A2:T1: External lib

Programming Languages and Paradigms Seminar

Approach

This program uses libcurl to download the contents of the url and write them to a an XML file using std::ofstream. The second library is tinyxml2 which is used to identify the "root" element and it's child the book element. Then a for loop is ran on the returned pointer to iterate between sibling books. Every iteration is used to increment a counter for the number of books. During each iteration the child element price is also accessed, read, converted to a float with atof and added to a running count under the variable totalprice.

Running the program

Navigate to the directory and run the make command. This will produce a binary executable for you to run like ./a.out.

Deleting the program

You may use the make clean command to delete the produced binary.

Screenshot

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Figure 1: externallib