

Ladhe's Encryption Utility (LE)

Experience the next generation of data security with **Ladhe's Encryption Utility (LE)**—a cutting-edge, **quantum-safe** encryption tool designed for Mac terminals. Built with advanced features and unparalleled encryption power, LE ensures your sensitive data is protected from modern and future threats.

Key Features:

1. **Symmetric Key Generation:** Effortlessly generate secure keys for symmetric encryption, similar to AES. (Only in Licensed version)
2. **Asymmetric Key Generation:** Create powerful encryption and decryption keys, comparable to RSA. (Only in Licensed version)
3. **Versatile Encryption Options:** Encrypt plaintext, pipelined text from files, or entire files seamlessly. (Only in Licensed version)
4. **Flexible Decryption:** Decrypt ciphertexts created using symmetric or asymmetric keys with ease. (Only in Licensed version)
5. **File/Folder Encrypt/Decrypt:** Protect your file/folder with robust encryption/decryption. For folder you can use **recursive** option.
6. **Force/Clean Mode:** With force mode it will overwrite encrypted file if exists. Clean will move .leXXX file to original file on successful decryption.
7. **Password-Protected Encryption:** Encrypt files and safeguard them with a password.
8. **Time-Lock Encryption:** Secure files with encryption that follows specific time constraints:
 - Decrypt only **before a certain date**.
 - Decrypt only **after a certain date**.
 - Decrypt **within a specified date range**.
9. **Password Protection:** Encrypted files require the original password for decryption, ensuring confidentiality.
10. **New File Extensions:** Depending on type of file extension (XXX), the new encrypted files will have leXXX extension.

For e.g. If you encrypt Test.txt with LE, the encrypted file will be Test.letxt

11. **File Info Insights:** Retrieve metadata about encrypted files using the `Get Info` feature.
12. **Integrated Comments:** LE encryption automatically adds a comment attribute detailing the encryption, visible in file properties.
13. **Comment Cleanup:** Upon decryption, LE removes the extended comment for a seamless experience.
14. **Date Tampering:** In licensed version, online date is checked against system date.
15. **File Size:** In beta, we support up to 4 MB, in licensed version, we support up to 100 MB.

16. **File Extensions:** As of now we support these extensions, if you need support for new type, please let us know at spalgorithm@gmail.com

**“java , txt , rtf , c , vb , cs , csv , log , asp , class ,
m , h , php , aspx , js , html , htm , js , xhtml , storyboard , jso
n , xml , py , sql , swift , xib”**

Why Choose LE?

LE is currently in Beta and represents the forefront of post-quantum cryptography, making it the ideal solution for safeguarding your sensitive data in the quantum computing era. If you find it meets your needs and expectations, you can request a licensed copy to continue benefiting from its powerful features.

Enjoy the confidence of knowing your data is secure with **Ladhe’s Encryption Utility (LE)**—the quantum-safe tool to keep your information safe, today and tomorrow!

The LE command on terminal:

```
OVERVIEW: LE encrypts or decrypts data from plaintext or file, it works with pipeline. If you want to get plaintext or ciphertext from file.

© Ladhe 2025! This is in BETA, if you find it meets your needs and expectations, you can request a licensed copy to continue benefiting from its powerful features

USAGE: le <options>

ARGUMENTS:
<strings>      -

OPTIONS:
-h, --force           Override encrypted file
-z, --clean           Remove encrypted/decrypted file
-n, --recursive       Recursive/nested for folder
-j, --trio-flag       Clean,Force and Recursive/nested for folder
-s, --setup           Setup LE
-q, --password-flag   Password Flag if you want to encrypt password file.
                        ./LE -e pass.txt -q -j
-e, --encrypt-file <encrypt-file>
                        name of file/folder to encrypt(the command only writes to current directory)./LE -e file/folder --force --clean or ./LE -e file/folder -w pass.txt.
                        Please try with -w password file name. Use -j for recursive/force/clean
-d, --decrypt-file <decrypt-file>
                        name of file/folder to decrypt(the command only writes to current directory)./LE -d file/folder --clean or ./LE -d file/folder -w actual password or password file. For
                        Password encrypted files -w password. Use -j for recursive/force/clean.
-i, --get-info-file <get-info-file>
                        For Password file decryption add actual password ./LE -d pass.txt -j -w ActualPassword
                        Get info on encrypted file/folder with future date.
                        ./LE -i file/folder -n for recursive
-w, --pass-word <pass-word>
                        Password ./LE -e file/folder -w Password
-t, --encrypt-till-date <encrypt-till-date>
                        Date till you want to allow to decrypt file/folder. Works with only -e
                        ./LE -e file/folder -t encryptTillDate e.g. ./LE -e a.txt -t '2024/12/13 14:22' for 2.22 PM , for 2.22 AM -> '2024/12/13 2:22'
-l, --decrypt-from-date <decrypt-from-date>
                        Date from to allow to decrypt file/folder. Works only with -f ./LE -e file/folder -l decryptFromDate e.g. ./LE -e a.txt -l '2024/12/13 14:22' for 2.22 PM , for 2.22 AM ->
                        '2024/12/13 2:22'
-r, --decrypt-to-date <decrypt-to-date>
                        To Date range to allow to decrypt file/folder.Works only with -e ./LE -f file/folder -l decryptFromDate -r decryptToDate e.g. ./LE -e a.txt -l '2024/12/13 14:22' for 2.22 PM ,
                        for 2.22 AM -> '2024/12/13 2:22' -r '2024/12/13 14:22' for 2.22 PM , for 2.22 AM -> '2024/12/13 2:22'
-k, --encrypt_type <encrypt_type>
                        Type of Encryption -- asymmetrical (a) or symmetrical (s)(Not available in Beta)
-f, --ladhe-pubkey-en <ladhe-pubkey-en>
                        ./LE -f Key (Not available in Beta)
-u, --ladhe-pubkey-de <ladhe-pubkey-de>
                        ./LE -u Key (Not available in Beta)
-a, --decrypt-key <decrypt-key>
                        ./LE -u Key -a Decrypt-Key (Not available in Beta)
-p, --plain-text <plain-text>
                        PlainText ./LE -f Key -p PlainText (Not available in Beta)
-o, --output-file <output-file>
                        name of output file(the command only writes to current directory)
--version            Show the version.
-h, --help           Show help information.
```