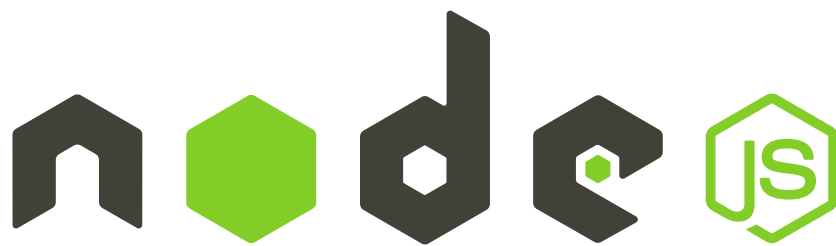




INTRODUCTION TO CRYPTO



By

Ashfiquzzaman Sajal





WHAT DO CRYPTO MODULE DO?

Node.js has a **built-in** crypto module that provides cryptographic functionality, including **hashing, encryption, decryption, digital signatures, and verification**. This module can be used to implement **secure communication, data storage, and authentication** in Node.js applications.

ENCRYPT THE TEXT

'ABC'



JS crypto.js

```
var crypto = require('crypto');

var mykey = crypto.createCipher('aes-128-cbc', 'mypassword');
var mystr = mykey.update('abc', 'utf8', 'hex')
mystr += mykey.final('hex');

console.log(mystr);
```

DECRYPT BACK TO 'ABC'



```
JS crypto.js

var crypto = require('crypto');

var mykey = crypto.createDecipher('aes-128-cbc', 'mypassword');
var mystr = mykey.update('34feb914c099df25794bf9ccb85bea72', 'hex', 'utf8')
mystr += mykey.final('utf8');

console.log(mystr); //abc
```

THAT WAS VERY EASY?

RIGHT?

BUT YOU DIDN'T EXPLORE
BEFORE?



FOLLOW

TO THIS KIND OF INSIGHTFUL
CONTENT!



Thank You!

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