

README

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Implementation of Diffie-Hellman using Socket programming

Introduction/Overview:

Diffie-Hellman is the earliest example of public key exchange implemented within the field of Cryptography. In this application key is exchanged using socket.

Prerequisites:

Before you continue, ensure you have met the following requirements:

- ❖ You are using a Linux machine. Windows is not currently supported.
- ❖ You have a basic understanding of Cryptography algorithms.
- ❖ You have a gcc (GNU Compiler Collection) compiler.

How To Run:

```
Server.cpp - g++ Server.cpp -o server
              ./server PORT(e.g. 1234)
Client.cpp  - g++ Client.cpp -o client
              ./client IP_address PORT(e.g. 127.0.0.1 1234)
```

Files Includes With This Project:

```
Client.cpp
Server.cpp
Header.h
```

Significance Result/outcome obtained /achieved:

Key Exchange using Socket.

Suggestion for further work:

Additional features will be added soon....