

Forum:[Hack Forums](#)

Thread: [\[C++\] Bruteforcer core](#)

Navigator - March 24, 2011, 1:18 pm

Since some people have asked for a bruteforcer source I decided to write a bruteforcer core. This generates all possible combinations with the specified length. Character set can be customized with the createCharSet function(a-z, A-Z, 0-9). The example usage in the main function demonstrates combinations with lengths 1-4 and a character set of a-z.

```
Code #include <iostream>
#include <cstring>
```

```
void generator(char* charSet, unsigned char targetLength, char* buffer, unsigned char length);
char* createCharSet(bool charSet_az, bool charSet_AZ, bool charSet_09);
```

```
int main(void)
{
    char* charSet = createCharSet(true, false, false);
    char* buffer = new char[10];
    memset(buffer, '\0', 10);

    for (unsigned char i = 1; i <= 4; i++)
    {
        generator(charSet, i, buffer, 0);
    }

    delete [] charSet;
    charSet = 0;
    delete [] buffer;
    buffer = 0;

    std::cout << "DONE." << std::endl;

    std::cin.sync();
    std::cin.get();
    return 0;
}
```

```
void generator(char* charSet, unsigned char targetLength, char* buffer, unsigned char length)
{
    if (length == targetLength)
    {
        std::cout << buffer << std::endl;
    }
    else
    {
        for (unsigned char i = 0; i < 62; i++)
        {
            if (charSet[i] != '\0')
```

```

        {
            buffer[length] = charSet[i];
            generator(charSet, targetLength, buffer, length + 1);
        }
        else
        {
            break;
        }
    }
}
}

```

```

char* createCharSet(bool charSet_az, bool charSet_AZ, bool charSet_09)
{
    char* charSet = new char[62];
    memset(charSet, '\0', 62);
    unsigned char index = 0;

    if (charSet_az)
    {
        for (char i = 'a'; i <= 'z'; i++)
        {
            charSet[index] = i;
            index++;
        }
    }

    if (charSet_AZ)
    {
        for (char i = 'A'; i <= 'Z'; i++)
        {
            charSet[index] = i;
            index++;
        }
    }

    if (charSet_09)
    {
        for (char i = '0'; i <= '9'; i++)
        {
            charSet[index] = i;
            index++;
        }
    }

    return charSet;
}

```

Raheelmarwat - March 24, 2011, 1:22 pm

bro can you suggest me how to learn C++ professionally as i have bookish knowledge but no practical exp..

Navigator - March 24, 2011, 11:43 pm

(Mar 24, 2011 01:22 PM)Raheelmarwat Wrote: [\[CITE\]](#) bro can you suggest me how to learn C++ professionally as i have bookish knowledge but no practical exp..
Use the search functionality of these forums. ?

Raheelmarwat - March 25, 2011, 12:25 am

(Mar 24, 2011 11:43 PM)Navigator Wrote: [\[CITE\]](#) Use the search functionality of these forums. ?
yes that will be help full but i need to say that which steps should i follow..

malo1992 - June 29, 2011, 6:25 am

That's so fucking fast! =D

Good job, dude, keep it up!