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Custom Library Doc

Table of Contents

[Client.h 2](#_Toc5391595)

[Objects/Functions 2](#_Toc5391596)

[Example 2](#_Toc5391597)

# Client.h

Client.h contains the Object „Client“ which is used for getting files from the internet using http.

## Objects/Functions

Client(asio::io\_context &io)

void connect(const std::string &server, const std::string &path, std::iostream &content, std::iostream &header)

void close()

## Example

Get the xml file from the url: <http://feeds.bbci.co.uk/news/world/rss.xml>

#include <iostream>

#include <CustomLibrary/Client.h>

int main()

{

asio::io\_context io;

ctl::Client client(io);

std::stringstream content, header;

client.connect("feeds.bbci.co.uk", "/news/world/rss.xml", content, header);

io.run();

std::cout << "Headers\n" << header.str() << "\n\nContent\n" << content.str() << '\n';

client.close();

return 0;

}

# Coder.h

Coder is mainly used used for cryprography

## Objects/Functions

Function to decrypt a stringstream or string

std::stringstream encode(std::stringstream &s, long long i = 0)

std::string encode(const std::string &s, long long i = 0)

s -> string/stringstream to encrypt.

i -> location where to start encrypting.

Funktion to encrypt a crypted stringstream

std::stringstream decode(std::stringstream &s, long long i = 0)