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**User Guide**

**proj1.zip** contains three (3) directories:

* “src”: contains source file, including a make file that builds the analyzer program
* “bin”: contains the built analyzer executable, other binary files, and any dependent library files
* “doc”: contains User Guide that includes installation steps and typical usage instructions, and a Design document providing software components, a description of application level data storage protocol, build instructions, and a mapping of the requirements to the source code

**Running on class VMs:**

On linux: ssh -X <username>@cs489a.cs.loyola.edu

**Build Analyzer Executable:**

* make current working directory /proj1/
* cd ./src
* make all

**Clean Analyzer Executable (from /proj1/src/):**

* make clean

**Run Analyzer Executable (from /proj1/src/):**

* ../bin/analyze <binary to scan>

Example: ../bin/analyze ../bin/test

**Using the program (no backdoor):**

“Hit enter key to start analyzing.”

<Enter>

“Username:”

<Enter Username>

“Password:”

<Enter Password>

\*attributes of the binary file is written to ../bin/mydata.bin\*

**Correct Username and Password:**

Username: \*$ongebob \*quare$ant\*

Password -> a number mod 5

* Example Password: 10

**Using the program (with backdoor):**

“Hit enter key to start analyzing.”

<Hit ‘q’ on the keyboard>

\* attributes of the binary file is written to ../bin/mydata.bin\*