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\* MapLoader.cpp

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//All the required libraries

#include "MapLoader.h"

#include <iostream>

#include <fstream>

#include <string>

#include <vector>

#include <iostream>

#include <sstream>

//main function

int main () {

//This checks if the file extension is the right one.

std::string fn = "";

if(fn.substr(fn.find\_last\_of(".") + 1) == "txt" //checks that it ends with .txt

|| fn.substr(fn.find\_last\_of(".") + 1) == "map" ) { //checks that it ends with .map

std::cout << "Yes... This a valid file extension" << std::endl;

} else {

std::cout << "This is not a valid file extension" << std::endl;

}

string line;

ifstream myfile ("example.txt");

std::vector<string> continents; //This will hold the continents from the file

string c = 0;

std::vector<string> countries; //This will hold the countries from the file

string d = 0;

if (myfile.is\_open())

{

getline(myfile, line);

if(line!="[Map]")

cout<<"This is not a valid MAP file";

while ( getline (myfile,line) ) //while there are still lines in the file

{

if(line == "[Continents]"){ //check if one of them is the start of the continents

cout << "Here are the continents in the map: " << endl;

while (line!="Territories]"){ //Makes sure we don't go past the Territories point

getline(myfile, c);//Goes through the next lines

continents.push\_back(c); //Adds the continent to the vector of strings called continents

cout << c << endl; //Prints the list of continents as they are added

}

}

else if(line == "[Territories]") {

cout << "Here are the territories: " << endl;

while(getline(myfile,d)) {

}

}

}

myfile.close();

}

else cout << "Unable to open file";

return 0;

}