EXPERIMENT 40

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <unistd.h>

int main(int argc, char \*\*argv)

{

int result;

char \*filename = (char \*)malloc(512);

if (argc < 2)

{

strcpy(filename, "/usr/bin/adb");

}

else

{

strcpy(filename, argv[1]);

}

result = access (filename, R\_OK);

if ( result == 0 )

{

printf("%s is readable\n",filename);

}

else

{

printf("%s is not readable\n",filename);

}

result = access (filename, W\_OK);

if ( result == 0 )

{

printf("%s is Writeable\n",filename);

}

else

{

printf("%s is not Writeable\n",filename);

}

result = access (filename, X\_OK);

if ( result == 0 )

{

printf("%s is executable\n",filename);

}

else

{

printf("%s is not executable\n",filename);

}

free(filename);

return 0;

}