

Newbie Web Automation implements custom encryption of the Parameters Database. You can use one of the following:

1. Newbie Encryption - the default encryption method
2. Custom Encryption - user defined encryption method
3. Double Encryption - combination of Newbie and Custom encryption

The option above is set in Tools Menu->Encryption Configuration.



A sample NewbieEn.DLL is provided. You must create your own NewbieEn.DLL that contains 2 published API Functions:

Encryption/Decryption Declarations:

```
// encryption function  
function NewbieCustomEncrypt(sKey1, sKey2, sCrypt: string): String;
```

Where:

- sKey1 - a key string value passed from Newbie. This is an optional string you can use for your encryption
- sKey2 - another key string value passed from Newbie. This is an optional string you can use for your encryption also
- sCrypt - The string to encrypt

Returns: Encrypted string

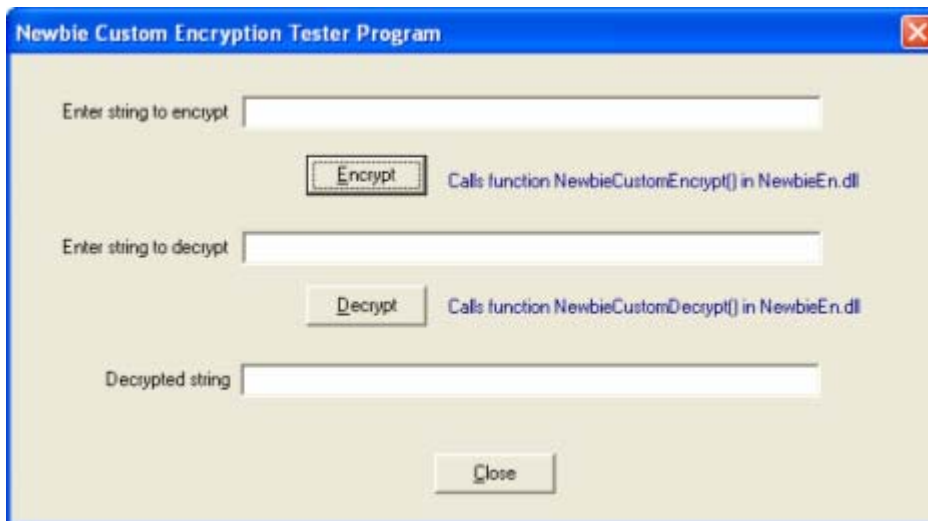
```
// decryption function  
function NewbieCustomDecrypt(sKey1, sKey2, sCrypt: string): String;
```

Where:

- sKey1 - a key string value passed from Newbie. This is an optional string you can use for your decryption
- sKey2 - another key string value passed from Newbie. This is an optional string you can use for your decryption also
- sCrypt - The string to decrypt

Returns: Decrypted string

When you select Custom Encryption or Double Encryption, Newbie calls these 2 API functions to encrypt and decrypt parameter data. Make sure your API is properly working before putting it in the Newbie install directory. A sample Tester Program called ENCTEST.EXE is provided for you to test out your API functions. If you are able to encrypt and decrypt properly using this Tester Program then you can proceed with placing your NewbieEn.DLL file in the Newbie installation directory.



The sample NewbieEn.DLL provided is only an example. Custom Encryption should not be used as the sole encryption method with this sample since the encryption algorithm is relatively easy to decipher. We strongly suggest that you use either Newbie Encryption or Double Encryption until such time that you are able to create your own proprietary encryption that replaces NewbieEn.DLL

Should you have any questions, email: support@newbielabs.com