

Create/List key pairs

dotenvx init	Create .env and .env.keys in current directory
dotenvx init -p test	Create .env.test and .env.keys for test profile
dotenvx init -g	Create \$HOME/.env.keys for global profiles
dotenvx keypair	Validate and print key pair for .env
dotenvx -p test keypair	Validate and print key pair for .env.test

Please use 'cargo bininstall dotenvx-rs' to install dotenvx or download it from <https://github.com/linux-china/dotenvx-rs/releases>

encrypt and decrypt for .env files

dotenvx encrypt	Encrypt .env file
dotenvx -p test encrypt	Encrypt .env.test file
dotenvx decrypt	Decrypt .env file
dotenvx -f decrypt	Decrypt .env.test file
dotenvx decrypt -- stdout	Read .env file and print the decrypted items to stdout

.env file example

```

#/--[DOTENV_PUBLIC_KEY]-----/
# public-key encryption for .env files /
# https://dotenvx.com/encryption.
#-----
- -----/
DOTENV_PUBLIC_KEY= "02b497...."
# .env
HELLO= encrypted:base64_text

```

.env.key file example

```

#/--!DOTENV_PRIVATE_KEYS-----/
# private decryption keys. /
# DO NOT commit to source control /
# https://dotenvx.com/encryption.
#-----
DOTENV_PRIVATE_KEY=9e7018-hex-text
DOTENV_PRIVATE_KEY_EXAMPLE=a3d15-hex-text

```

GitHub Actions setup

```

`yaml
jobs:
  dot:
    env:
      run-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v4
      - uses: linux-china/setup-dotenv-x@main
      - run: npm install
      - run: $HOME/.cargo/bin/dotenvx run -- node index.js
    env:
      DOTENV_PRIVATE_KEY: ${secret.DOTENV_PRIVATE_KEY}

```

Please add DOTENV_PRIVATE_KEY secret to the Repository secrets first.

If you use act for local GitHub Actions test, please use `act -j dot env x-demo --secret-file .env.keys`.

Get/Set item from .env file

dotenvx get admin	Get ADMIN value from .env file
dotenvx get	GET all key/value pairs from .env file
dotenvx set admin Jackie	SET ADMIN to Jackie in .env file
dotenvx set admin -	SET ADMIN from input
cat private.pem dotenvx set private_key -	Set private_key from text of private.pem file

Please press Ctrl+D on Linux/macOS or Ctrl+Z on Windows to finish input.

Switch profile

dotenvx -p test	Change profile to test
dotenvx encrypt -f .env.test	Change profile to test by .env file name
NODE_ENV=test dotenvx encrypt	Change profile to test by environment

profile's environment variable names: NODE_ENV, RUN_ENV, APP_ENV, SPRING_PROFILES_ACTIVE.

Rotate key pair for project

<code>dotenvx rotate</code>	Rotate key pair for <code>.env</code> file
<code>dotenvx -p prod rotate</code>	Rotate key pair for <code>.env.prod</code> file
<code>dotenvx rotate -f .env.prod</code>	Rotate key pair for <code>.env.prod</code> file

Run command with `.env` support

<code>dotenvx -- ./demo.sh</code>	Inject env variables from <code>.env</code> and run <code>./demo.sh</code>
<code>dotenvx -f prod -- ./demo.sh</code>	Inject env variables from <code>.env.prod</code> and run <code>./demo.sh</code>
<code>dotenvx -- echo '\$HELLO'</code>	Inject env variables from <code>.env</code> to run command line

Please use single quote to wrap variables from `.env` file.

Misc

<code>eval \$(dotenvx decrypt -- export)</code>	Export <code>.env</code> items to environment variables
<code>eval \$(dotenvx get hello -- format shell)</code>	Export <code>HELLO</code> from <code>.env</code> items as environment variable
<code>dotenvx ls</code>	List all <code>.env</code> file from current directory recursively
<code>dotenvx -f test ls</code>	List all <code>.env.test</code> file from current directory recursively
<code>dotenvx diff key1,key2</code>	Display keys' values between all <code>.env</code> files
<code>dotenvx diff key1,key2 -- format csv</code>	Display keys' values between all <code>.env</code> files by csv

Tips: if you use `direnv`, and you can add `"eval $(dotenvx decrypt -- export)"` to the `.envrc` file to automatically load `.env` as the environment variables when you enter the directory.



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Published 24th July, 2025.
 Last updated 25th July, 2025.
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