

Re: reading from a file into an array

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.cpp/2003-11/0800.html

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Allen Seelye wrote:

> *Newbie here. I'm having a hell of a time with this. It takes input
> from the console into an array and then dumps it into a file. that all
> is pretty straight forward and works just fine. The output file looks
> like this:*
>
> *1,John Smith, 5551234, 1515 Some St
> 2,Jane Smith, 5555678, 1515 Someother St
>
> ...and so on. I've had no success getting this read back into an
> array. I've got three books on C++ and none of them has any
> information on how to accomplish this.*

Then throw them all away. This is pretty basic stuff.

> *Even if someone could show me how to read each line in as a single
> string I could probably figure it out from there on my own.*

```
#include <iostream>
#include <fstream>
#include <string>
```

```
int main()
{
    std::ifstream file("thefile.txt");
    std::string s;

    while (std::getline(file, s))
        std::cout << "Got a line: " << s << '\n';

    if (!file.eof())
        std::cout << "Error reading file\n";
}
```