu>

    </el-menu>
  </el-col>
  <!-- 右侧内容 -->
  <el-col :span="19">
    <!-- 工作台页面 -->

    <div v-if="pageflag==1">
      <!-- 上方分类 -->
      <el-row>
        <el-menu default-active="1" class="el-menu-demo" mode="horizontal">
          <el-menu-item index="1" @click="changesearchkind(1)">最近使用</el-menu-item>
          <el-menu-item index="2" @click="changesearchkind(2)">我创建的</el-menu-item>
          <el-menu-item index="3" @click="changesearchkind(3)">我的收藏</el-menu-item>
          <el-menu-item index="4" style="float:right" @click="createdoc()">
```

```
新建文档</el-menu-item>
    <el-menu-item index="5" style="float:right">按模版新建</el-menu-
item>
    </el-menu>
</el-row>
<!-- 下方内容 -->
<el-row>
    <div class="files" v-for="item in allfiles.data"
:key="item.id">
        <div class="afile">

            </div>
        </div>

    </el-row>

</div>
<!-- 收件箱页面 -->
<div v-if="pageflag==2">
    hi2
</div>
<!-- 回收站页面 -->
<div v-if="pageflag==3">
    <el-row>
        <div class="deletefiles" v-for="item in alldeleted.data"
:key="item.id">
            <div class="deletefile">

                </div>
            </div>
        </el-row>
    </div>

</el-col>

</el-row>
</div>

</template>

<script>
// @ is an alias to /src
import Navigator from "@components/Navigator.vue";
import global from "@components/global.vue";
```

```
import axios from "axios";

export default {
  name: "Home",
  components: {
    Navigator
  },
  data() {
    return {
      userid:0,
      searchkind:1,
      pageflag:1,
      allfiles:{},
      alldeleted:{},
      allteams:{}
    };
  },
  created()
  {
    this.userid=global.userid
    this.search()
  },
  methods: {
    createdoc()
    {
      this.$router.push({
        name: "Viewdoc",
        params: {
          kind: 1
        }
      });
    },
    changesearchkind(aint)
    {
      this.searchkind=aint,
      this.search()
    },
    search() {
      var that = this;
      axios
        .post("http://127.0.0.1:8080/home", {
          id: that.userid,
          kind: that.searchkind
        })
        .then(function(response) {
          alert("搜索完成 (测试)");
          alert(response.data.msg);
        })
        .catch(function(error) {
          alert(error);
        });
    }
  }
}
```

```
    },  
    }  
};  
</script>  
  
<style scoped>  
.each {  
    width: 30%;  
    border: 1px solid black;  
    margin: 5px;  
    cursor: pointer;  
}  
.el-dropdown-link {  
    cursor: pointer;  
    color: #409EFF;  
}  
.el-icon-arrow-down {  
    font-size: 12px;  
}  
.searchBox{  
  
    }  
    .searchInput{  
  
    }  
    .searchButton{  
  
    }  
    .box {  
        border: 1px solid #DCDFE6;  
        margin: 10px auto;  
        padding: 10px 35px 15px 35px;  
        border-radius: 5px;  
        -webkit-border-radius: 5px;  
        -moz-border-radius: 5px;  
        box-shadow: 0 0 5px #909399;  
        opacity: 1  
    }  
    .art-more {  
        height: 40px;  
        display: flex;  
        justify-content: flex-end;  
        align-items: flex-end;  
    }  
    .art-more .view {  
        color: #aaa;  
    }  
    h5{  
        font-size: 18px;  
    }  
    .pagination {
```

```
        background-color: #F9F9F9;
    }
    .name{
        margin-top:10px ;
        margin-left: 5px;
    }
    .art-time {
        margin-right: 20px;
    }
    .art-title {
        border-left: 3px solid #409EFF;
        padding-left: 5px;
        cursor: pointer;
    }

    .art-title:hover {
        padding-left: 10px;
        color: #409EFF;
    }
    .name{
        margin-top:10px ;
        margin-left: 5px;
        cursor: pointer;
    }
    .name:hover{
        padding-left: 10px;
        color: #409EFF;
    }
>>>>>> branch2
</style>
```

处理后：

```
<template>
  <div class="home">
    <Navigator return="home" />
    <el-row :span="10">
      <!-- 左侧导航栏 -->
      <el-col :span="5">
        <el-menu
          default-active="1"
          class="el-menu-vertical-demo">

          <el-menu-item index="1" @click="pageflag=1">
            <i class="el-icon-menu"></i>
#ifdef branch2
            <span slot="title" >工作台</span>
#else
            <span slot="title" v-bind:disabled="isteamspace">工作台</span>
```

```
#endif
    </el-menu-item>

    <el-menu-item index="2" @click="pageflag=2">
      <i class="el-icon-message"></i>
      <span slot="title">收件箱</span>
    </el-menu-item>

    <el-menu-item index="3" @click="pageflag=3">
      <i class="el-icon-delete"></i>
      <span slot="title">回收站</span>
    </el-menu-item>

    <el-submenu index="4">
      <template slot="title">
        <i class="el-icon-s-custom"></i>
        <span>团队空间</span>
      </template>
      <el-menu-item-group>
#ifdef branch2
        <el-menu-item v-for="item in allteams.data" :key="item.id">

#else
        <el-menu-item @click="toggleModalCreate">
          <template slot="title">
            <i class="el-icon-plus"></i>
            <span slot="title">新建团队</span>
          </template>
        </el-menu-item>
        <el-menu-item @click="toggleModalJoin">
          <i class="el-icon-zoom-in"></i>
          <span slot="title">加入团队</span>
        </el-menu-item>
        <el-menu-item v-for="item in allteams.data" :key="item.id">
#endif
      </el-menu-item>
    </el-menu-item-group>
  </el-submenu>

</el-menu>
</el-col>
<!-- 右侧内容 -->
<el-col :span="19">
  <!-- 工作台页面 -->

  <div v-if="pageflag==1">
    <!-- 上方分类 -->
    <el-row>
#ifdef branch2
      <el-menu default-active="1" class="el-menu-demo" mode="horizontal">
        <el-menu-item index="1" @click="changesearchkind(1)">最近使用</el-
```

```
menu-item>
    <el-menu-item index="2" @click="changesearchkind(2)">我创建的</el-
menu-item>
    <el-menu-item index="3" @click="changesearchkind(3)">我的收藏</el-
menu-item>
    <el-menu-item index="4" style="float:right" @click="createdoc()">
新建文档</el-menu-item>
#else
    <el-menu default-active="1" mode="horizontal">
    <el-menu-item index="1" @click="changesearchkind(1)">最近使用</el-
menu-item>
    <el-menu-item index="2" @click="changesearchkind(2)">我创建的</el-
menu-item>
    <el-menu-item index="3" @click="changesearchkind(3)">我的收藏</el-
menu-item>
    <el-menu-item index="4" style="float:right">新建文档</el-menu-
item>
#endif
    <el-menu-item index="5" style="float:right">按模版新建</el-menu-
item>
    </el-menu>
    </el-row>
    <!-- 下方内容 -->
    <el-row>
        <div class="files" v-for="item in allfiles.data"
:key="item.id">
            <div class="afile">

                </div>
            </div>

        </el-row>

    </div>
    <!-- 收件箱页面 -->
    <div v-if="pageflag==2">
        hi2
    </div>
    <!-- 回收站页面 -->
    <div v-if="pageflag==3">
        <el-row>
            <div class="deletefiles" v-for="item in alldeleted.data"
:key="item.id">
                <div class="deletefile">

                    </div>
                </div>
            </el-row>
        </div>
    </div>
#endifdef branch2
```

```
</el-col>

</el-row>
</div>

#else
  </el-col>
</el-row>

  <div v-if="showCreateModal" v-on:closeme="closeme">
    <div class="modal-backdrop">
      <div class="modal" :style="mainStyles">
        <div class="modal-header">
          <h3>新建团队</h3>
        </div>
        <div class="modal-body">
          <el-form ref="createTeam_form" :model="createTeam_form"
:rules="rules" label-width="80px" >
            <el-form-item label="团队名称" prop="team_name">
              <el-input
                placeholder="team name"
                v-model="createTeam_form.team_name"
                class="input-with-select"
              ></el-input>
            </el-form-item>
          </el-form>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn-confirm"
@click="submitForm('createTeam_form')">确认</button>
          <button type="button" class="btn-close" @click="closemeCreate">
关闭</button>
        </div>
      </div>
    </div>
  </div>

  <div v-if="showJoinModal" v-on:closeme="closeme">
    <div class="modal-backdrop">
      <div class="modal" :style="mainStyles">
        <div class="modal-header">
          <h3>加入团队</h3>
        </div>
        <div class="modal-body">
```

```
<el-form ref="createTeam_form" :model="createTeam_form"
:rules="rules" label-width="80px" >
  <el-form-item label="团队名称" prop="team_name">
    <el-input
      placeholder="team name"
      v-model="createTeam_form.team_name"
      class="input-with-select"
    ></el-input>
  </el-form-item>
</el-form>
</div>
<div class="modal-footer">
  <button type="button" class="btn-confirm"
@click="submitForm('createTeam_form')">确认</button>
  <button type="button" class="btn-close" @click="closemeJoin">关
闭</button>
</div>
</div>
</div>
</div>
</div>

</div>
#endif
</template>

<script>
// @ is an alias to /src
import Navigator from "@components/Navigator.vue";
import global from "@components/global.vue";
import axios from "axios";

export default {
  name: "Home",
  components: {
#ifdef branch2
    Navigator
#else
    Navigator,
#endif
  },
  data() {
    return {
      userid:0,
      searchkind:1,
      pageflag:1,
      allfiles:{},
      alldeleted:{},
#ifdef branch2
      allteams:{}
#else
      allteams:{},

```

```
        showCreateModal: false,
        showJoinModal: false,
        createTeam_form: {
            email: "",
            team_name: ""
        },
        rules: {
            team_name: [
                { required: true, message: '请输入团队名称', trigger: 'blur' },
                { min: 5, max: 15, message: '长度在 5 到 15 个字符', trigger: 'blur' }
            ],
        },
    #endif
    };
},
created()
{
    this.userid=global.userid
    this.search()
},
methods: {
#ifdef branch2
    createdoc()
    {
        this.$router.push({
            name: "Viewdoc",
            params: {
                kind: 1
            }
        });
    },
    changesearchkind(aint)
#else
    changesearchkind(aint)
#endif
    {
        this.searchkind=aint,
        this.search()
    },
    search() {
        var that = this;
        axios
#ifdef branch2
        .post("http://127.0.0.1:8080/home", {
#else
        .post("http://127.0.0.1:8080/home", { //175.24.53.216:8080
127.0.0.1:8080
#endif
            id: that.userid,
            kind: that.searchkind
        })
    }
```

```
.then(function(response) {
    alert("搜索完成 (测试)");
    alert(response.data.msg);
})
.catch(function(error) {
    alert(error);
});
#endif branch2
},
#else
},

submitForm(formName) {
    this.$refs[formName].validate((valid) => {
        if (valid) {
            var that = this;
            that.createTeam_form.email=global.userEmail;
            axios
                .post("http://127.0.0.1:8080/buildteam",
that.createTeam_form)//175.24.53.216:8080 127.0.0.1:8080
                .then(function(response) {
                    alert(response.data.msg);
                })
                .catch(function(error) {
                    alert(error);
                    console.log(error);
                });
            } else {
                console.log('error submit!!');
                return false;
            }
        });
    },

toggleModalCreate:function(){
    this.showCreateModal = !this.showCreateModal;
},
closemeCreate:function(){
    this.showCreateModal = !this.showCreateModal;
},
toggleModalJoin:function(){
    this.showJoinModal = !this.showJoinModal;
},
closemeJoin:function(){
    this.showJoinModal = !this.showJoinModal;
}
#endif
}
};
</script>
```

```
<style scoped>
.each {
  width: 30%;
  border: 1px solid black;
  margin: 5px;
  cursor: pointer;
}
.el-dropdown-link {
  cursor: pointer;
  color: #409EFF;
}
.el-icon-arrow-down {
  font-size: 12px;
}
#ifdef branch2
.searchBox{

}
.searchInput{

}
.searchButton{

}
}
#endif
.box {
  border: 1px solid #DCDFE6;
  margin: 10px auto;
  padding: 10px 35px 15px 35px;
  border-radius: 5px;
  -webkit-border-radius: 5px;
  -moz-border-radius: 5px;
  box-shadow: 0 0 5px #909399;
  opacity: 1
}
.art-more {
  height: 40px;
  display: flex;
  justify-content: flex-end;
  align-items: flex-end;
}
.art-more .view {
  color: #aaa;
}
h5{
  font-size: 18px;
}
.pagination {
  background-color: #F9F9F9;
}
.name{
```

```
margin-top:10px ;
margin-left: 5px;
}
.art-time {
margin-right: 20px;
}
.art-title {
border-left: 3px solid #409EFF;
padding-left: 5px;
cursor: pointer;
}

.art-title:hover {
padding-left: 10px;
color: #409EFF;
}
.name{
margin-top:10px ;
margin-left: 5px;
cursor: pointer;
}
.name:hover{
padding-left: 10px;
color: #409EFF;
}
#ifdef branch1
</style>

<style>
.modal-backdrop {
position: fixed;
top: 0;
right: 0;
bottom: 0;
left: 0;
background-color: rgba(0,0,0,.3);
display: flex;
justify-content: center;
align-items: center;
}
.modal {
background-color: #fff;
box-shadow: 2px 2px 20px 1px;
overflow-x:auto;
display: flex;
flex-direction: column;
border-radius: 16px;
width: 700px;
}
.modal-header {
border-bottom: 1px solid #eee;
```

```
    color: #313131;
    justify-content: space-between;
    padding: 15px;
    display: flex;
}
.modal-footer {
    border-top: 1px solid #eee;
    justify-content: flex-end;
    padding: 15px;
    display: flex;
}
.modal-body {
    position: relative;
    padding: 20px 10px;
}
.btn-close, .btn-confirm {
    border-radius: 8px;
    margin-left: 16px;
    width: 56px;
    height: 36px;
    border: none;
    cursor: pointer;
}
.btn-close {
    color: #313131;
    background-color: transparent;
}
.btn-confirm {
    color: #fff;
    background-color: #2d8cf0;
}
.login-box {
    border: 1px solid #DCDFE6;
    width: 350px;
    margin: 180px auto;
    padding: 35px 35px 15px 0px;
    border-radius: 5px;
    -webkit-border-radius: 5px;
    -moz-border-radius: 5px;
    box-shadow: 0 0 25px #909399;
}

.login-title {
    text-align: center;
    margin: 0 auto 40px auto;
    padding: 0px 0px 0px 10px;
    color: #303133;
}

.submitBtn {
    display: block;
```

```
text-align: center;
margin: 0px auto;
background-color: transparent;
color: #39f;
width: 200px;
}

#endif
</style>
```

超好用啊有木有！感谢假期能打如此实用的比赛！

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