

# 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. (Folder option is Only in Licensed version)
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](mailto: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:

```
© 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>          ./LE -k (asymmetrical or symmetrical) / -e plaintext key / -d ciphertext (Optional d if asymmetrical) key

OPTIONS:
  --force            ./LE -f Key (Not available in Beta)
  --decrypt          ./LE -u Key (Not available in Beta)
  --clean            ./LE -a Decrypt-Key (Not available in Beta)
  -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 -a Decrypt-Key (Not available in Beta)
  -p, --plain-text <plain-text>
                    PlainText
  -w, --pass-word <pass-word>
                    Password
  -e, --encrypt-file <encrypt-file>
                    name of file/folder to encrypt(the command only writes to current directory)
                    ./LE -e fileName --force --clean
                    ./LE -e fileName -w pass.txt.
                    Please try with -w password file name
  -d, --decrypt-file <decrypt-file>
                    name of file/folder to decrypt(the command only writes to current directory)
                    ./LE -d fileName --clean
                    ./LE -d fileName -w actual password or password file. For Password encrypted files -w password.
  -i, --get-info-file <get-info-file>
                    Get info on encrypted file/folder with future date.
                    ./LE -i fileName/folderName
  -t, --encrypt-till-date <encrypt-till-date>
                    Date till you want to allow to decrypt file/folder. Works only with -e
                    ./LE -e fileName -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 -f fileName -l decryptFromDate e.g. ./LE -f 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 fileName -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'
                    For 2.22 AM -> '2024/12/13 2:22'
  -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.
```