

Investigating Cryptography Tools



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MD5 and MD 6 Tools

**MD6 Hash
Generator**

All Hash Generator

**MD5 Hash
Calculator**

HashCalc

HashMyFiles

Encryption Tools

The screenshot shows the BCTextEncoder Utility v. 1.03.2.1 application window. The title bar includes the application name and standard window controls. The menu bar contains File, Edit, Key, Options, and Help. The toolbar features icons for file operations and encoding. The main interface is divided into two sections: a top section for encoding and a bottom section for decoding. In the top section, the 'Decoded plain text' is 816 B and the 'Encode by' method is set to 'password'. An 'Encode' button is present. The text area contains two paragraphs about Batman. The bottom section shows the 'Encoded text' is 1.2 KB and a 'Decode' button. The encoded text is displayed in a scrollable area, starting with '-----BEGIN ENCODED MESSAGE-----' and ending with '-----END ENCODED MESSAGE-----'. The version number 'Version: BCTextEncoder Utility v. 1.03.2.1' is also visible.

BCTextEncoder Utility v. 1.03.2.1

File Edit Key Options Help

Decoded plain text: 816 B Encode by: password Encode

Batman is a vigilante who fights crime in Gotham City. He is one of the most popular superheroes of all time and has been featured in comics, movies, and television shows for over 80 years. Batman is known for his dark persona, his fight against crime, and his use of gadgets and vehicles. He is one of the most recognizable characters in pop culture and is one of the most popular superheroes of all time.

Encoded text: 1.2 KB Decode

-----BEGIN ENCODED MESSAGE-----
Version: BCTextEncoder Utility v. 1.03.2.1

wy4ECQMCRQfBgZLMkqdgq2q2eYmI+50iRXFDpkQqwoe/CKE0nephIKVDr7qL2PIo
0sBhAa9HaC92VhYJX7aUZCoopyhxxgEeyDQ1Q0P2tBXX4eLLQQWkaJeib2Y2y6v0
uqNfnzdeXoeyl1Nzw1QpDv7NLILBp/TG8OCJgFadGnUfW79O0Y4Qqwb1Ubom20uT
4/YUGeVif+ijA5zlWCJWJJsCDpb66jWVMsFgezu+i6QOyAkQZutaF8n3K8fOfPW8
kZvNjWmBN2NW1P5Uk/9JqOK2s0SLqTJSgb1JISQI0IY/u/sqZ4FqvUF55MhB6T
qaOjGp+jKUGKIEGz0hqwRMzfk6eSzykfl2z43OFnWO/97XH0gdO6oB+EQu8yYgX
QOHMN0zBL6ekU5VP6MBTF4FO9HhrDhYsBQH6j7R0tyuaSerBp5t4F5FfujP8K4E+
oj6idw==
=N2aa
-----END ENCODED MESSAGE-----

Encryption Tools

The image shows a screenshot of the BCTextEncoder Utility v. 1.03.2.1 application. The interface is split into two main sections. The left section displays the 'Decoded plain text' as 'Batman is a vigilante who fights crime' and 'Batman is known for his dark persona'. Below this, it shows the 'Encoded text: 1.2 KB' and a preview of the encoded output. The right section shows the 'Encoded text: 1.2 KB' at the top, followed by the command '-----BEGIN ENCODED MESSAGE-----' and the version 'Version: BCTextEncoder Utility v. 1.03.2.1'. The main body of the right section contains the encoded text, which is a long string of alphanumeric characters and symbols. At the bottom of the right section, there are buttons for 'Encode' and 'Decode', and the text '-----END ENCODED MESSAGE-----'.

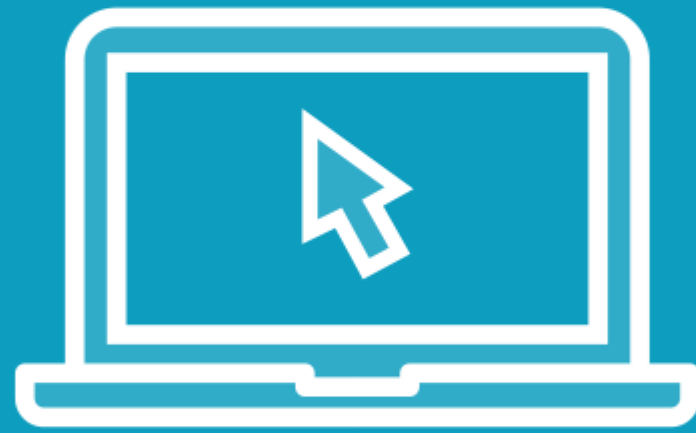
```
-----BEGIN ENCODED MESSAGE-----  
Version: BCTextEncoder Utility v. 1.03.2.1  
  
wy4ECQMCRQfBgZLMkqdgq2q2eYmI +5OiRXFDpkQqwoe/CKE0nephIKVDr7qL2PIo  
0sBhAa9HaC92VhYJX7aUZCoopyhxxgEe yDQ 1Q0P 2tBXX 4eLLQQWkaJeib2Y2y6v0  
uqNfnzdeXoeYl 1Nzw 1QpDv 7NLILBp/TG8OCJgFadGnUfW 79O0Y4Qqwb 1Ubom20uT  
4/YUGeVif +ijA5zlWCJWJJsCDpb66jWVMsFgezu +i6QOyAkQZutaF8n3K8fofPW8  
kZvNjWmBN2NW 1P5Uk/9JqOK2s0SLqTJSgb 1JIrSQiI0IY /u/sqZ4FqvUF55MhB6T  
qaOljGp +jKUGKIEGz0hqwRMzfk6eSzykfl2z43OFnWO /97XH0gdO6oB +EQu8yYgX  
QOHMN0zBL6ekU5VP6MBTf4FO9HhrDhYsBQH6j7R0tyuaSerBp5t4F5FfujP8K4E +  
oj6idw ==  
=N2aa  
-----END ENCODED MESSAGE-----
```

Demo



MD5 and MD6 Calculators

Demo



Various Mobile Apps That Encrypt Data and Storage

Demo



Learning Check

Learning Check



Up Next:

Explaining Public Key Infrastructure (PKI)
