

Exercise 5b - Writing file



Beskrivning

We shall now go through the possibility to write to a file using `fstream` in C++.

We have the possibility to choose between the “`ofstream`” and “`fstream`”. The best choice is to use the “`ofstream`” since it is designed for output data to a file.

To write a file we first need to include the `fstream` include file

```
#include <iostream>
```

Then we need to declare and open a file

```
std::ofstream myfile;           //uses ofstream (write only)
myfile.open ("example.txt");     //open stream
```

The easiest way to write data to the file is to use the created file *myfile*, in the same way as we use *cout* for printing to console

```
myfile << "Hello"; //write to stream
```

Below example will write “Hello” to a text file that we named “`example.txt`” that will be placed in the same directory as the program are executed.

Exercise 5b

- Create a program that asks the user for a text string (we can use *cin*, no need to handle spaces)
- Then take that sentence and save it to a file named “`example.txt`”
- Close the file when done

Information

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Den här uppgiften är inte obligatorisk