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BFS algorithm implementation



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here is code which implements BFS method

```
#include<iostream>
#include<stack>
#define MAX 100

using namespace std;

queue<int> myStack;
int G[MAX][MAX];
int visit[MAX];
int V, E;

void bfs(int s) {
    int i, j, node;
    memset(visit, 0, sizeof(visit));
    myStack.push(s);

    while(!myStack.empty())
    {
        node = myStack.top();
        myStack.pop();
        if(visit[node]) continue;
        visit[node] = 1;
        cout << node << " ";

        for(i=0; i<V; i++)
            if(G[node][i]) myStack.push(i);
    }
}

int main() {
    memset(visit, 0, sizeof(visit));
    bfs(0);
    return 0;
}
```

i have question how can i create real graph,i mean enter graph and by using bfs method do baisc bfs operation?i need to help in completing this algorithm with real graph

c++ graph-theory breadth-first-search

edited Feb 15 at 22:28

user7571420

asked Oct 16 '11 at 12:44



dato datuashvili

6,131 36 135 247

1 Is this homework? Also, you need to clarify what you're asking. Does this code work? – [jwfriese](#) Oct 16 '11 at 13:04

Very bad style of coding. 1) Queue has enqueue and deque operations and you can see what's at the "front" of the queue. What's at the end doesn't make much sense. – [w00t](#) Aug 31 '12 at 6:43

protected by [Community](#) ♦ Jan 28 at 13:07

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